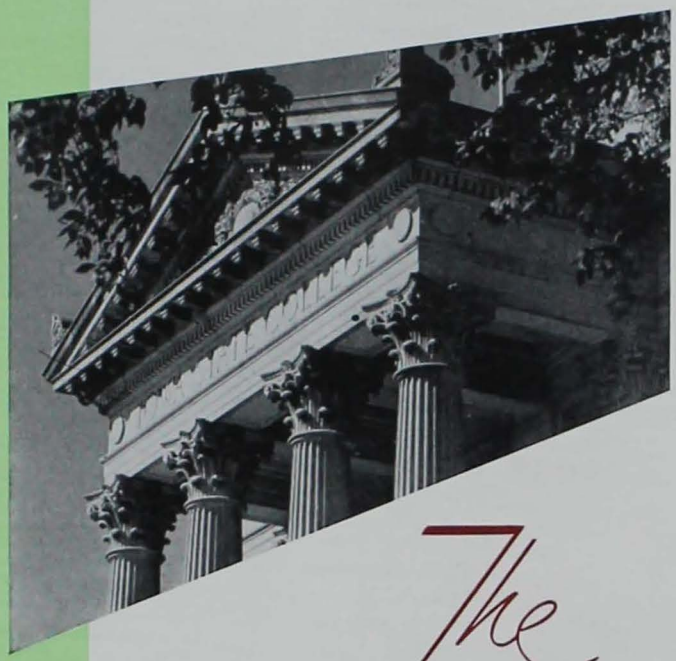
The BOMB of 1946



The BOMB of 1949

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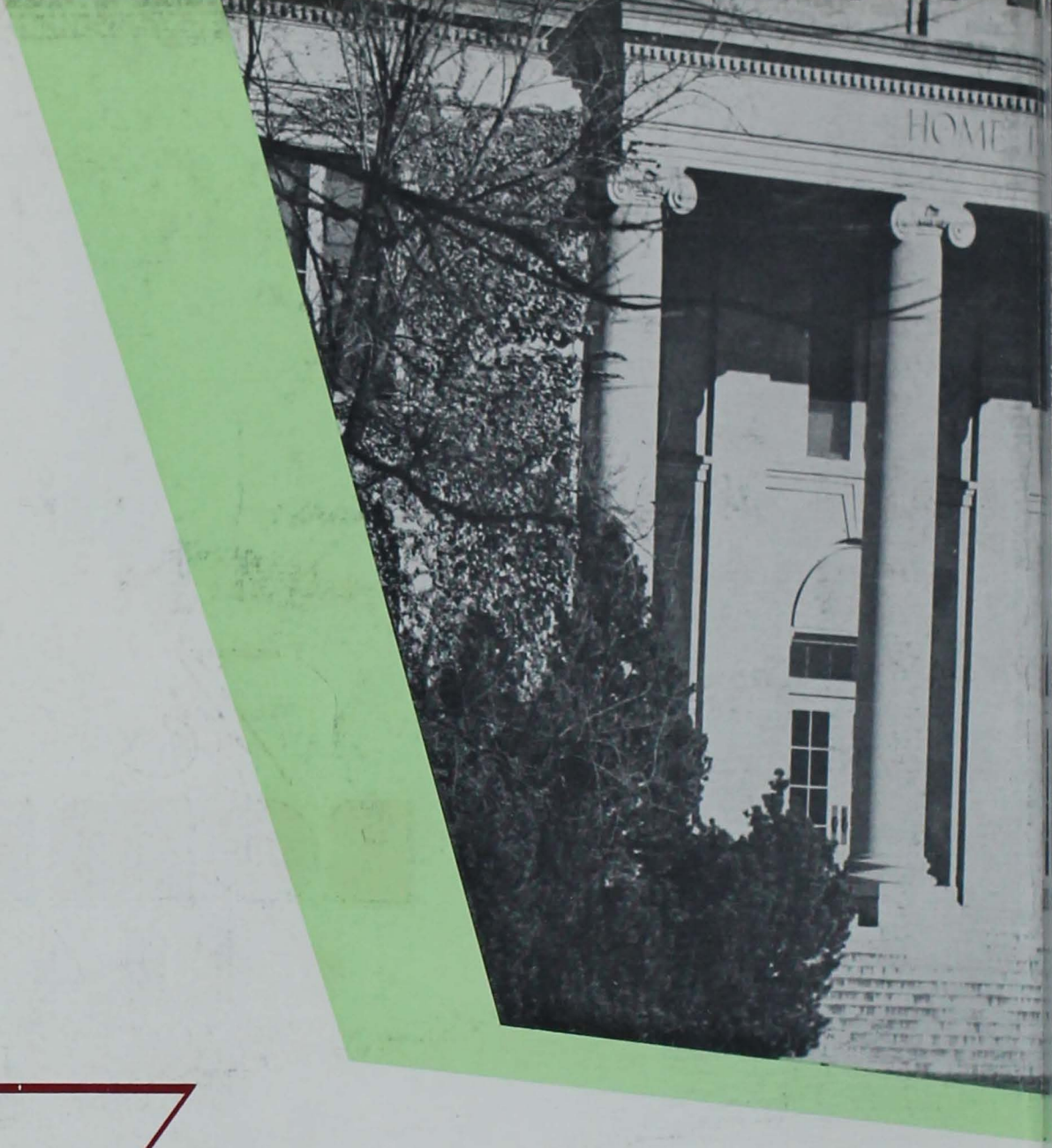

The BOMB of 1949

A PUBLICATION OF THE STUDENTS OF IOWA STATE COLLEGE

EDITOR *David Garfield*

BUSINESS MANAGER *Charles Spangler*

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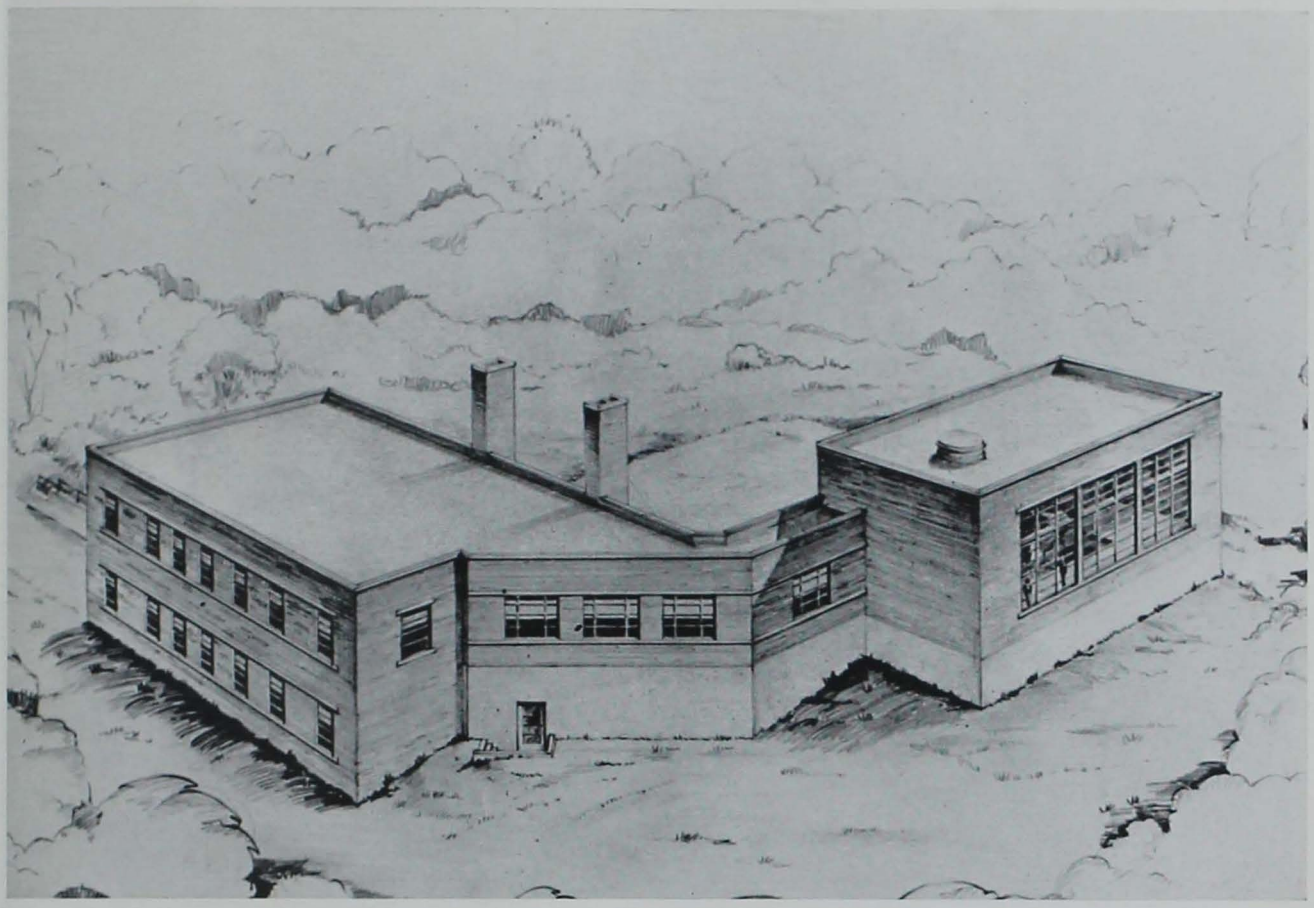
FOREWORD

To serve as a record of the school year is the yearbook's primary function. With this principle in mind, the *Bomb* of 1949 presents a picture of all aspects of collegiate life, covering the unique and the highlights but not overlooking the routine. The *Bomb* of 1949 reports the year's special events and pictures leading faculty and the graduating seniors. Athletics, both varsity and intramural, are included and student organizations are given space. Campus homes conclude the book. It is the thought of the *Bomb* staff that a volume of greatest interest demands inclusion of as many students as possible. Following this aim, more than 5,000 Iowa State College students are pictured. The 1949 *Bomb* is your record of your part in your school.

THE HIGHLIGHTS of 1948–1949 at Iowa State serve as an introduction to the fifty-sixth volume of the Bomb. Included are the traditional festivities such as Veishea and Homecoming and many events that were peculiar to the period. Glen Brand, an Iowa State engineering student, climaxed a long and victorious national wrestling record by winning a world's championship in the 1948 Olympic Games. Millions of dollars of construction projects were undertaken and some were brought to completion. Three units of the atomic research plant were begun on the campus and the 70-million-volt synchrotron was started. In addition, a new electrical engineering building sprouted up south of the armory and an outdoor dance floor was included in the Memorial Union expansion. WOI, Iowa State's radio voice, set up the highest broadcasting antenna in the state in anticipation of its scheduled FM and television services. Off-campus construction included several new student centers to meet growing needs. Meanwhile, Iowa State students were privileged to hear a number of distinguished visiting speakers and to enjoy performances by the nation's leading musical artists. Campus Varieties and other student staffed entertainment provided a lighter measure of recreation. Dozens of new names were added to the impressive roster of Iowa State queens, the beauties as pretty as ever. Freshman Days and graduation were taken in stride but were bigger than in years before as one might expect with ISC's expanded enrollment.



Architect's drawing of the seventy million volt synchrotron building.

ATOMIC RESEARCH INSTITUTE added new buildings for labs and synchrotron

The beginning of a new era found its way to the campus of Iowa State College when chemists and physicists consolidated their efforts to form a research group. Dr. Frank H. Spedding, head of this group, directed the work toward atomic research. During the war these scientists contributed heavily to atomic knowledge by the discovery of how to inexpensively produce pure thorium and uranium on a large scale basis.

Upon the suggestion of President Charles E. Friley, the Board of Education of Iowa established a separate budget to create the Institute for Atomic Research.

The purpose of the Institute is to "further the peacetime developments in atomic research," and "encourage the application of new tools to the various types of research on the campus and cooperative work between the various departments and divisions."

The "Link" between the chemistry and physics buildings.

The proposed building for the Institute for Atomic Research to be located west of the Metallurgy Building.

Atomic energy commission chose ISC for laboratory site

Since the founding of the research group in two small buildings and a part of the Chemistry Building it has grown considerably. What is known as the "Link" has been constructed between the Chemistry and Physics Buildings. This building connecting the adjoining buildings will house the main offices of the Institute on the campus.

In addition to this the Instiute started construction on a synchrotron west of Lynn Fuhrer Lodge, over a mile from the campus. The synchrotron building will be in two sections, one devoted to offices and laboratories and the other to the synchrotron. The two sections will be connected by a tunnel. The Institute procures funds from many sources other than the state budget. Almost all of the funds for the present expansion originated outside of the state appropriations.

The war time record of the Atomic Institute was primarily the production of a purer low cost uranium and thorium. The new methods of production reduced the cost of cast uranium and thorium to one twentieth of the previous cost. There was over a ton of uranium produced by Iowa State scientists.

In recognition of the work done at Iowa State, Secretary of War Stimson designated the College as one of the four outstanding universities in the country with projects which contributed to the atomic bomb. The Army-Navy "E" flag also flew over the College for the production record established by the project.

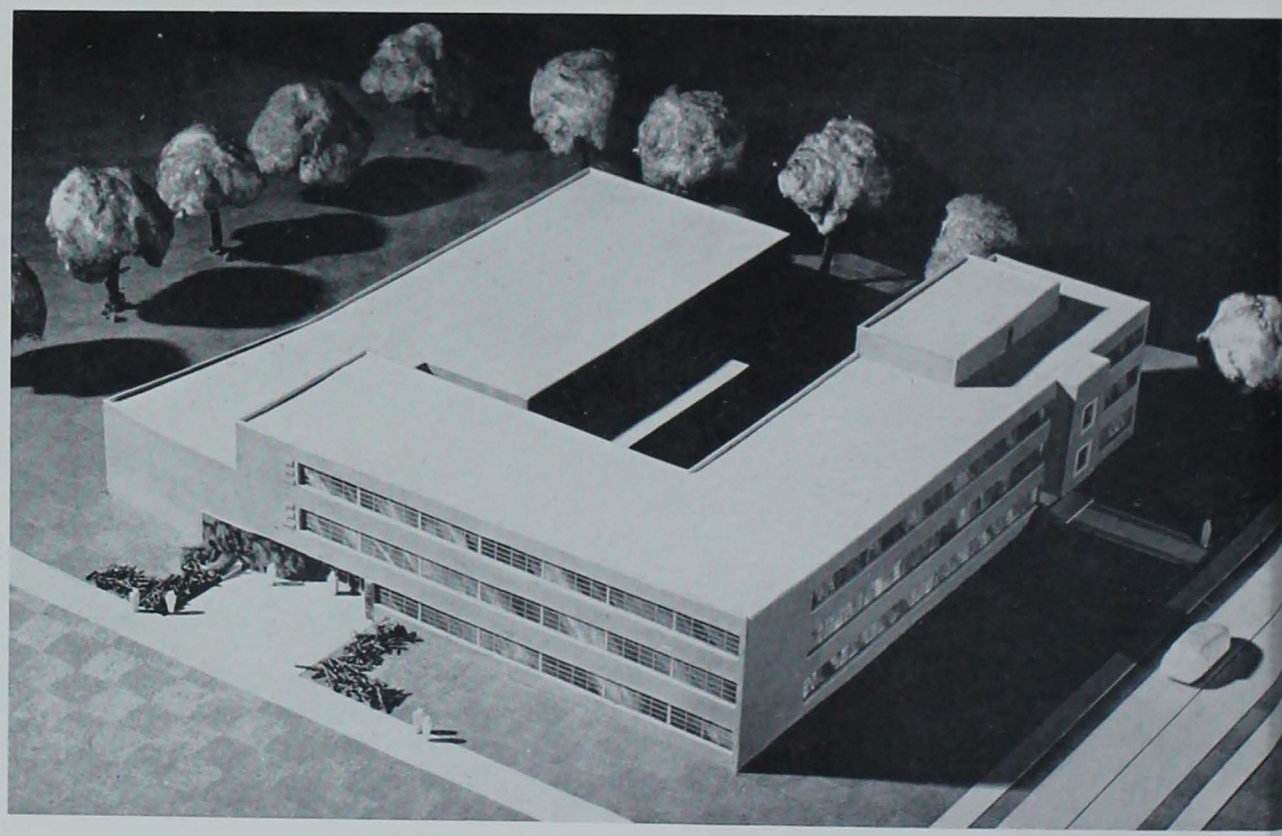
Upper: *Dean Gaskill and Dr. Spedding listen as President Friley speaks at the dedication of the Metallurgy Building.* Lower: *David E. Lilienthal and W. W. Waymack of the U. S. Atomic Energy Commission visit Dr. Spedding.*

This shovel chewed out a new drive below the Union.

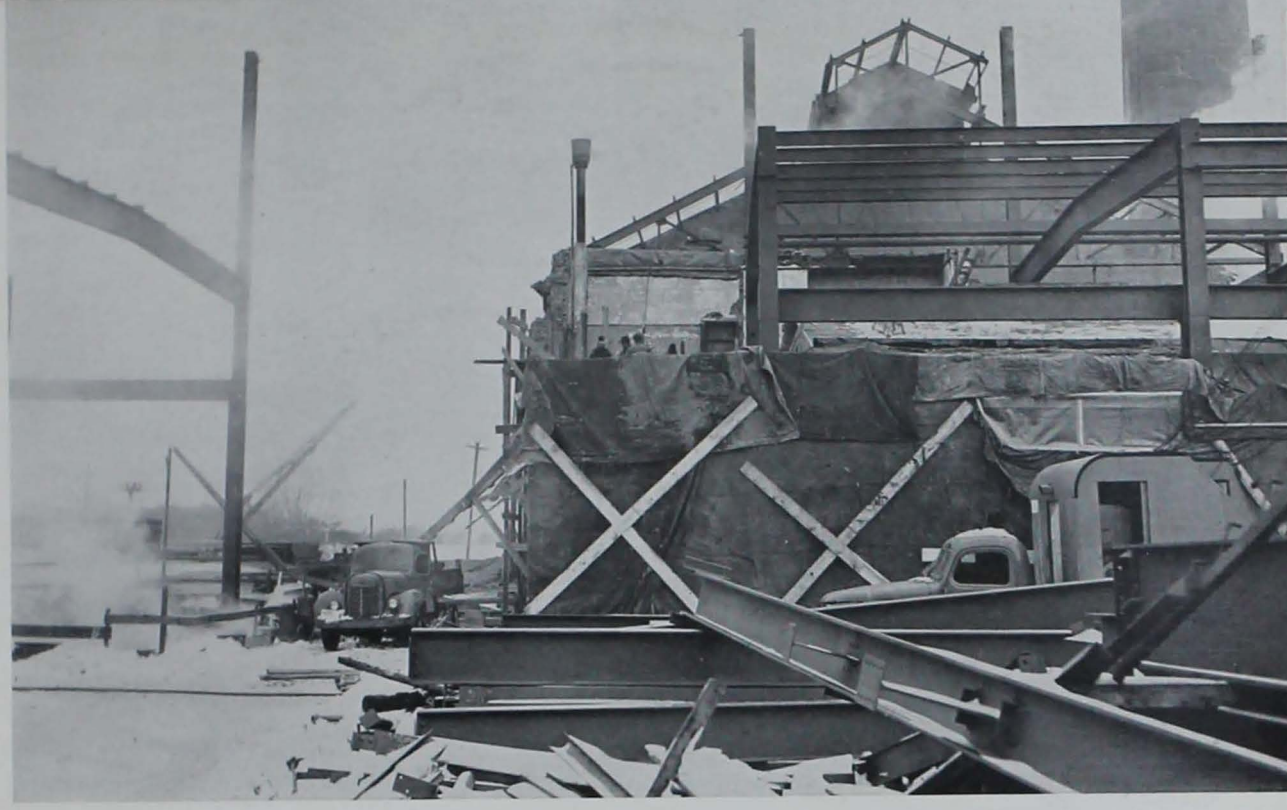
Building program adds several new structures to expand departments

During 1948 a vast building program was started at Iowa State College. The program was designed to meet the increasing student enrollment and expand and modernize the present facilities.

Late in 1948 the college began the construction of a new electrical engineering building to be completed by fall of 1949. A frequency modulation station, to go on the air in 1949, was begun. Many other projects were started including a plant introduction green house, power plant addition and several additions to the research farms.



Architect's scale model of the electrical engineering building.



Engineers found it a slow process to keep ISC's overloaded power plant in operation while making the new addition.

Part of the new greenhouse layout going up.

Work on the Electrical Engineering building goes on in spite of snow.

Olympic Gold Medal

One of Iowa's outstanding athletes of 1948 was Glen Brand, middle-weight wrestling champion of the world and an Iowa State student in civil engineering.

The story of Glen's climb to a berth on the Olympic team started in 1946. In that year Brand wrestled his way to a third place in the NCAA wrestling tournament. The following year he captured second in the same competition and in 1948 he worked his way to the championship of the NCAA. The same year tryouts were held at Iowa State College for the United States Olympic team. Iowa State fans had the opportunity to watch their varsity matman wrestle his way to the honor of representing the United States in the middle-weight class.

After winning a first place on the United States team, the next step was London where the Olympic games were to be held.

Glen's first match was with a wrestler from India who gave him the stiffest competition of all contenders. Brand won by decision and received his only disqualifying mark. Glen scored a fall against each of his next two opponents, one from Australia and one from Turkey. In the finals Brand again pinned his man.

Glen Brand
Olympic wrestling champion

Iowa State fans pay tribute to their Olympic Champion and his coach

Glen Brand gets a little pre-Olympic workout aboard ship.

GLEN BRAND captured world middle-weight wrestling championship as a member of the United States team at the Olympic Games

A great part of the championship ability of Glen Brand may be attributed to the coaching of Hugo Otopalik. Coach Otopalik made the trip to London as a delegate from the United States. Otopalik's official capacity was that of a member of the Jury of Appeals and as a member of the committee supervising the wrestling division.

Both Glen and Coach Otopalik after the Olympic wrestling games took a sightseeing tour of Europe and witnessed other Olympic contests.

Iowa State paid honor to Brand's athletic accomplishments in a short ceremony between halves of the Kansas football game. With Coach Otopalik acting as master of ceremonies, Glen was presented with a wrist watch and an Olympic blanket.

Olympic Champ Glen Brand at the peak of wrestling achievement in London's Wembley Stadium.

"Right by squads, squads right!" said the sergeant

COLLEGE ENROLLMENT figures rose to a new record for fall and winter quarters

The registration line at Beardshear Hall for fall quarter of 1948 included over ten thousand students, the largest enrollment in the history of Iowa State College. This total surpassed the previous record set in 1947 by more than three hundred students.

About half of those registering in the fall of 1948 were veterans attending college on the GI Bill. There was a drop in veteran enrollment of about five hundred as compared with fall quarter 1947. About four times as many men as women were registered.

As was the case in colleges throughout the country, engineering students led the field in numbers. Iowa State found that thirty-six per cent of the total enrollment in the fall of 1948 consisted of engineers. This, however, was a marked decrease from the year before when thirty-nine per cent of the total number of students registered in engineering.

Even though the Division of Engineering claimed the greatest number of students, the Agriculture Division displayed the most significant increase. In 1947 the students on the "Ag side" of the campus numbered 2,156 while for the fall of 1948 there were 2,457.

As in the Engineering Division, the Division of Home Economics showed a reduced number of students. Fall quarter failed to meet the previous year's mark by 100 students.

Winter quarter of 1949 found the same condition existing as in fall quarter. Over 9,500 students registered establishing a new high. The previous year only 9,400 students attended classes during the winter.

Even during the warm summer months many students attended Iowa State. For the summer session which lasted five and one-half weeks 3,539 students registered. The second session which lasted only five weeks, including final exams, found approximately the same number of students enrolled.

Along with inflated enrollment in the undergraduate school the Graduate College experienced increased attendance, jumping from 835 graduate students in winter quarter of 1948 to 935 for the same quarter in 1949.

The college business office expects to complete installation of the new "punch card' registration system by 1950. The first of the time saving IBM machines now in use were installed during fall quarter. The new machines fall just short of thinking since they will alphabetize, sort out desired information and perform tedious jobs normally requiring many workers.

Upper: *Bomb of '49 employs age old selling attraction and finds that it works.* Center: *The end of this line of patient chaps waiting to see the dean is two floors up.* Lower: *These men are laying in fuel for the cold winter nights.*

Freshman days committee guided over 2800 new students

A week before the majority of the student body returned to classes nearly three thousand incoming freshmen were busy taking entrance exams, meeting the faculty and locating campus buildings.

The freshmen found most of their time the first two days occupied by English placement, mathematics and personality tests. Sandwiched in between were appointments at the hospital for physical examinations and at the photo service for identification pictures.

During the week the five divisions of the college held receptions. The Engineering Division held theirs in Exhibit Hall complete with information booths for every department in the division. A similar reception was held by the Home Economics Division in Catherine McKay Auditorium.

Fraternity and sorority rushing took place during Freshman Days and the new students interested in the fraternity system also had to squeeze rush dates into their busy schedules. A convocation was held to explain rushing procedure to the rush candidates.

One of the highlights of Freshman Days was the Freshman Mixer. For this event, as many frosh as were able crowded into the combined ballrooms of the Memorial Union and danced to the music of the Skyliners.

Upper: *Rushing brings out the very best in smiles.* Second: *Iowa State receives its freshmen women at Mortar Board candlelight service.* Third: *Freshman Days included visits to faculty homes.* Lower: *Some of those at the Freshman Mixer were freshmen.*

Freshman Days pie-eating contest—next course, Bab-O and Bicarbonate.

Home Economics seniors prepare to receive their sheepskins.

SPRING GRADUATING CLASS heard Doctor Baccalaureate Sermon. President Friley gave the annual Commencement Exercises held in

Baccalaureate Services began in the traditional manner with a faculty and senior class procession to the State Gymnasium. Dr. Jack Finegan, head of New and Old Testament Literature at the Pacific School of Religion and formerly at Iowa State, presented the sermon. On the afternoon following the Baccalaureate Services, President Charles E. Friley held his reception for the graduating class. At the seventy-seventh annual Commencement Program, Iowa State College awarded 770 degrees to graduating seniors and advanced students in all curricula.

Seniors of the class of '48 wear their soup and fish for the last time at the Senior Prom.

Four years of study ends with the presentation of a diploma by President Charles E. Friley.

Jack Finegan deliver the final address at Clyde Williams Field.

The graduating class of 1948 presented to the college through the Memorial Union a sum of money to be applied toward a chapel in the Union. The Little Chapel is one of the first projects on the Union building program and will be built under Gold Star Hall.

Upper: *Famed arctic explorer Vilhjalmer Stefanson.* Middle: *Pat Wilcox tees off on the "Glory Hole" in the Iowa Masters Tournament.* Lower: *Mimi Benzell renews an old acquaintance with Prof. Tolbert MacRae.*

CAMPUS GUESTS were writers. They visited information concerning

One of the youngest but most talented stars of the Metropolitan Opera, Patrice Munsel, visited the college during fall quarter. The theme of Miss Munsel's concert was based on the Jenny Lind Centennial. Most of the pieces sung by the coloratura soprano star were gathered from the Jenny Lind Museum at Stockholm while Miss Munsel was on her first European concert tour.

Of the two hundred entries who started the Iowa Masters Golf Tournament last summer the field was quickly narrowed to two Des Moines professionals. They were Pat Wilcox, winner of the 1947 tourney, and Jack Hall. At the end of the first eighteen holes of play Wilcox and Hall were tied with even 70's—one under par. On the next nine, however, Wilcox weakened to blow the sixth hole, requiring seven strokes before finally reaching the cup. Hall shot even par for the twenty-seven holes and the championship.

Many notable speakers visited the campus during the school year including Tucker P. Smith, running-mate to Norman Thomas on the Socialist ticket for president; Vilhjalmer Stefanson, arctic explorer; Dr. Frank Laubach, speaker at the Vesper Service for All-Out to Church Sunday; and Dr. John Badeau, president of the American University at Cairo, who spoke on the problems of the Palestine issue at a coffee forum.

world famous lecturers, artists, educators and 'SC to provide entertainment and first hand current national and international affairs.

One of the most famous personalities visiting the Iowa State campus was Miss Dorothy Thompson. Miss Thompson is widely read in her newspaper column appearing throughout the country, "On the Record." Also she has published numerous books including several best sellers.

Since she is a world traveler, Miss Thompson is able in her books, newspaper columns and lectures to stay ahead of the world events. Prior to her visit to Iowa State College Miss Thompson had been to Europe to observe the Polish national election. In her address to the students of Iowa State during fall quarter Miss Thompson spoke on the recent presidential election. The noted writer confessed that she too had placed faith in the public opinion polls and was surprised when Thomas E. Dewey lost the election.

Another lecturer with a message for the students of Iowa State was Carey McWilliams, noted author and lecturer on racial problems. Speaking in the Memorial Union, McWilliams told his audience that there is no correlation between race culture and intelligence and that we should stop studying racial differences and instead study racial relationship. Carey McWilliams has written many books delving into the problems of racial discrimination including *A Mask for Privilege* which drew considerable comment from critics throughout the country.

Upper: *Columnist Dorothy Thompson pauses after her lecture at ISC.* Lower: *Metropolitan Opera star Patrice Munsel charmed her audience—for obvious reasons.*

Over 15,000 fans watched a spirited Cyclone Homecoming game since the 1945 season. An football power crushed the favored Buffalos

Lining up at the pep barbecue for rations and a look at the queen.

Over three thousand students turned out for the pep barbecue opening the annual Homecoming festivities. Dick Lewis' orchestra supplied music for the first hour, while barbecues and sandwiches were passed out. Master of ceremonies, M. Leon Kline, then called upon Coach Abe Stuber to introduce Don Ferguson and Dean Laun, co-captains for Saturday's football game with Colorado.

The highlight of the evening came when Mirm Keilman was introduced as Homecoming Pep Queen. Mirm was selected in an all college election from a field of nineteen candidates. The two Attendants to the Queen were Margit Soderberg and Ruth Van Roekel.

Homecoming Central Committee— *Front Row:* Monroe, Steek, Lamb, Rhoads. *Second Row:* Maley, Mukin, Peyer, McKee, Stratton. *Top Row:* Dustin, Schoeffler, Pickford, Smith.

eleven win their first unexpected display of from Colorado 18 to 7.

The pep barbecue was followed by the first of the two Homecoming dances in the Memorial Union. Elliot Lawrence and his orchestra provided the music. Because of the great number of students who wanted tickets for the dance, music was "piped" to the State Gymnasium where several hundred couples danced.

On Saturday afternoon of the Homecoming weekend a spirited Iowa State football team upset the favored Colorado Bisons 18 to 7. During the first 10 seconds of the game the Bisons took advantage of an ISC fumble and scored but the Cyclones came back strong and pushed over three touchdowns.

Queen Mirm Keilman and Attendants Ruth Van Roekel and Margit Soderberg reign at Homecoming.

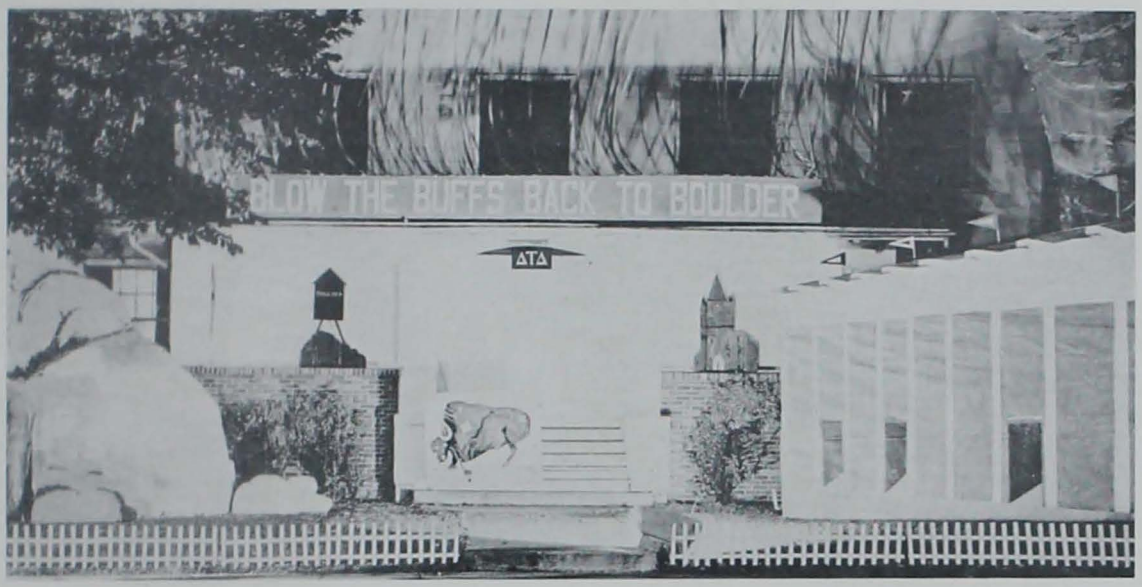
Willie the Whale won first place for Sigma Chi in Homecoming decorations contest.

Elliot Lawrence lowers his flaps and takes off at 1948 Homecoming dance.

House Decorations and queens added Homecoming color

A colorful part of the Homecoming festivities was the decorations set up in front of campus residences. Welch Hall was judged winner in the dormitory division of the decorations contest. Welch featured a football player with his feet in a guillotine. Sigma Chi was named first in the fraternity division with a reproduction of the Walt Disney creation, "Willie the Whale." The sorority winners, Alpha Gamma Delta, showed a group of Indians bringing in a dead Buffalo, with the appropriate caption, "Bringing in the Game."

The girls laugh and the men swear at the pajama relays.



Delta Tau Delta Homecoming decoration suggests unkind things for Colorado.

Cheerleaders whoop it up at the Homecoming pep rally.

Fashion extremes by Oak Hall took second place in Varieties.

CAMPUS VARIETIES *furnished ISC five nights of hilarious entertainment*

Friday nights of winter quarter were brightened by Campus Varieties, presented by the organized residence houses. Sixteen houses and dorms performed on the Memorial Union stage in the four preliminary contests and the finals.

The winners of the four preliminaries were matched against each other in the grand finals. Sigma Phi Epsilon presented the winning skit and received the first place Varieties trophy. Their skit was a minstel show, the "Sig Ep Showboat."

← *Minstrel quartet helped win Varieties trophy for Sig Ep's.*

Schmoo balloon laughs loyally at Sig Chi's Bob Champlain's corn.

Sixteen houses and dorms entered 1949 Varieties contest

Winner of the second Varieties competition was Alpha Gamma Delta. Their skit, "Out of This World," portrayed college life on the planet of Mars. Oak Hall won the third competition and also placed second behind the Sig Eps in the finals. The dormitory skit, "From Co-Ags to Hec," compared college life at ISC as it was in the past with today. Delta Delta Delta sorority was tops on the fourth night.

Alpha Gam women from Mars make fish-eyes at each other.

Manny, Moe and Al Jolson—KD skit.

Costumes, costumes, more costumes, featured the Tri Delta Varieties extravaganza.

There's more than one way of winning skit contests.

VEISHEA provided thousands of campus guests education, including a float parade, stage events, open house demonstrations and three

For three gala days in spring quarter of 1948 the entire student body dropped class work and participated in the annual Veishea activities. During these three days Iowa State College mustered all of its student talent and presented entertainment for alumni, high school students and other visitors.

Starting Thursday afternoon, the festivities were opened when the Veishea Queen of Queens was crowned by Governor Robert D. Blue. Barbara Berry was selected as Queen of Queens by movie actor Alan Ladd. The opening ceremonies took place under a golden arch between Beardshear Hall and Curtiss Hall.

One of the highlights of the three-day program was Stars Over Veishea. The all-student production was held on Clyde Williams Field on a specially designed stage. The college band and the men's and women's glee clubs occupied the rear half of the two level stage and presented a group of Gershwin melodies during the first part of the program. The dance club rounded out the show with several numbers done under special lighting effects. The program ended with an elaborate fireworks display. Over 5,000 students and visitors attended each of the two Stars Over Veishea performances.

Veishea lab in Theoretical and Applied Canoe Paddling.

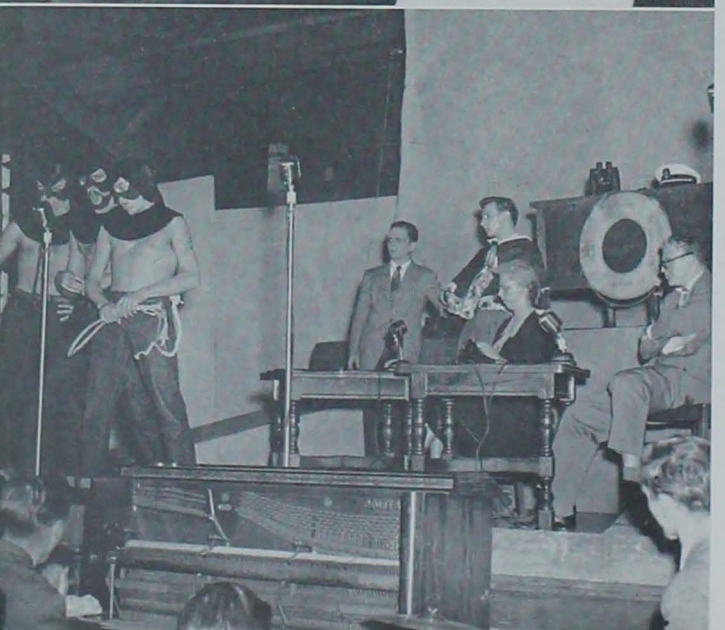
with entertainment and presentations, athletic beautiful, sunny days

The largest and most spectacular parade in Veishea history was staged Saturday morning. The two-mile parade featured 75 floats plus 5 Iowa high school marching bands. Leading the parade were the "Flying Hoofs," a crack drill team of horsemen from Des Moines. The famed team is composed of 20 boys and girls from 8 to 16 years of age and their horses. Near the head of the parade rode the Queen of Queens surrounded by her four attendants.

All units of the parade passed under the Veishea Parade arch located south of the campanile.

Upper: *A champion at the Veishea Horse Show.* Lower: *One place is as good as another to pick up a healthy tan.*

Veishea Queens Juliann Barker, Joyce Wineinger, Barb Berry, Dot Kuschmann and Connie Roberts.



Name bands played for Veishea dances and evening concert

Of great interest to the thousands of visitors on the campus were the departmental open houses. Each department had large displays and exhibits explaining the work done in the department.

Veishea would not have been complete without the two dances in the combined ballrooms of the Memorial Union. The Thursday night and Saturday night dances featured the music of Del Courtney's orchestra. The Veishea Queen and her four attendants were presented at each of these informal dances.

Included with entertainers visiting the campus for Veishea was Count Basie with his famed orchestra. The Basie orchestra presented a concert in Clyde Williams Field Friday night and played for the workers' dance following the concert.

Many other programs crowded the three days of festivities including a horse show in the Armory, canoe races on Lake LaVerne, a model airplane contest and the presentation of "The Year Book of 1948."

Before 3,500 Veishea baseball fans the Iowa State nine crushed the Kansas University team 9 to 7 in the first game of a two game series. The second game Iowa State dropped 2 to 0 despite a two hit pitching performance by the Cyclone hurler.

Upper: *Count Basie proves that he can do it with his eyes closed.* Middle: *Queen Barbara receives a trophy and a smile from ex-Governor Blue.* Lower: *A mid-term meeting of the Scholarship Committee from the Yearbook of '48.*

A Spanish dance from 1948 Stars Over Veishea production.

The Beta's merry-go-round won first place in the Veishea Parade.

Upper: *"Any resemblance to any actual character, living or dead, is purely accidental,"—Al Capp.* Lower: *Bomb Beauties Joan Weinhardt, Pat Hussey, Eleanor Rickman and Dorothea Kuschmann.*

Bomb Beauty Candidates, left to right: Patricia Anderson, Ann Heath, Joan Weinhardt, Pat Hussey, Joan Johnston, Esther

1949 BOMB BEAUTIES eight finalists chosen

Cartoonist Al Capp selected the 1949 Bomb Beauties from the eight finalists chosen by the University of Nebraska *Cornhusker*. The winners were Joan Weinhardt, Eleanor Rickman, Pat Hussey and Dorothea Kuschmann. The *Cornhusker* made its selection from the 19 candidates sponsored by the various women's residence houses on the Iowa State campus. The four runners-up were Arleen Fagan, Nancy Rasmussen, Dona Sindt and Esther Stover.

Stover, Evelyn Manny, Arleen Fagan, Jane Graff, Mary Beth Cushman, Mary Cele Harvey, Dorothea Kuschmann, Nancy Rasmussen, Dona Sindt, Eleanor Rickman, Joyce Wineinger and Sarah Roberts. Not shown are Eloise Brinton and Jo Ann Morris.

were selected by cartoonist Al Capp from by the University of Nebraska yearbook staff

A suitable presentation of the four winners became quite a problem after the cancellation of the traditional Bomb Beauty Ball. The dance had been one of the outstanding spring formals on the Iowa State campus for longer than most anyone could remember. The Publication Board finally decided to announce the Beauties in the *Iowa State Daily*. Early in April a two page spread of the four Beauties was published with simultaneous release of pictures to all the newspapers in the area.

On the following pages the 1949 Bomb staff presents its beauties

BOMB BEAUTY

Miss Joan Weinhardt

BOMB BEAUTY

Miss Eleanor Rickman

BOMB BEAUTY

Miss Pat Hussey

BOMB BEAUTY

Miss Dorothea Kuschmann

BOMB BEAUTY

Miss Arleen Fagan

Miss Nancy Rasmussen

CANDIDATES

Miss Esther Stover

Miss Dona Sindt

Engineer's Lady Joan Weinhardt with Attendants Mary Cele Harvey and Pat Wren.

ENTERTAINMENT at social events. Dances, carnivals helped break

With fall and the beginning of the new school year the annual round of formal dances began. Tuxedoes were removed from moth balls and formal dresses were readied for the Home Economics Ball, the first formal dance of the season. The combined ballrooms of the Memorial Union were the scene of the dance, "Cinderella Ball," with music furnished by Al Hudson and Lee Williams orchestra.

Scabbard and Blade, the military honorary, named Bette Neilsen "Honorary Cadet Colonel" at the annual Military Ball. Russ Carlyle and his orchestra provided the music for the evening of braid and brass.

Architecture Engineers lure four hardy souls into the "Model Home" at Engineer's Carnival

Iowa State was highlighted by a variety of queens, campus publicity stunts, concerts and the monotony of everyday classroom routine.

With the combined ballrooms of the Memorial Union decorated like a theater the theme "Opening Night" was carried out at the Junior Prom. For this dance the juniors on campus elected Doris Pangborn and Glen Brand to rule as Junior Prom Girl and Big Junior on Campus.

Opening winter quarter, the women's dormitory sponsored "Cupid's Reign," a formal Valentine Day dance. Following this affair the Engineers selected Joan Weinhardt to reign as "Engineers Lady" at the Engineers Ball. Early in spring, campus fraternities and sororities united to present the Men's and Women's Panhellenic Dance.

Junior Prom Girl Doris Pangborn and BJOC Glen Brand with their dates at the Junior Prom.

Photographic art—a study in hands and balloons at Engine Carnival.

Parachutist Ed Richards untangles his shroud lines after proving that engineers will do anything for publicity.

Many informal dances were held this year, the first of which was the Division of Agriculture's "Harvest Ball." Norma Stong reigned as queen of the informal affair. Following this dance were many others including the "Medicine Ball," "Wintermezzo," the "Harmony Ball" and the Veishea Dances.

A spectacular carnival sponsored by the Engineering Council highlighted informal entertainment for fall quarter. An elaborate campaign to name the "Most Tipical Engineer" was climaxed by a parachute jump onto the campus.

Spring quarter brought the Varsity "I" Carnival sponsored by the Varsity "I" Club. Booths represented the eleven major varsity sports.

NISA Queen Nancy Malmborg was presented at the Sweetheart Ball.

Nat Towles provided a well-rounded program at the Vet Medicine Ball.

Woodrow Wilson Herman and the Herd put their all into a concert arrangement.

Delta Zeta sang its way to the first place Sor-Dor trophy.

Book 1

THE COLLEGE

This year saw the enrollment at Iowa State hit an all-time high in spite of the predictions of a decline. The number of veterans in school was less than last year, but the number of freshmen straight from

high school was on the upswing. The College continued to keep pace with the times. New buildings are being planned and built to meet the needs created by an increased enrollment and 130 exchange students representing 25 countries found a home away from home at Iowa State. This year marked the school's nintieth anniversary of service to the people of Iowa and to the world.

Pres. Charles E. Friley

B. H. Platt
Business Manager

J. R. Sage
Registrar

COLLEGE ADMINISTRATION

From its meager beginnings more than 90 years ago, Iowa State College has grown into an institution of 10,000 students. Supervising the daily operation of this student community are the college administrators.

Coordinating the whole project is the president of Iowa State, Dr. Charles E. Friley. The college provides for many student needs bringing into the administrative picture the registrar and business manager and the directors of the hospital, the library, the Memorial Union, station WOI, alumni affairs, the information service and many others.

M. D. Helser
Director of Personnel

B. W. Schaefer
Physical Plant Superintendent

W. E. Barron
Director of Alumni Affairs

H. E. Pride
Director of Memorial Union

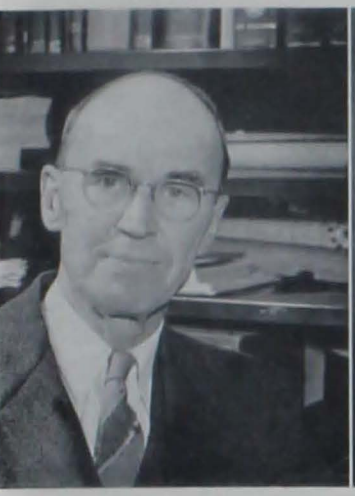
R. B. Hull
Director of WOI

Dr. J. G. Grant
Student Health Director

R. W. Orr
Library Director

C. R. Elder
Information Service Director

Dr. J. C. Schillter
Residence Halls Director



D. C. Faber
Engineering Extension Service

Dr. H. E. Biester
Veterinary Research Institute

Dr. R. M. Hixon
Dean of Graduate College

More than 2,500 students in the Graduate College continued their studies in advanced courses and research this year in the five divisions at Iowa State. Under the direction of Dean Ralph M. Hixon, the College did its utmost in helping its graduate students to specialize in their fields.

The Agricultural Extension Service, established in 1906, has continued as a vital factor in rural education. Working hand in hand with the Extension Service is the Agricultural Experiment Station whose function is to increase knowledge concerning the best practices in agriculture. The Extension Service is responsible for disseminating this information.

The purpose of the Engineering Experiment Station is to provide the organized research needed to develop the industries of Iowa. Since its organization it has continued to direct research projects concerned with subjects important to the health and prosperity of Iowans.

Dr. G . F. Stewart
Agricultural Experiment Station

M. McDonald
Agricultural Extension Service

Upper: *John Edenburn gives out with the Pammel Court slant on this subject.* Lower: *Norm Filbert pulls Philum Dogberry's hat back out of the ring in the spring quarter race for student body prexy.*

CARDINAL GUILD

Major accomplishments of the 1948-1949 Guild were the establishment of the Cardinal Guild Advisory Service, the gaining of a higher wage scale for hourly employees, the proposal that the teacher rating system be re-established at Iowa State and agitation for an auditorium-fieldhouse.

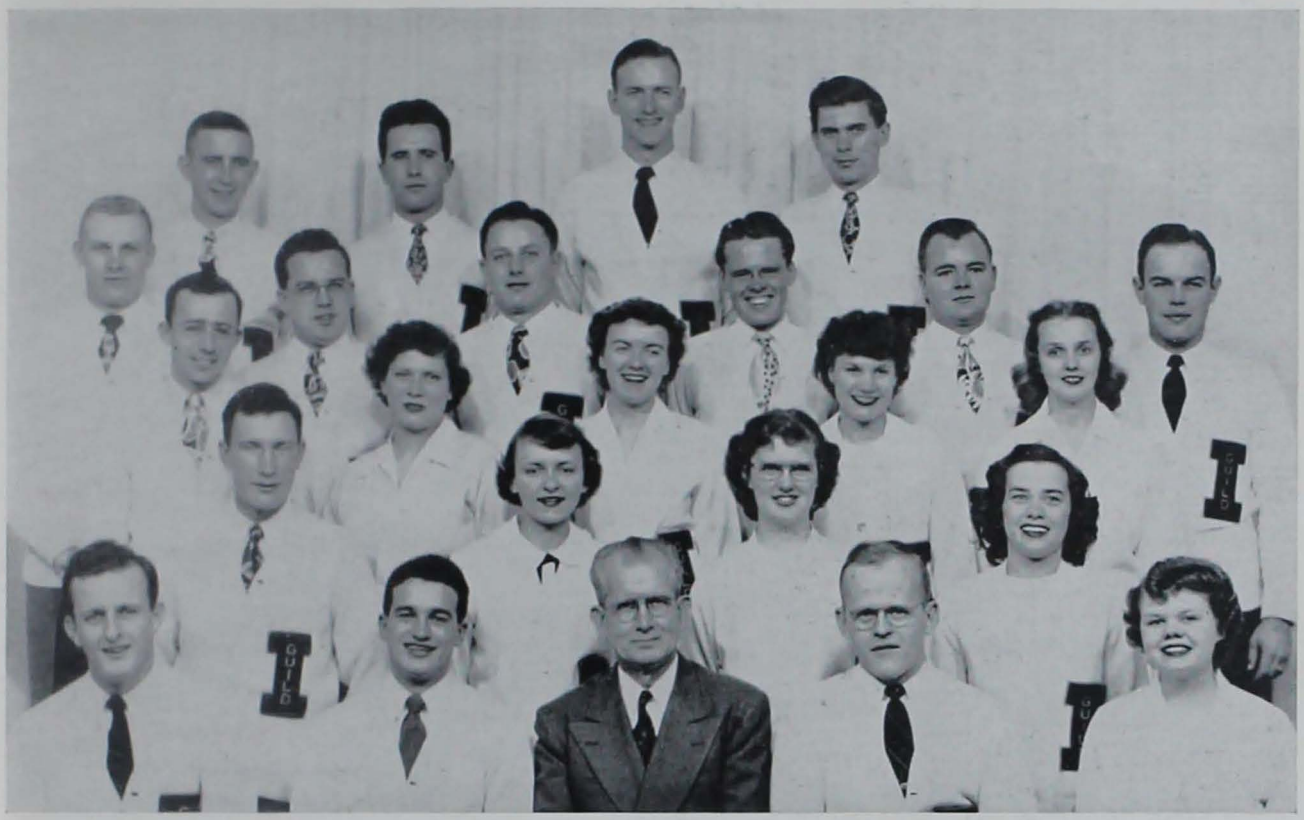
Other activities included a new plan for ticket distribution at major dances, re-inauguration of the Cardinal Guild Service Award, establishment of an all-college Activity "I" Award and an investigation and revision of the activity fee and its allocations.

Staging Homecoming, operating the Orchestra Booking Service, sponsoring and supervising the Freshman Handbook, selecting various campus chairmen and directing other all-college relationships—these are annual undertakings.

Guild was directed by Student Body President Charles Underwood with Don Bice serving as vice-president. Charlotte Broms and John Hamilton held the positions of secretary and treasurer. Faculty advisor for a number of years, Dr. J. M. Aikman was again on the roll of the '48-'49 Guild.

Cardinal Guild is directed by the sentiment of the student body in its action on college issues and projects. Its purposes are to foster, maintain, and guard college traditions; to be the official spokesman for the student body; to further cooperation between the student body and the faculty; and to serve as a unifying force among the several divisions of the college for the development of Iowa State.

Cardinal Guild membership is composed of a body of 29 voting members and a group of 4 non-voting members. The non-voting members are the faculty advisor, the booking agent, the activity point administrator and the secretary.



Front Row: Hamilton, Bice, Aikman, Underwood, Broms. *Second Row:* Walker, Peyer, Anderson, Sparling. *Third Row:* Wilde, Zink, Rexroat, Holler, Sorenson. *Fourth Row:* Lindblom, Kubias, Campbell, Clague, Monroe, Ogren. *Top Row:* Edenburn, Mackey, Hedlund, Rosen.

Two representatives, one junior and one senior, are elected from the division of Engineering, Science, Home Economics, Agriculture and Veterinary Medicine. After one year on Guild, the junior member automatically becomes the senior member, and a new junior is chosen for a two-year term.

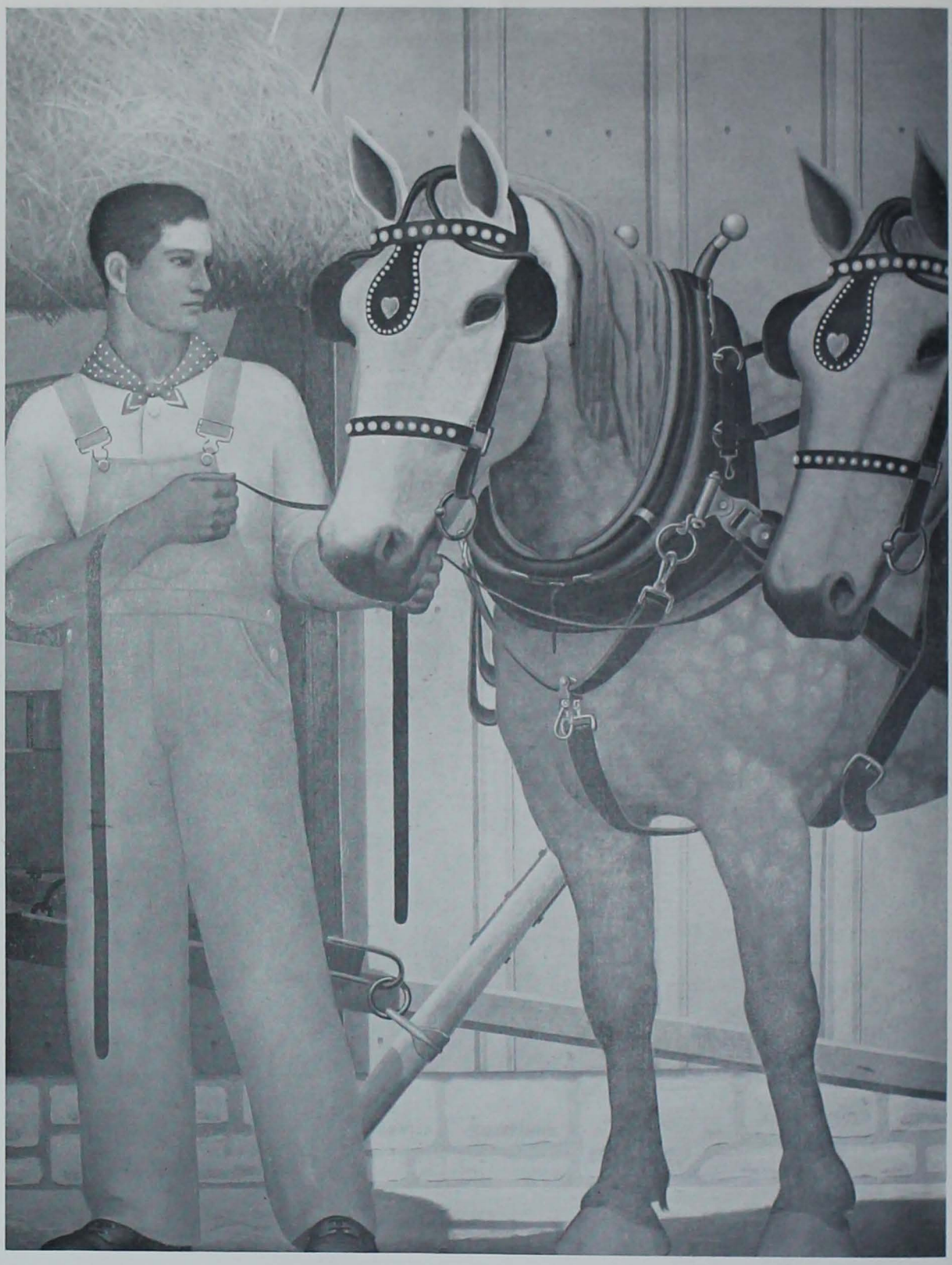
The residential groups, including the men's dormitories, women's dormitories, fraternities, sororities, Pammel Court, Ward System, and Tau Gamma are represented on a quota based on the number of students residing in these groups, the total being seventeen.

Cardinal Guild was founded by the class of 1904 to "preserve and extend the true spirit and traditions of Iowa State." Eleven men were selected as charter members.

One of the first projects was agitation for an honor system. Guild had its counterpart for coeds in the Women's Student Government Association which was later dissolved when Guild welcomed ISC women to membership.

The 1912-1913 Guild proposed a blanket tax to cover all student activities. The faculty viewed with alarm "such high financing of student enterprises." The plan was tried, found effective, and today a similar activity fee and its allocations are supervised by Cardinal Guild. The activity fee plan now in effect was established in 1934.

Cardinal Guild has always welcomed any member of the student body to its regular meetings, which are held on the first and third Thursdays of each month.



From murals in the Iowa State College Library directed by Grant Wood.

Prof. P. S. Shearer
Animal Husbandry

Prof. H. D. Hughes
Farm Crops

Dr. R. E. Buchanan
Experiment Station

DIVISION OF AGRICULTURE

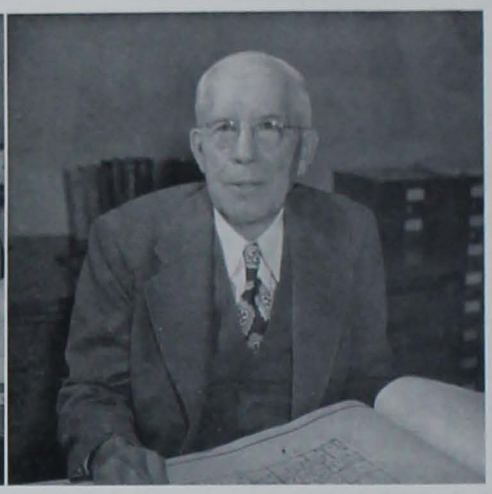
Climaxing its nintieth year of service, the Division of Agriculture reached an enrollment of more than 2,700 students, the largest in the division's history and in the world. This large enrollment has been encouraged to meet the increasing demands of agriculture for trained men.

Dr. H. H. Kildee, dean and director of agriculture, has assumed the directorships of the Agricultural Experiment Station and the Extension Service during the past two years. In this capacity he is better able to coordinate the activities of these two important departments.

Briefly, the Experiment Station does research in the problems of agriculture and rural living and presents its findings to the Extension Service which in turn gives the information to the farmers of Iowa and students in the division. The newest addition to the Experiment Station is the Ankeny Field Station, begun early in 1947.

Dr. H. H. Kildee
Dean

Dr. J. L. Lush
Animal Husbandry



Dr. W. H. Lancelot
Vocational Education

Prof. G. B. MacDonald
Forestry

Dr. M. Mortenson
Dairy Industry

Dr. W. H. Pierre
Agronomy

Forestry log mutilation contest: Individual in right foreground is holding down his end.

Front Row: Monroe, Lux, Willer, Clague, Deihl, Caine. *Second Row:* Reynolds, Fields, Jennings, Davis, Platt. *Third Row:* Boss, Bryant, Clay, Dyas, Davies, Thomsen. *Fourth Row:* Rinner, Palmer, Brandt, Campbell, Spangler. *Top Row:* Gillette, Ingersoll, Steinbach, Smith, Roos.

AGRICULTURAL COUNCIL

The chief purpose of the Agricultural Council is to promote close cooperation among the various factions in the Agriculture Division. Getting off to an early start, the council sponsors a freshman reception each fall. This gives the new students a chance to meet the men with whom they are to work during their college career. Later in the fall the council sponsors the "Harvest Ball," the all Agriculture Division dance.

The members of the division participating in activities are presented at the Ag Convocation. By sponsoring this affair, the council aims to stimulate interest in underclassmen towards service to the division and to ISC. Members of the judging teams, departmental club heads and Agriculture Division students engaged in all-campus activities are introduced.

At the Agriculture Banquet held last year, Dean Kildee was presented with a key by the council in behalf of the division for the cooperation he had given the council in their various projects.

The council serves in a supervisory capacity in putting on open house for the division during Veishea.

Made up of thirty members, the council was headed by President Wendell Willer. Helping support the burden of executive work were Thomas Clague, vice-president; Robert Lux, treasurer and Irving Deihl, secretary. The faculty advisor was Professor A. B. Caine.

Adams, G. Lovell
Adams, Ora R.
Aigler, Robert L.
Allen, Meredith R.
Alley, Walter V., Jr.

Ames, Edmond M.
Andersen, Agner A.
Anderson, Charles Frederick
Anderson, John B.
Anderson, Raymond E.

Andreae, John H.
Aronhalt, Roger N.
Ausen, Leslie J.
Babcock, Clarence E.
Baker, Delbert C.

Baker, Richard A.
Baltisberger, William H.
Barrington, Glen Edward
Barton, Horace A.
Beaver, H. Maurice

Beguhn, Arnold A. Jr.
Behnke, Harold W.
Bein, Donald H.
Bell, Charles N.
Bell, Richard L.

Bennett, Arthur C.
Bennett, Robert G.
Bennett, Walter D.
Berry, Orville J.
Biederman, Robert A.

Bilyeu, Julius C.
Black, Robert E.
Blake, Duane L.
Brinkman, E. Phillips
Britson, Wallace E.

Buchholz, James A.
Buck, Donald A.
Buckner, Russell L.
Budlong, Donald G.
Boss, Marvin W.

Boulton, Harold L.
Brandt, Lloyd Louis
Bridges, D. Gene
Britson, Orlan H.
Broderick, Philip E.

Brown, Kenneth D.
Bryan, Sylvan C.
Buechler, Eugene A.
Burnham, Francis H.
Burton, John A.

Butz, Marion F.
Calvert, Philip B.
Carey, Robert E.
Carter, Dwight C.
Carter, William John

Chase, Leland D.
Chi, I-Lun Allen
Christensen, Delmar C.
Christensen, Douglas H.
Christiansen, Ronald M.

Clarey, Joseph Emert Jr.
Cole, Robert C. Jr.
Cook, James A.
Cook, Raymond E.
Cordiner, William S.

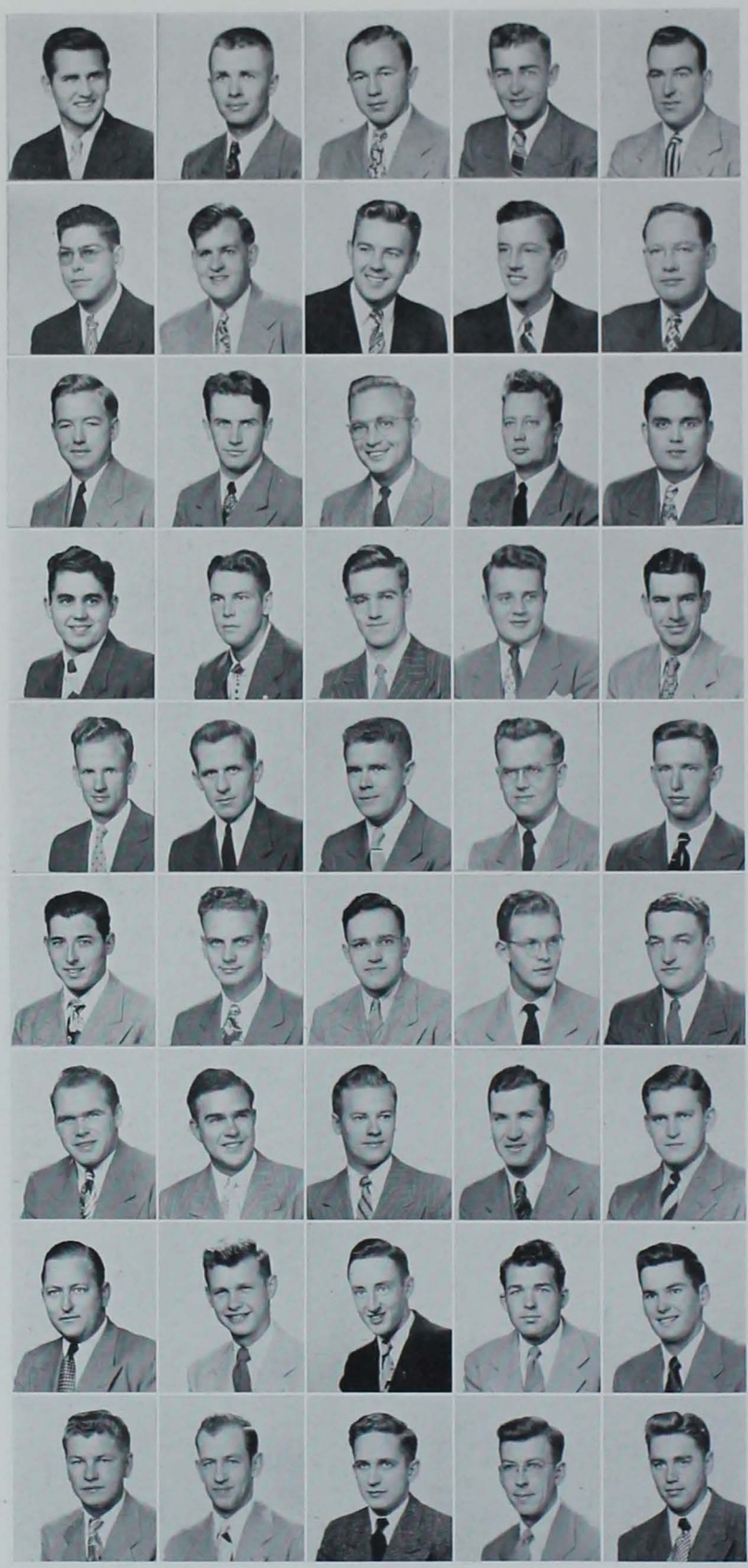
Cox, Calvin C.
Curde, Ted W.
Curry, William H.
Curtis, Carl W.
Cutter, Charles M.

Danielson, Mervin G.
Davies, James R.
Davis, Richard S.
Davis, Shadrach E.
DeButts, Virgil L.

Deihl, Irving R.
Deinema, John W.
DeKalb, Victor M.
DeKoster, Roger P.
Detlefs, Darwin W.

Dettmann, Emeron P.
DeWolf, Roger T.
Dinkel, Jack E.
Donelson, Harlan J. Jr.
Doolittle, Darle M.

Doran, Sam W.
Doty, Vernon E.
Doty, Wayne
Drahota, Donald H.
Drexler, Robert E.



Droste, Edward V.
Dubbert, James W.
Dyas, Richard H.
Eason, Bert F. Jr.
Edwards, Howard P.

Eggerman, Hershel W.
Eggimann, Elmer F.
Einspahr, Dean W.
Elder, Charles M.
Elderkin, John D.

Eldridge, Maurice E.
Emme, Harold H.
Enos, Edward
Ensberg, Sidney R.
Farrington, Ralph S.

Farrington, Willis G.
Fehr, Milton E.
Ferris, Calvin M.
Fields, John F.
Fisher, Wayne M.

Fjare, Milford A.
Foley, John L.
Foust, Leo H.
Frantzen, Karl H.
Frederick, Leo E.

Gagnon, John B.
Gardner, Walter H.
Gasser, William R.
Gerlach, George M.
Gervais, Hugh B.

Ghostley, Fred J.
Gildermaster, Lyle H.
Goddard, Donald W.
Goetsch, Forest L.
Gossard, Dean C.

Grainge, Floyd M.
Graham, James H.
Graver, George D.
Greene, J. Russell
Grist, Richard P.

Grodahl, Wayne R.
Hackbarth, Merrill L.
Halver, Bernard A.
Hans, Eldon J.
Hansen, Carlyle E.

Hanson, Arlon L.
Harmon, Charles H.
Harper, Harlan P. Jr.
Harrington, Thaddeus A.
Hasek, John M.

Haskell, Albert M.
Hatcher, Roy G.
Haupt, Ernest G.
Hauser, George P.
Hawks, James W.

Hays, Richard H.
Hazlitt, James R.
Henderson, John E.
Henryson, Roy K.
Hibray, Arthur J.

Hickman, Forrest F.
Higgins, Robert F.
Hillman, Wayne C.
Hills, James A.
Hilts, Harry E.

Hines, Paul O.
Hodges, James C.
Hohl, Melvin L.
Holmes, Wayne A.
Howell, Thomas E.

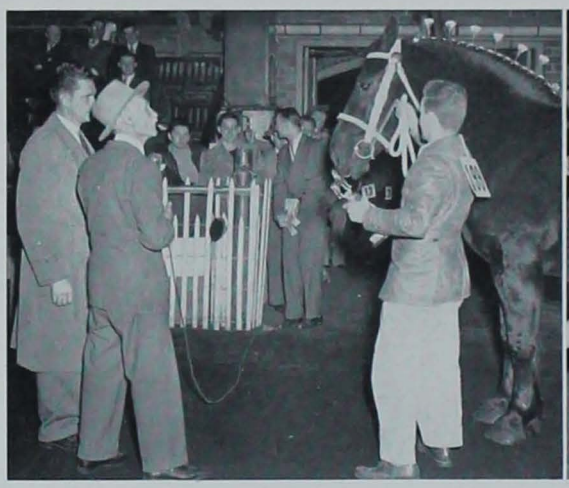
Hughes, Robert F.
Hughes, William G.
Hulse, Gene W.
Humphrey, Samuel D.
Inglis, Stanley B.

Ipsen, Lorenz R.
Jensen, Charles H.
Jensen, Jens C.
Johannes, Donald I.
Johansen, Richard E.

Johnson, Gene L.
Johnson, Wallace E.
Johnson, William Albert
Jones, Gail M.
Jordan, William R. Jr.

Kalahar, Kenneth E.
Kaufman, John D.
Kehrberg, Earl W.
Kellogg, Wallace H.
Kessler, Kenneth W.

Freshmen agronomy students team up to make a soil analysis.



A prize winner at the Little International looks a bit unhappy with an inedible trophy.

Square dancing at Plow Jockey's Hop, or where the Sam Hill is my date.

Fall beauty in the formal gardens.

Kester, Lloyd T.
Knapp, Glen A.
Koch, Berl A.
Koele, Earl M.
Kohrt, Forrest J.

Koster, Floyd F.
Lage, Wesley G.
Larsen, Ludvik I.
Larson, Bert M.
Larson, Norman R.

Lauger, John E.
Laurick, Edward H.
Layman, Roy W.
Legg, Joe E.
Leman, Charles F.

Lepley, Kenneth C.
Locke, Robert L.
Loonan, Richard R.
Lorenzen, Francis Dale
Lorenzen, Rodney J.

Lovestead, Howard S.
Ludeke, Lyle E.
Lux, Robert K.
Lyddon, Richard E.
Lyle, Henry R.

Lyon, Robert A.
Lynn, Robert R.
McAndrews, Philip J.
McCormack, Robert J.
McCormick, Patrick M.

McDade, Elmer F.
McFerson, Robert T.
McGehee, Eugene H., Jr.
McGrath, Thomas J.
McIntosh, John T.

McKee, William J.
Maddock, Helen M.
Magill, Robert C.
Maifeld, Darrel L.
Mart, Harold B.

Martens, Clarence C.
Mathers, John Terry
Maupin, Dale V.
Maynard, Bill
Mellem, Robert G.

Mills, James W.
Mitchell, Herbert E.
Mitchell, Howard D.
Moffitt, John G.
Monaweck, John F.

Monson, Elmer
Montague, Ray H.
Moody, Elbridge R.
Morlock, William G.
Moser, Bruce O.

Munson, Willard E.
Nall, Merle D.
Nashif, Selim A.
Neidigh, James H.
Nelsen, Arnold D.

Neuroth, Florian L.
Newton, Edmund V.
Nielsen, Wilbur C.
Nisson, Raymond A.
Ohms, Dewey N.

Oilschlager, Ellsworth E.
O'Neal, Roger E.
Page, John M.
Parker, Robert E.
Parsons, John W.

Paustian, Verne R.
Perrier, John D.
Perrin, Calvin D.
Peters, Owen H.
Petersen, Charles J.

Petersen, Emmanuel J.
Peterson, Keith E.
Peterson, Orin J.
Petersen, Roger G.
Pflueger, Donald H.

Phillips, John C.
Phillips, Merrell L.
Phillips, Richard
Pierson, Arlie A.
Pietsch, Wesley W.

Pilgrim, James S.
Pinneo, James E.
Pinney, George F.
Plocker, John C.
Poston, William E.

Potter, Lyle A.
Powers, Melvin L.
Pugh, Eugene C.
Purcell, L. Dale
Quiggle, Ralph O.

Quiner, David B.
Quinn, Kenneth E.
Radakovich, Nick
Reade, Frances C.
Rector, James D.

Reichlinger, Perry F.
Reilly, Jack R.
Reinke, Eugene F.
Renard, Gene E.
Reynolds, Eugene E.

Rhodes, Samuel M.
Rich, William C.
Riches, Alvin J.
Robb, Thomas A.
Roberts, Thomas H., Jr.

Robertson, Gaylord K.
Roos, Donald O.
Rusk, Carl V.
Rusk, George D.
Sandage, Duane W.

Sayre, Carl J.
Schlutius, George W., Jr.
Schmidt, Howard N.
Schwietert, Herb
Sellers, John E.

Sharp, Virginia
Sheldon, John M.
Shelton, DeWitt S.
Sherbring, Milton J.
Shipman, Keith D.

Shorb, Robert F.
Sinek, Don J.
Singh, Ranjit
Skinner, Robert L.
Smith, Max A.

Smith, Richard L.
Smith, Thomas R.
Smoot, John E., Jr.
Sorensen, Richard M.
Spangler, Charles E.

Speer, Vaughn C.
Stedman, Richard E.
Steffen, Gaylord R.
Stellrecht, Sam J.
Stockwell, Richard C.

Strayer, R. Earl
Stritzel, Joseph A.
Strong, Donald L.
Stucker, Dean B.
Studt, Dale M.

Svien, Thomas A.
Surbaugh, Craig A.
Swanson, Claire L.
Swanson, James D.
Swanson, Robert M.

Swanson, William B.
Swearingen, George R.
Swegle, Wayne E.
Swenson, Robert E.
Swenson, Russell

Thomas, Walter I.
Thomsen, James M.
Thompson, Thomas J.
Timko, Paul A.
Turner, Robert I.

Turrell, Gordon L.
Tuttle, David C.
Underwood, Charles H.
Van DerKamp, Ralph Paul
Vohs, Robert L.

Wagner, Douglas E.
Walker, David G.
Walters, Robert E.
Watts, Russell V.
Webber, Frank T.

Wendling, John D.
Werth, Willard J.
Whalen, Russell G.
Wheat, Joseph G.
Whipple, Carl M.

Wicks, Wallace, W.
Wight, Robert K.
Wilcox, Lyle W.
Wildemuth, Robert E.
Wilkinson, Dean R.

Willasson, Donald E.
Willer, Wendell D.
Wojahn, Kenneth E.
Wolle, Jack I.
Worm, Jens

Yungclas, Bruce A.
Yuska, Alvin F.

Agronomy students sample their wares. The popcorn business must be profitable.

Milk punch at the DI Club dance.

Dairy Husbandry judges look over the new models in the bovine four cylinder class.

POULTRY JUDGING TEAM—Lynn, Ghostley, Penquite, Bray, Lux.

JUDGING TEAMS

Many silver trophies were won for Iowa State College during fall and winter quarters by the judging teams in the Division of Agriculture. The Iowa State dairy products judging team, coached by W. S. Rosenberger, was named grand winner at the Dairy Industries Exposition in Atlantic City. At the International Livestock Judging Exposition in Chicago the meat judging team, coached by Edwin A. Kline, placed among the top nine of the nineteen competing teams. Dr. Robert Penquite coached the poultry judging team which won sixth place at the Midwest Intercollegiate Poultry Judging Contest. The livestock judging team traveled with Coach Vern Kerchberger to the International Livestock Exposition in Chicago and placed third.

MEAT JUDGING TEAM—Lancaster, Hillman, Hodges, Johns, Bennett, Kline.

DAIRY CATTLE JUDGING TEAM

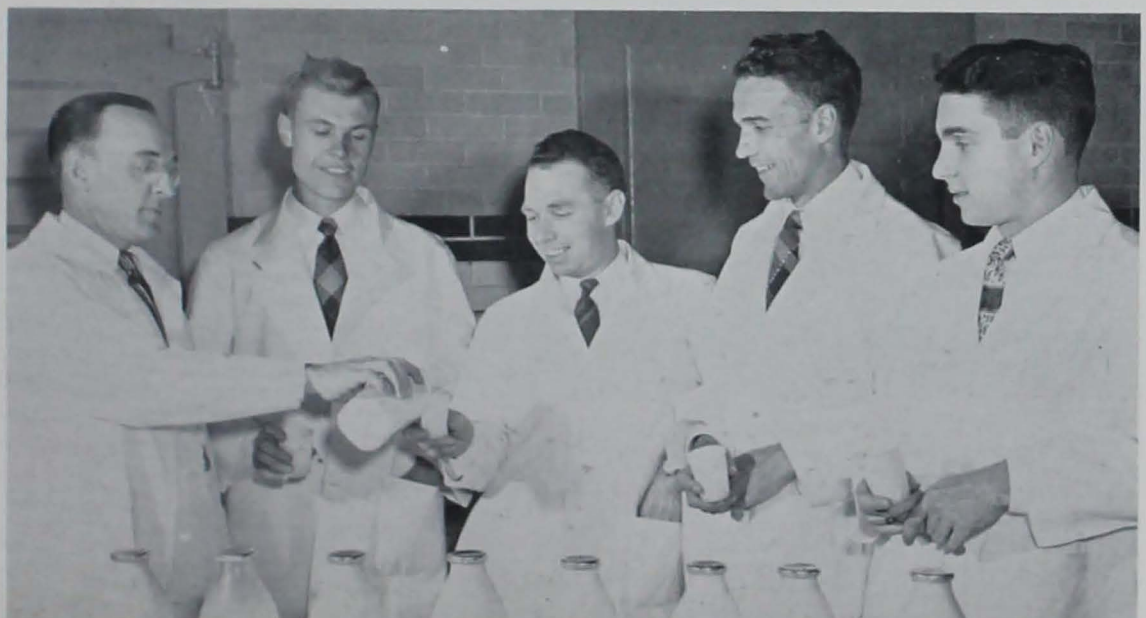
Bellman, Porter, Eason, Willer, Smith.

LIVESTOCK JUDGING TEAM

Front Row: T. Smith, Willer, Eason, R. Smith. *Second Row:* Harper, Bellman, Cole, Bryan, Kerchberger. *Top Row:* Beaver, Darrow, Legg, Nelson.

Judging teams upheld tradition by placing high in contests throughout the country

DAIRY PRODUCTS JUDGING TEAM—Rosenberger, Fitch, Davies, Nelson, Pflueger.



Upper: *Ag Economists, Vogelsang, Tabb, Evely, Lauger and Kern, look over the revised AE Council constitution.* Lower: *Richard Walters at the keyboard as Ag Econ voices are raised in song.*

AGRICULTURAL ECONOMICS CLUB

Cider and hot dogs welcomed the new members of the Ag Econ Club last fall as the club threw their get-acquainted party, "The Cider Spree," at Lynn Fuhrer Lodge.

The members were introduced to the faculty at the annual club banquet held winter quarter. Dr. Sharp, of the History and Government Department, was the main speaker of the evening.

Early last fall the club petitioned the American Farm Economics Association for a student membership in the organization. The petition was accepted and acted upon. Due to this impetus, Ag Econ Clubs from all over the country sought membership in the AFEA. The Iowa State chapter received their charter during spring quarter.

The officers of the club for the past year were John Elderkin, president; John Lauger, vice president and Charles Anderson, secretary-treasurer.

Front Row: Arthur, Smith, Anderson, Elderkin, Lauger, Alexander, Spangler. *Second Row:* Bridges, Brennecke, Hackbarth, Shelgren, Thomas, Lehman, Rusk, Buse. *Third Row:* Busse, O. Britson, Cooper, Kochheiser, Hopkins, Eis, W. Britson. *Fourth Row:* Morlock, Sexton, Walker, Nissly, Allen, Kern. *Fifth Row:* Tabb, Chappell, Drahota, Goetsch, Evely, Linder, Walter. *Top Row:* Pownall, Guy, Dornath, Johnston, Lage, Brady, Aigler.

Front Row: Book, Rix, Reichlinger, Bundy, W. Cook, Beitz, Knau, Thomsen. *Second Row:* Ferris, Babcock, Friedrich, Palmer, River, Russ Swanson, Wildemuth, Stritzel, Smith. *Third Row:* Akers, Carpenter, Haupert, Williams, Caspers, Robert Swanson, Carlson, Watts, Cordiner. *Fourth Row:* Barnes, Habben, Ruppel, R. Cook, Skinner, Nelson, Simonson, Dettmann. *Fifth Row:* Anderson, Eggerman, Duin, Powers, Ensberg, Maupin, Shubat, Hall, Kile. *Top Row:* Hoover, Blake, Ashby, Kehrberg, Gillespie, Magill, Needles, Duvall, Riley, Conklin.

Front Row: Hussey, Stephenson, Shelton, Ausen, Van Loh, K. Anderson, Feldt, Jimmy Miller. *Second Row:* Phillips, Mart, Billings, Parsons, Hartman, Guse, Martin. *Third Row:* Halvorson, Studt, Millard, Mecklenburg, Doty, Purcell, R. Anderson, Hettich. *Fourth Row:* Casey, Ford, Theobald, Ramsay, Brown, Swearingen, Hibben, Smith, Andersen. *Fifth Row:* Ament, Moffatt, Bear, Seebach, Ehlert, Kaufman, McIntyre, Saupe. *Top Row:* Baird, Werth, Rich, Jonas Miller, Lynn, McAlexander, Bell, Ahlrichs, Jeske.

AGRICULTURAL EDUCATION CLUB

The Agricultural Education Club made much progress this year in stressing its purpose of furthering interests in education and keeping in touch with other fields of teaching.

The most important step in this direction was the publication of a newsletter last winter quarter. Don Rix and Ross Rivers were appointed editor and associate editor for the initial issues. The newsletter was designed primarily to maintain a contact between the members of the club and alumni and to keep both groups abreast of what the other is doing in the field of education.

The club sponsored an informal dance winter quarter in keeping with its policy of maintaining friendship and interest among its members. In the spring a picnic was held in conjunction with the other education groups on campus. Even the wives of the club's members showed an interest in its activities and during winter quarter formed an auxiliary.

At the last count there were more than 120 members in the club. The officers for the past year were Williard Cook, president; Myles Beitz, vice-president; Creighton Knau, secretary and Darrell Book, treasurer. Faculty advisor was Clarence Bundy of the Department of Vocational Education.

AGRONOMY CLUB

As part of its program to foster interest in agronomy and further the welfare of its students, the Agronomy Club sponsored several outstanding speakers and provided social functions for its 85 members this year.

At the annual agronomy banquet held in February, Rex Conn was the principal speaker. Conn is noted as an outstanding Iowan in agricultural journalism.

Fall quarter the club held a weiner roast and barn dance at the agronomy farm. Professor "Red" Thompson called the dances for the members and their dates.

The club aims to cement relations between the faculty and students in agronomy. In the spring the members and their instructors had a chance to get acquainted at the Club's student-faculty picnic.

A newsletter, under the direction of the club, was published once a quarter. Its purpose was to let the alumni in the field of agronomy know what the undergraduates were doing. Neal Clemmer and Al Bull served as co-editors of the newsletter which did its part in keeping interest in agronomy high.

Al Bull, a leading member of the club, received a high honor when elected president of the National Student Section of the American Society of Agronomy this year.

Officers for 1948–1949 were Irving Deihl, president; Walter Thomas, vice-president; Max Roy, secretary; Thomas Roberts, treasurer, and Delbert C. Baker, program chairman. B. J. Firkens and C. S. Dorchester served as faculty advisors.

Front Row: Bruene, Haskell, Henderson, Baker, Wilson, Matzinger. *Second Row:* McGuire, Swanson, Bull, Spies, Beneke, Clarey. *Third Row:* McCart, Danielson, Hanson, Fehr, Curtis. *Top Row:* Buckner, Turner, Luse, Persinger, Sunderman, Curry.

Front Row: Russel, Monson, Thomas, Deihl, Roy, Boss. *Second Row:* Doughty, Hansen, Behnke, Berry, Musil. *Third Row:* Clemmer, Eldridge, Fisher, Johannes, Wilbur Bennett, C. Smith. *Top Row:* Curry, Grabe, R. Smith, Walter Bennett, Baughman, Dubbert.

DAIRY INDUSTRY CLUB

The pride of the Dairy Industry Club was their championship judging team. This year the group won the sweepstakes award at the Dairy Industries Exposition held at Atlantic City, New Jersey. First place in the butter and milk division also fell to the team and Don Pflueger walked off with top honors in the ice cream judging contest.

Not only did the club give the men a chance to develop their abilities, but it also brought outstanding speakers before the group, and furnished social activities for them. Job opportunities and what the DI graduate may expect from industry were the main themes of speakers from such dairy products companies as Bordens, Fairmont, Carnation and Pet Milk.

Early last fall the club sponsored a picnic at which all the new members got a chance to meet the faculty and old club members. During winter quarter the DI's held a dance with music furnished by the Skyliners. A new project started this year was the publication of an alumni directory.

The club is governed by a steering committee which is composed of two men selected from each class. It is their job to direct the activities of the group into such channels as providing an opportunity for each man to develop his abilities so that he may do a better job in his chosen field.

John Page served as president this year. Other officers were Don Karns, vice-president; Sam Humphrey, secretary, and Don Pflueger, treasurer. Faculty advisor was V. H. Nielson.

Front Row: Gideonson, Nelson, Rhodes, Shepherd, Calvert. *Second Row:* Swanson, Coe, Weber, Buttrick, Vittengle. *Third Row:* V. Nielsen, I. Davies, Coyle, J. Davies, Mortensen. *Fourth Row:* Southwell, Henryson, Bassett, Andreae, Watts. *Top Row:* Struthers, Nashif, Iverson, W. Nielsen, Kester, Fitch.

Front Row: Gervais, Lyon, Page, Pflueger, Platt. *Second Row:* Reinke, Wight, Weir, Haupt, Paugh, Silverwise. *Third Row:* Jones, Sisler, Gerry, Nelsen, Braymen, Gernand. *Fourth Row:* Behrens, Johansen, Vogelgesang, Williams, Dodson, Hildreth. *Top Row:* Foley, Whalen, Norris, Meyers, Larsen, Lund, Morris.

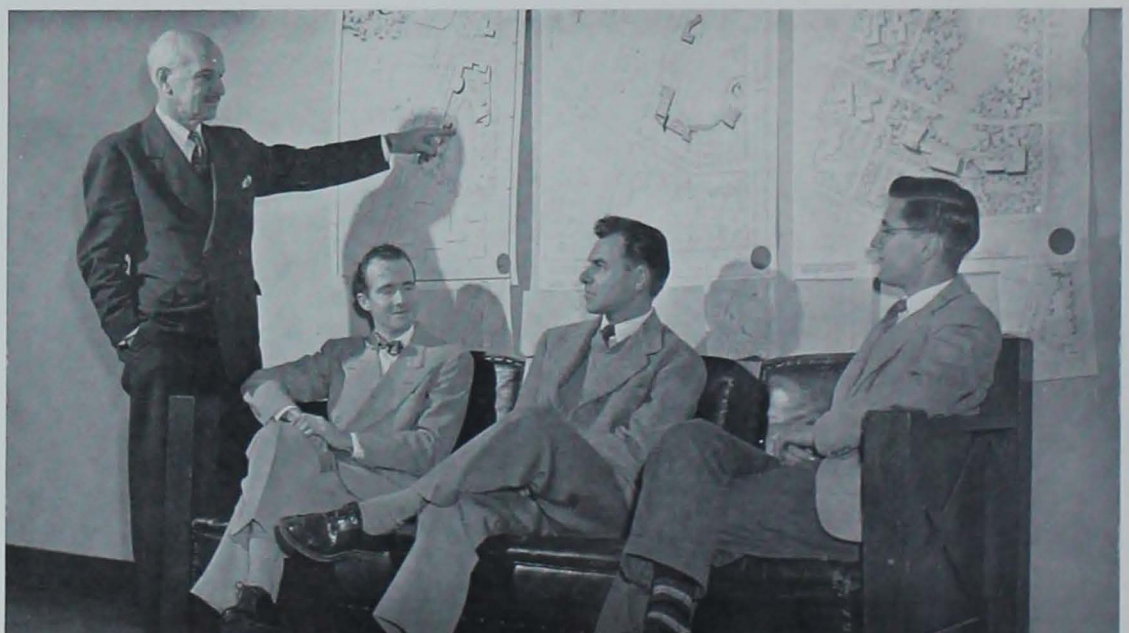
Ag Council President Bud Willer presents a key to Secretary Irving Deihl.

Plenty of volunteers to speak at Ag Engineering Club meeting.

Poultry Club watches a movie on latest developments in the springer and fryer business.

Industrial Education Club works in leathercraft.

Prof. P. H. Elwood points out details to community center design contest winners Fogers, Stockwell and Leman.



BLOCK AND BRIDLE

One of the busiest organizations on campus was the Animal Husbandry Department's club, Block and Bridle. Last Veishea, as they have for several years, the club sponsored the Veishea Horse Show. There were 135 horses entered in the event and more than 6,500 people attended. At Block and Bridle's banquet last winter the main speaker was J. C. Penney, famous chain store executive.

The club gave its members a good deal of practical application in animal judging. In the spring it sponsored the freshman and sophomore judging contests and it sent members to the Little International Livestock Show. Medals were awarded to outstanding men on the judging teams.

Meetings were held every month at which the speakers were usually outstanding Iowa agriculturists. Durward Lyon was president this year and Don Beals served as vice-president. The faculty advisor was Roy Kottman.

C'mon, kiddo, look sharp. You won a trophy.

Front Row: Miller, Kottman, Maddock, Beals. *Top Row:* Willer, Bivens, Lyon, Rinner, Egli.

Front Row: John, Wiener, Dean, Carver, Hippaka. *Second Row:* Steffen, Walters, Wilson, O'Connell, Curde, Ecklund. *Third Row:* Sorensen, Davis, Droste, Worm, Bales. *Fourth Row:* Bengtson, Bilyen, Doty, Cramer, Smith, Gross, Brown, Larsen, Baker, Andersen, Burch, Laun, Swenson. *Top Row:* Sigurdson, Bennett, Sommers, Harrington, Wagner, Olson.

Front Row: Alley, Ames, Tuttle, Sheldon, Steinbach. *Second Row:* Meek, Shorb, McFarland, Fields, Smoot, Bahr. *Third Row:* Newton, Burnham, Welch, Watkins, Pagliai. Fourth Row: Webb, Frey, Gregg, Kalahar, Gipson, Pugh. *Fifth Row:* Bridenstine, Wright, Maupin, Martens, Wilson, Kessler, Bancroft. *Top Row:* Grainge, Peterson, Mossman, Mahon, Lyddon.

INDUSTRIAL EDUCATION CLUB

The Industrial Education Club provided fellowship for its 150 members. The group met twice a month to discuss problems pertinent to the industrial education field and to promote professional standards among the members.

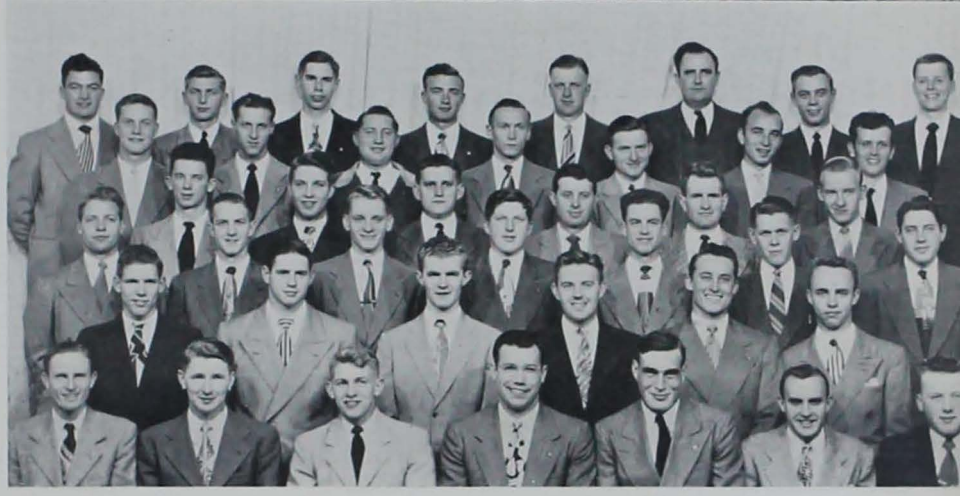
A newsletter, *Shop Shavings,* was published fall and spring quarters for graduate and undergraduate industrial educators. In addition it was sent to various high schools throughout the state. Dick Dyas edited the newsletter this year.

The club also sponsored a fine social program. The wives of club members belonged to an auxiliary, meeting twice a month, and many parties were held by the two clubs. One of the most successful parties was held last Christmas. It featured square dancing and bingo and was complete even to door prizes and a nursery for the kids.

In the spring the club was host to the sectional convention of the Iowa Future Teachers Association. A quarterly smoker was held in recognition of the graduating seniors. A dinner was combined with the smoker spring quarter.

Dave Tuttle was president this year; with Ed Ames, vice-president, and Walter Alley, secretary-treasurer. The faculty advisor was L. L. Carver.

Front Row: Peterson, Fixsen, Landman, Taylor, Sherbring, Anderson, Popp. *Second Row:* Goddard, Moehler, Pietsch, Willasson, Grimes, DeKalb, Grist. *Third Row:* Kiemle, Hadacek, Webber, Enos, Horton, Hasek. *Fourth Row:* Takes, Hammond, Potter, Homan, Hills, Horak, Gaffney. *Top Row:* Wicks, Brabham, Dale, Petersen, Campen, Martin, Merriam, Kiewel.



Front Row: Robertson, Reynolds, Evans, Oilschlager, Schmidt, Young, D. Johnson. *Second Row:* Haygreen, Cnellin, Conger, Einspahr, Sapousek, Criswell. *Third Row:* Rozeboom, Patton, Doolittle, Ehrlich, Timko, Drexler, Stoppel. *Fourth Row:* Hartman, Clay, Gossard, McAndrews, Hertel, Zeinert. *Fifth Row:* Jahnke, Haack, Buchholz, Lodge, W. Johnson, Rymer, Hanna. *Top Row:* Galgano, Edwards, Bonson, Sprick, Lovestead, Jordan, Posekany, Gates.

FORESTRY CLUB

The Ames Forestry Club's purpose is to foster a spirit of comradeship among the forestry students at Iowa State.

The forester's game banquet was the first social function of the year for the club. Bruce Stiles, head of the Iowa Conservation Commission, was the principal speaker. The main course of the dinner was moose meat.

The club also sponsored the "Forester's Hoedown Dance" during winter quarter to shake the kinks out of their legs. In the spring they put on one of their biggest affairs, the Paul Bunyan Day celebration. Wood chopping, sawing and log rolling contests on Lake LaVerne highlighted the day.

The *Ames Forester*, an annual publication for forestry students and alumni, was published this year by the club. The editor was Dean Einspahr.

Last year the club boasted the largest membership since its formation. Two hundred and twenty-five students were members, besides the graduate students and faculty who were considered honorary members.

Ellsworth Oilschlager served the group as president, Howard Schmidt as vice-president, John Evans as secretary and Charles Barnes as treasurer. The faculty advisor was George Thomsen.

POULTRY CLUB

The Midwest Egg, Chick and Poultry Show sponsored last Veishea by the Poultry Club was the only show of its kind in the nation. This was the major achievement of the club in their effort to stimulate interest in the poultry field and to better acquaint the poultry majors with one another.

The club also sponsored a poultry judging team which ranked high in national competition. The team placed first in a nationwide contest sponsored by Michigan State College.

To wind up a successful year a banquet was held spring quarter. Keys were given to the judging team members and Kirk Fox, editor of *Successful Farming*, gave a short talk.

Bob Lynn was president this year and Dr. Robert Penquite was faculty advisor.

SSLA

The "Beaux-Arts Ball" provided entertainment and excitement for the Student Society of Landscape Architects this year. The theme of the ball was a New Orleans street dance. Costumes ranged from the cave man variety to a modernistic, and realistic, balloon dancer.

In line with their purpose of providing educational material the society presented many outstanding speakers for its members. These included a member of the planning commission of TVA, a speaker from the Chicago Planning Commission and the president of the American Institute of Planners.

Officers this year were Eugene McGehee, president, and Jack Reilly, vice-president. The group's faculty advisor was Prof. P. H. Elwood, Jr.

POULTRY CLUB

Front Row: W. Lux, Bray, Lynn, F. Ghostley, Penquite. *Second Row:* Manship, Patino, J. Ghostley, Davis, O'Connell, Kropf. *Third Row:* Hattendorf, Doolittle, Sams, Rogness, Jensen. *Fourth Row:* Farrington, Ward, Shoenhair, Voss, Riches, Wollney. *Top Row:* Hamilton, Anderson, R. Lux, Lee, Kinion.

SSLA

Front Row: Lindsey, Mahannah, Beard, McGehee, Hanson, McCord, Reilly, Erickson, Mueller. *Second Row:* Thiel, Kluber, Fieldhouse, Hamilton, Strayer, Maney, Ruvolis, McCosh, Jensen. *Third Row:* Barton, Wiedemann, Rogers, Norris, Halver, Buel, Butz, Farrington, Oblinger, Dunlavey. *Fourth Row:* Renard, Wehrman, Adams, Swanson, Gayle, Gudmundson, Arbegast, Hawks, Knight. *Fifth Row:* Dyas, Stockwell, Pickford, Dunham, Dolling, Wolle, Steen, Goodwin, Bowlsby, Roos. *Top Row:* Layman, Hays, Leman, Claassen, Peters, Sinek, Neidigh, Stellrecht, Quiggle.

Front Row: Volz, Lantz, Sharp, Sites, Nichols, Foret, Haber. *Second Row:* Zarub, Willis, Gates, Green, Taylor, Monroe. *Third Row:* Palmer, Beck, Selvig, Nelson, Knapp, Kirkpatrick, Bundy. *Fourth Row:* Mitchell, Barnett, Reade, Stanek, Totemeier, Feyerabend. *Fifth Row:* Akerson, Gardner, Elmquist, Bohannan, Vogeney, Pierson, Wolf. *Top Row:* Blankenburg, Pfeiffer, Ingersoll, Jorgensen, Cook, Walker, Albini.

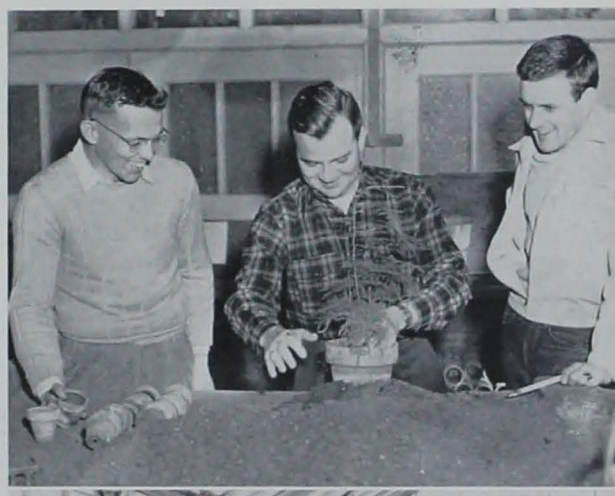
HORTICULTURE CLUB

Each year the Horticulture Club sponsors the Little Midwest Horticulture Exposition, one of the largest events of its kind in the midwest. This year it featured exhibits of fruits, flowers and vegetables, bringing a welcome change from the Iowa winter for its visitors. John Knapp was manager of the 1948 show and Logan Monroe served as his assistant.

Cooperating with the Women's I Fraternity again this year, the Hort Club sold mums at the Homecoming game as part of its many activities.

This year's officers were Linn Sites, president; John Heuer, secretary; John Green, treasurer, and Charles Gates, historian. Dr. E. C. Volz was the organization's faculty advisor.

Upper: *Horticulturists lay a friendly little fern to rest among the pots.* Lower: *Hort Club inspects the latest thing in geraniums.*



FARM OPERATION CLUB

The Farm Operation Club was founded by students in the department to promote interest in the Farm Operation curriculum and to fulfill its objectives. In addition it serves as a medium for social activity and fellowship among the members.

The Club's 150 members met once a month. To further their purposes, speakers from the campus and other leading agriculturists were invited to offer educational material and practical advice to the members. One such campus speaker was Dr. Lush, of the Animal Breeding Department.

Early fall quarter the club sponsored their annual square dance, "The Plow Jockey Jump." Prof. Holcomb, assistant dean of the Division of Agriculture, did the calling.

Dean H. H. Kildee was the principal speaker at the annual banquet held winter quarter. During the ceremonies Prof. Holcomb was awarded an honorary membership in the organization.

Farm and Home Week gave the club another opportunity to promote the interests of Farm Operations among those actually in the field as well as the students. In conjunction with Block and Bridle, departmental club of Animal Husbandry, it sponsored as a speaker John De Valois, the director of the American Arcot Agricultural Mission Institute.

John T. Huser served the group as president, Roger Aronholt as vice-president and Kenneth Evans as secretary-treasurer. Faculty advisor for the past year was A. T. Odegaard.

Front Row: Stampfer, Evans, Aronhalt, Huser, Odegaard, Heline, Beggs. *Second Row:* King, Cannell, Bollman, Brinkman, Jennings, Buerkens, Feldman, Jessen. *Third Row:* Bornholdt, Cuhel, Lundt, Carrington, Scallon, J. Klopfenstein. *Fourth Row:* Moss, Howell, Hensing, Hibbing, W. Klopfenstein, Barker, Reeves. *Fifth Row:* Meyer, Pingry, Smith, Needham, Rohlf, Ross, Sparrow, Robinson. *Top Row:* Weldsten, Johnson, Dellinger, Maxwell, Edelen, Opperman, Temple.

Front Row: Murray, Grieve, Huston, C. Henriksen, Broderick, Ginger, Haas. *Second Row:* Ault, Riggins, Dockstader, Dugan, Brusie, Hench, Grafft, Hamilton. *Third Row:* Meyer, Frederick, N. Henriksen, Buck, Twinom, Allan, Hawthorn. *Fourth Row:* W. Weber, Menerey, D. Weber, Templeton, Rathbun, Davis, Diehl, Palmquist. *Fifth Row:* Green, Drake, Mayer, Carlon, Parker, Kassel, Willey. *Top Row:* Yokie, Barnhart, Gourley, Golden, Strohbehn, Roorda, Fleming, Campbell.

ASAgE

The Iowa State student chapter of the American Society of Agricultural Engineers started their social program for the year with the "Grease Monkey's Ball," a combination hayride and dance. Myers Rossler acted as general chairman in organizing the annual event.

In line with their purpose of providing educational material for its members, the society invited J. Dewey Long, of the Bureau of Plant industry, Soils and Agricultural Engineering, to be their principal speaker at the annual banquet spring quarter.

The group also worked in close association with its parent organization, the American Society of Agricultural Engineers.

One of the most noteworthy accomplishments of the group was the winning of the Farm Institute Award. This award was given for activity work by Agricultural Economic societies, and the Iowa State chapter of ASAgE won the honor in national competition.

Tom Clague was honored nationally when elected president of the national ASAgE student organization this year. The society ended their social year with their annual spring quarter picnic at the Ledges State Park.

Officers for the past year were Leonard Janssen, president; John Moody, vice-president; Howard Johnson, secretary, and Wayne Ducommun, treasurer. Professor Hobart Beresford served the group as faculty advisor.

Front Row: Peart, Brown, Dingle, Jay, Jedele, Phillips, Rogers. *Second Row:* Tullis, Storm, Morgan, Woodruff, Rystrom, Berchenbriter, Frevert. *Third Row:* Nelson, McGrath, Bonnicksen, King, Calderwood, Cook. *Fourth Row:* deBuhr, Ellison, Wallin, Frohardt, Van Schilfgaarde, Lunstrum, Keller. *Fifth Row:* Jefferson, Anderson, Brueck, Colony, Jensen, Clement. *Top Row:* Pugh, Berryhill, Etchen, Jessup, Yoerger, Boyt, Eliason.

Front Row: Moody, H. Johnson, Beresford, Janssen, Ducommun, Skjerseth, Clague. *Second Row:* Long, Skromme, Ahlgren, Eden, Ali, Goode, Maley. *Third Row.* Grosvenor, Yates, Liljedahl, Hunter, Greiner, Glen. *Fourth Row:* Corkery, Woodward, Sowers, Pederson, Manny, Swank, Miller. *Fifth Row:* Rossiter, Flint, Christensen, River, Noble, Brandt, Dahlberg, R. Johnson. *Top Row:* Willrich, Mongeon, Herum, Waite, Fisch, Bittinger, Moore.

From murals in the Iowa State College Library directed by Grant Wood.

DIVISION OF ENGINEERING

The Division of Engineering was organized about 1896 with four departments but now contains eleven. Its faculty includes the members of the departmental staffs, the Engineering Experiment Station and the Extension Service.

The curricula are designed to prepare the students for success in professional work in engineering. About 900 engineering students received degrees this year.

During the past year more than 300 companies who employ engineering graduates visited the campus. These companies provided almost 6,000 interviews. About three out of every ten engineering graduates accept employment in Iowa. This number is gradually increasing.

In March, 1947, Dr. J. F. Downie Smith became Dean of Engineering and Director of the Engineering Experiment Station and the Extension Service. Dean Smith was graduated from Glasgow University in 1923. He continued his collegiate work in the United States and recived his M.S. from the Georgia School of Technology, his M.E. from the Virginia Polytechnic Institute and his Sc.D. from Harvard University.

Dr. J. F. D. Smith
Dean

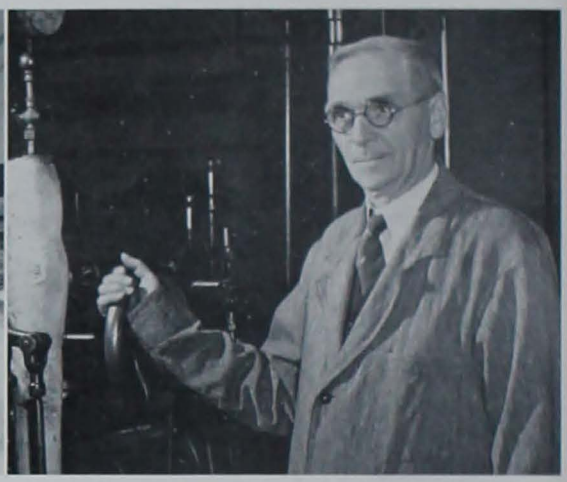
Before coming to Iowa State Dean Smith was Executive Engineer of Research and Development with the E.G. Budd Manufacturing Company and served as Chief Engineer of the Aircraft Section and Head of the Engineering Department of the United Shoe Machinery Corporation.

Prof. F. Kerekes
Civil Engineering

Prof. J. D. Ryder
Electrical Engineering

Prof. H. A. Webber
Chemical Engineering

Prof. L. Wolf
Architectural Engineering



Prof. J. G. Hummel
Mechanical Engineering

Prof. J. P. McKean
General Engineering

Prof. M P. Cleghorn
Mechanical Engineering

Prof. W. L. Cassell
Electrical Engineering

Don Bice laughs at a joke by Don Bice while other Engine Council members polish off their cake.

Front Row: Summers, Binger, Shafer, Beckemeyer, Skjerseth. *Second Row:* Somers, Seybert, Jensen, Hansen, Salisbury, Pickford. *Third Row:* Bice, Pennington, Downey, Mathre, Hunter. *Top Row:* Van Houten, Davies, Hedlund, Ruisch, Nobel, McElhinney.

ENGINEERING COUNCIL

Coordinating the work of the various groups in the Engineering Division is the main duty of the Engineering Council. Each fall the council sponsors a freshman reception where the entering freshman gets a chance to see what the various departments of engineering are like and to talk with the department heads. The engineering societies also present exhibits representing what the work in their field involves.

Shortly before Thanksgiving last fall the council sponsored the Engineers Carnival, one of the major events on campus during the year. Almost three thousand people crowded into the Union to see the sideshows and take part in the fun. Over a thousand dollars was netted by the carnival last year. It was then that the men selected for Knights of St. Patrick were pledged.

Towards the end of winter quarter the council sponsored the Engineers Ball. Using the proceeds from the carnival, the engineers presented a bang-up affair. The knights of St. Patrick were formally initiated at the ball. The council also chose the division's Veishea open house chairman.

The council's twenty members, made up of two students from each of the departments of engineering, two representatives to Cardinal Guild and personnel from the staff of the *Iowa Engineer,* were headed by Don Shafer, president, and Bill Binger, vice-president. The faculty advisor to the council was Professor H. J. Beckemeyer.

Ady, Chester E.
Albert, Richard J.
Albertson, Robert D.
Allen, Joseph E.
Allen, Robert F.

Allphin, Paul L.
Alvine, Raymond G.
Andersen, Alfred C.
Anderson, J. Edward
Anderson, Jack W.

Anderson, James H.
Anderson, Mardis V.
Anderson, Paul M.
Appell, Donald W.
Asher, Eldon L.

Ashley, Darrell G.
Baer, John Stephen
Baggs, George C.
Bahle, Gerhardt P.
Baldridge, Robert L.

Baltisberger, James H.
Banks, John G.
Banwart, Russell G.
Barber, John W.
Bard, Dean C.

Barker, Edward G.
Barnett, Arthur L.
Barton, Dean M.
Batchelder, Kenneth L.
Bauer, Fred L.

Beach, Robert J.
Beatty, Harlynn E.
Beck, Charles E.
Beckerle, Ralph A.
Beckman, William F.

Belknap, Warren E.
Bell, John C.
Bennedsen, Ole B.
Bentz, Larue C.
Berchenbriter, Gerald D.

Berka, Jack S.
Berndt, Neil R.
Berry, Dwight C.
Berryhill, Gerald W.
Biagi, Richard A.

Biagioli, Gario P.
Bibb, William V.
Biber, Sheldon S.
Binger, William P.
Bittinger, Morton W.

Blichman, Harvey P.
Bloomberg, Robert T.
Blomgren, Carl V.
Blumer, Leo W.
Bock, Carl V.

Boehm, Harold J.
Boehmler, William H.
Bogue, Victor A. Jr.
Boller, William A.
Bombach, Otto F.

Bonestroo, Allison J.
Bonnell, Dwayne E.
Boots, Wendell K.
Borg, Raymond A.
Bortle, Robert I.

Borup, Marvin W.
Bosnyak, Louis L.
Bossard, B. Carl
Bourne, Joseph B. Jr.
Bowers, Howard I.

Bowers, William W.
Boyer, Russell B.
Brandt, Charles R.
Branscom, Donald D.
Bredar, William L.

Breizy, Charles E.
Brenneman, John H.
Brewer, Kenneth M.
Broadwell, William E. Jr.
Brodersen, William E.

Bromelkamp, Henry J.
Brown, Donald Leo
Brown, Walter C.
Brown, William R.
Brownson, Lloyd D.

Brueck, David A.
Brunson, H. Rex
Bryan, Richard L.
Buck, James H.
Buchanan, John A.

Bugenstein, Walter A.
Bund, George Jr.
Burch, Robert W.
Burke, William H.
Burton, John W.

Burzlaff, Arthur A.
Butler, Eugene R.
Butler, Warren E.
Calvert, A. I. George
Calvert, John W.

Campbell, Robert E.
Carl, Harry S. Jr.
Carlton, Keith L.
Carrell, R. Michael
Carrithers, I. Thomson

Carson, James R.
Carvey, Robert M.
Cassidy, James A.
Chamberlain, Robert G.
Champlin, Robert E.

Chewning, Milton J.
Chrisinger, John E.
Christensen, Bernard James
Christenson, Douglas A.
Cimburek, John

Clagett, James W.
Clague, Thomas E.
Clark, Paul W.
Clark, Robert V.
Clayton, Elmer G.

Clemens, Harley D.
Clock, Donald P.
Cluts, Sammuel Jr.
Coble, Robert B.
Coe, Robert B.

Colderwood, David L.
Colgin, James R.
Collins, Robert K.
Conklin, Smith
Conrad, Robert L.

Convey, Francis W.
Cook, Galen H.
Corrigan, Walter D. Jr.
Cottingham, William T.
Cowles, Harold A.

Crane, Curtis W.
Crawford, Joe V.
Criss, Eugene Jr.
Crooker, William G.
Culbertson, John M.

Cummings, Harry L.
Cummings, Robert F.
Cummings, William P.
Davenport, Jay J.
Davenport, Wendell D.

Davidson, George E.
Davies, Robert D.
Davis, Charles H.
Davis, Daniel P.
Davis, Keith E.

Day, Arthur A.
Decker, George A.
DeJong, Evan G.
Delanhooke, Edward W.
DeLong, Arthur P.

Dennis, Robert L.
Deterding, Leo G.
DeValois, Roger E.
Devoe, Robert C.
Dickason, C. Fred Jr.

Diekmann, Wendell R.
Dobson, Robert D.
Dodd, Robert L.
Doll, Robert J.
Downey, Harold T.

Drewry, John B.
Driftmier, Donald P.
Drilling, Norbert G.
Ducommun, Wayne W.
Duggleby, Richard S.

Dunkin, Doyle L.
Dyson, Gordon E.
Eckert, Edwin O.
Edman, Richard A.
Edwards, James N.

Eike, Eugene F.
Elliott, Loren S.
Ellis, C. Richard
Ellsworth, Richard H.
Engberg, John W. L.

Engler, Thomas R.
English, Gerald R.
Ethington, Paul J.
Evans, Bob O.
Evans, James E.

Evans, Merle C.
Eyer, William C.
Fahden, Guido E.
Farnsworth, Noel C.
Feeken, Dwayne E.

Feldman, Alfred N.
Fennessy, F. Marcus
Fields, Robert C.
Filbert, Norman H.
Fisch, Harrison C.

Fleck, Ronald D.
Fleming, James B.
Fluhr, Frederick, R.
Ford, Robert C.
Forsberg, John H.

Fosselman, Richard P.
Foster, Edward A.
Fox, George S.
Frakes, Richard F.
Franklin, John L.

Franson, Evert E.
Free, John M.
Freeman, John W.
Freitag, Dean R.
Frevert, Willis, D.

Friedgen, Robert D.
Friesth, E. Richard
Fritts, Carroll E.
Frohardt, Melvin W.
Funk, William J.

Gage, Robert D., Jr.
Galligan, Jerry E.
Gamble, Stanley B.
Gardner, Joseph M.
Gasperi, Carl J.

Gasperi, Raymond J.
Gauger, Robert
Geiger, John K.
Geppert, Robert J.
Gibbons, Leland H.

Gibson, James W.
Gildermaster, Eugene F.
Giles, Robert S.
Gilmore, Bruce L.
Gish, Richard W.

Goeldner, Paul
Goode, Cleon S.
Gottfried, Robert E.
Gould, Calvin H. Jr.
Graham, Frederick M.

Graham, Gordon G.
Graham, Ralph S.
Grapes, Robert D.
Griffith, Frank R.
Haas, J. Donald

Hackbarth, Roy K.
Hamilton, David R.
Hamilton, John W.
Hansel, Dale E.
Hansen, Jack T.

Harms, Verne E.
Harper, Clarence E.
Harrington, Jack E.
Harrington, William G.
Harris, James L.

Hartwig, Donald R.
Hassebrock, Kenneth L.
Hauser, Dale R.
Hawkins, Royal R.
Hawthorn, Horace D.

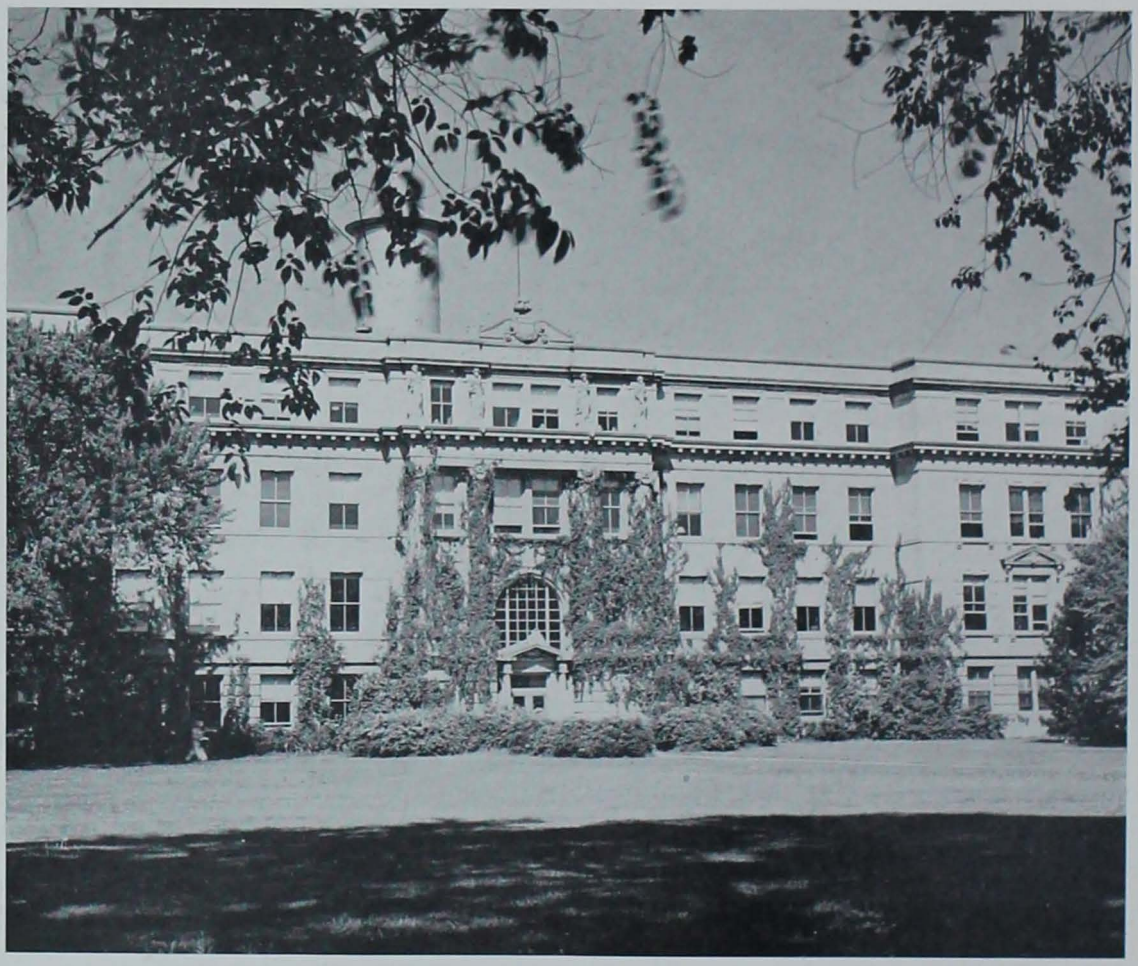
Hayes, Harold L.
Hayes, James W.
Hayler, Frank A.
Hedrick, Franklin F. Jr.
Heeren, Alvin L.

Hegarty, James M.
Heins, Sterling
Herring, Ardis D.
Hess, R. Frank
Heusinkveld, Henry J.

Hibbitts, John C.
Hill, John B.
Hochstetler, Virgil E.
Hoffman, Harold H.
Holdener, Irwin K.

Industrial Engineer Bob Gage presents an award to Prof. Walkup.

Marston Hall



Holets, Vernon L.
Holland, Clyde P.
Holland, Edward Charles
Hood, Lyle D.
Hoppenrath, Raymond E.

Horst, William R.
Houseman, Cecil E.
Hudson, Warren E.
Hughes, James G.
Hughes, Robert Otis

Hummel, Harry H. Jr.
Humphrey, Lewis H.
Hurwicz, Henryk
Huston, John W.
Ilgenfritz, James E.

Inman, Arthur E.
Ives, Rollin C.
Iwerks, Marvin C.
Jacobs, E. Paul
Jaeger, William J. Jr.

James, Claire L.
Janda, Robert I.
Janssen, John E.
Janssen, Leonard F.
Jay, Howard W.

Jeffers, Walter G.
Jeffrey, Glenn Elwood
Jensen, Harvey M.
Jensen, Lloyd E.
Jenson, Gale F.

Jergensen, James R.
Jesse, William A.
Jessen, Ellis J.
Jobes, Robert E.
Johnson, Cecil C.

Johnson, Floyd O.
Johnson, Howard P.
Johnson, Kenneth J.
Johnson, Leo L.
Johnson, Oscar T.

Johnson, Richard
Johnson, Robert A.
Johnson, Robert H.
Johnson, Stanley L.
Johnson, William W.

Jones, Clinton G.
Jones, Robert C.
Jones, William B.
Jordan, Edwin N.
Jurgens, Norman C.

Kaldenberg, Henry J.
Kaltoft, LaVerne L.
Kamm, Marion E.
Karabatsos, Gus J.
Keller, Frank J.

Kellogg, Neil D.
Kemp, James G. Jr.
Kemp, John P.
Kennedy, Charles J.
Keshlear, Charles W.

Ketcham, Keith K.
Ketelsen, Herbert J.
Kimmel, Glen W.
Kindgren, Bruce A.
King, Archie L.

King, Paul F.
Kiser, Ira M.
Kittleson, Eugene M.
Kleinschmidt, James W.
Knop, Carl O.

Koch, Verne C.
Kongable, L. Sterling
Koppin, Myron K.
Kortemeyer, Richard C.
Kovarik, Joe R.

Kratoska, James J.
Krause, Charles A.
Kress, James H.
Kupka, William D.
Lake, John A.

LaMar, Frank W.
Lamb, Robert H.
Landis, Royal R.
Lane, Bruce C.
Lange, Paul M. Jr.

Lanier, William D.
Larsen, Kenneth H.
Larson, Clarence H.
Larson, Dale O.
Larson, Harry C.

Lawson, Kenneth D.
Leikvold, Carsten D.
Lennon, David C.
Leucht, Warren L.
Leverett, James R. Jr.

Levine, Irvin D.
Lillig, Floyd A.
Lincoln, William P.
Lindahl, Herbert S.
Livingston, Burtnett R.

Love, Gerald D.
Lunstrum, Oscar A.
Lyon, Lee H.
McBride, William L.
McCannon, Ben G.

McCarthy, Charles E. Jr.
McClure, Wayne H.
McCracken, Lyde Scott
McElherne, Thomas E.
McElhinney, John F.

McFarland, James E.
McGrath, Laurence Robert
McGraw, George P.
McIlvain, Raymond W.
McKean, Fergus R.

McLaughlin, Edward C.
McTiernan, James W.
Macauley, Charles M.
Macchietto, Charles F.
Mackey, Jack

Mackie, Donald W.
Maehr, Edwin G.
Majorowicz, Glenn A.
Maley, Wayne A.
Mallory, Rex D.

Mangiameli, Elio F.
Manion, Melvin M.
Manning, Thomas E.
Martin, Robert L.
Martin, Wilbur J.

Martin, William L.
Martinson, Fredrick W.
Marz, Louis R.
Matheson, Alex D. Jr.
Mathre, Sewell J.

Mayer, Abbott F.
Meewes, Edward A.
Mehlhop, Norman T.
Menary, Thomas O.
Meyer, Kenneth A.

Miller, Frederic L.
Miller, George A.
Miller, Lippman
Miller, William E.
Minard, Richard C.

Mittelstadt, Ray H.
Mohr, Archer E.
Moody, John H.
Moore, John R.
Morris, John O.

Mueller, Ferd A.
Munson, John C.
Murphy, Bruce C.
Murray, LaVern D.
Murrish, Archie J.

Musin, Raphael L.
Musser, Kenneth D.
Nady, Robert M.
Nanninga, William W.
Natto, Merlyn E.

Naugle, Noble E. Jr.
Nettleton, William D. Jr.
Neuman, Arthur E.
Neville, James E.
Nichols, Owen J.

Nielsen, Loren H.
Nielsen, M. Keith
Nielsen, Richard D.
Nielsen, Walter H.
Niemand, Donald W.

Nordli, Robert L.
Norris, Donald R.
Norton, Robert R.
Novy, Russell F.
Nurre, Robert B.

Ogren, William W.
Ohde, David O.
Olson, Royden E.
O'Neil, Eugene E.
Onnen, John H.

Opheim, Roger D.
Opheim, Wallace S.
Orlich, Nick
Osborn, Donald D.
Oulman, Gene H.

Paetz, Jack
Parks, Loren D.
Patel, Kantilal Vallabhbmai
Patterson, James G.
Patterson, Kenneth W.

Paul, Raymond F.
Peart, Robert M.
Pederson, Donald L.
Pederson, Perry O.
Pehrson, Leland Robert

Pehrson, Vernon W.
Pelletier, Joseph A.
Pennington, Gordon R.
Perry, Kenneth G.
Peters, Egbert L.

Peters, Richard N.
Peters, Vernon G.
Peterson, John D.
Peterson, Ronald O.
Petterson, Karl E. E.

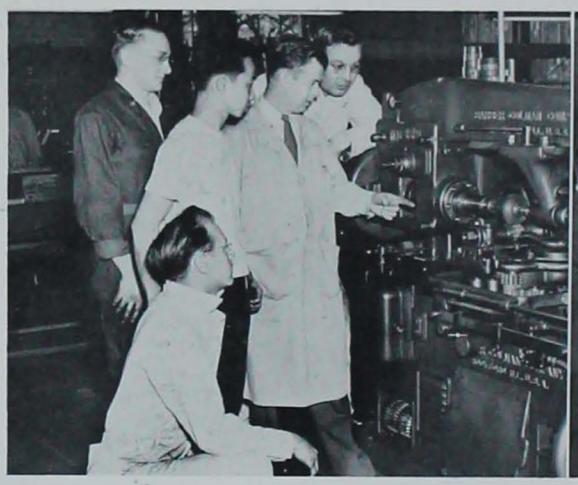
Pexton, Fred C.
Pfeiffer, Fred
Phillips, Richard L.
Pickus, Arthur M.
Pint, James A.

Piper, Myron M.
Pope, Robert L.
Popma, Robert L.
Porter, David A.
Posakony, Gerald J.

Potter, William G.
Power, Russell L.
Pratt, Robert W.
Quinn, Dale J.
Quinn, Francis K.

Rae, Joseph W.
Rainwater, Dan D.
Ralsten, Merrill W.
Ramsey, Robert C.
Randolph, Howard D.

Engineering students demonstrate a concrete tester during Veishea open house.



ME's get a little information about this handy gadget.

Iowa Chem Society members make use of their 500 cc. pyrex coffee server.

Ceramic Engineers Jim Dolph, Jack Daugherty and Don Steffan.

Ransom, Bruce H.
Read, Alvin A.
Reed, Leslie D.
Reed, Robert S.
Reed, Robert Stanley

Rehurek, Adolph Jr.
Reiss, Adolf E.
Renaud, Edwin L.
Rendahl, John W.
Rinckel, Jacob F.

Risse, John T.
Ritts, Edward M.
Roberts, Stephen E.
Robison, G. Doug
Roething, Donald D.

Rogers, John J. Jr.
Rohrberg, Roderick G.
Roisen, Maynard W.
Roos, Leo G.
Roose, Leland N.

Rosen, Arthur W.
Rowan, John T. Jr.
Ruby, George Monty
Ruff, Donald O.
Russell, Robert B.

Rystrom, Raymond W. Jr.
Rystrom, Roger A.
St. John, Karl M.
Salisbury, Gerald E.
Sanders, Daniel C.

Sanford, Edward R.
Sassaman, James R.
Scallon, Nicholas P.
Schlenker, Ralph F.
Schmitz, Bernard E.

Scholten, John J.
Scholtes, Richard W.
Schult, Eugene D.
Schultz, John
Schumacher, Norman C.

Schuman, Richard E.
Schwab, Keith O.
Schwabe, Frederick P.
Seabold, Carl A.
Seagren, Ernest E.

Semler, Philip M.
Serovy, George K.
Seversike, Carroll L.
Shafer, Don P.
Shaw, Van John W.

Sheeler, Max I.
Sheperd, John
Shields, John T.
Shriner, Leon H.
Shumaker, John B. Jr.

Sieck, Albert M.
Sinner, Robert D.
Skjerseth, Torlief
Slobe, Stanley F.
Smith, Clifford E.

Smith, Dennis T.
Smith, Donald L.
Smith, Earl D.
Smith, Elwood P.
Smith, Richard W.

Smith, Roger P.
Smith, Volney Hammers
Smith, Willard G.
Snell, Russel S.
Soethe, George F.

Somers, Willford M.
Spencer, Daryl L.
Stafford, Richard C.
Stanfel, Francis V.
Steele, C. Jay

Stephenson, Stanley W. Jr.
Stevens, Edwin L.
Stoakes, William L.
Stolp, Donald L.
Stoltenberg, Richard E.

Stone, Gerald B.
Streiff, Warren D.
Stuart, Donald R.
Summers, Alvin J.
Summers, Frank V.

Summers, Richard S.
Swanson, Eugene K.
Sweeny, Edward J.
Swisher, Robert D.
Talcott, Richard C.

Taylor, Alton H.
Taylor, Kenneth R.
TeGrootenhuis, William D.
Telford, Anton M.
Thiemer, John J.

Thelander, Robert E.
Thomas, Martin T.
Thompson, Donald H.
Thomson, Arthur E.
Tidball, John H.

Tiffany, Vernon R.
Tilp, Paul J.
Timm, Robert J.
Tinkham, Fred R.
Titus, Charles K.

Titus, Paul V.
Trecker, Joseph M.
Tschantz, John W.
Turner, Eugene L.
Uban, Charles J.

Uher, Robert F.
Van Asselt, Henry Jr.
VandenBroek, Clare V.
Vandeventer, Blaine F.
Van Ness, James E.

VanNimwegen, John E.
Van Roekel, E. Paul
Van Roekel, Robert J.
Varland, Walter B.
Vaughan, Francis G.

Ver Ploeg, Stanley C.
Vogel, William E.
Voiland, Robert H.
Vondrasek, Frank C.
Vry, Donald C.

Wagner, Richard F.
Wainright, Harvey W.
Wakeley, Tendon
Wallerstedt, W. Kenneth
Wallin, Robert E.

Walstad, Willmer L.
Waltz, Edward G.
Waltz, Richard L.
Ward, Kenneth G.
Warner, Robert Franklin

Watts, Howard E.
Webster, Richard D.
Weist, W. Robert
Welcher, John P.
Wenger, Robert F.

Werts, Wayne E.
Westcot, James L.
Westervelt, Dean C.
Wheelock, Thomas D.
Whinery, Lawrence A.

Whiteman, Phillip K.
Whitney, Hershel B.
Wigstone, James E.
Willardson, Fred W.
Williams, Clifton T.

Williams, James Robert
Williams, Paul W.
Willing, John A.
Willrich, Ted L.
Wilson, Richard G.

Wilson, William W.
Wiltgen, Lawrence F.
Wind, Allan V.
Windheim, Lee S.
Winfrey, Vernon Lyle

Winger, Clifford
Winsor, Donald L.
Winters, Robert L.
Wold, Harrison E.
Wolf, Fideles M.

Wood, Doyle A.
Wood, Lucien S.
Woodburn, William M.
Woodward, Guy E.
Woody, William E.

Woollard, Robert F.
Worth, Jerry J.
Worth, Robert B.
Wright, Harvey W.
Wright, William E.

Yancey, Merritt M.
Yarger, Wray L.
Yegge, Lawrence R.
Yoerger, Roger R.
Young, Eugene E.

Young, Raymond J.
Young, Roger E.
Zack, Robert N.
Zaffle, John A.
Zelnio, Walter

Zorn, James B.
zumBrunnen, Robert B.

ASCE's check out on the latest thing for crossing rivers.

John Baer gives Jerry Peace and Ken Ward the word on an ASME meeting.

". . . and it comes out here." These AIEE's look like they understand the gadget.

Front Row: Dellett, James, Mogil, Pickford, Read, Ruff, Kongable. *Second Row:* Koob, E. Butler, Bugenstein, W. Butler, McConoughey, Tiffany, R. Martin, Houseman. *Third Row:* Elliott, Gilman, Drilling, Jeffrey, Cluts, Huppert, Feilmann. *Fourth Row:* Meyer, Edwards, Foote, Schlenker, Page, Van Asselt, Kratzer, Siegfried. *Fifth Row:* Sievers, Ethington, Lowry, McLuen, Rystrom, Kemp, Spencer, DeVoll, Kleist. *Top Row:* Gibbons, Hawkins, Vondrasek, W. Martin, Kamber, Westcot, Kinney, Lamb.

Front Row: Randolph, Hegarty, Olson, Huston, Clark, Berry, Fluhr. *Second Row:* Bonestroo, Augustson, Gauger, Simpson, zum Brunnen, Jensen, Calvert, Risse. *Third Row:* Borg, Frakes, Wilder, Kemp, Wainright, Spalti, Van Gorp. *Fourth Row:* Harris, Willardson, Blumer, Swanson, Krause, Trecker, Dyson, Lange. *Fifth Row:* Kremheller, McCannon, Games, Worth, Boots, Reed, Osborn. *Top Row:* Brown, Bromelkamp, Titus, St. John, Culbertson, Ketcham, Habeger, Mayer.

AIEE-IRE

The combined student branches of the American Institute of Electrical Engineers and the Institute of Radio Engineers again had one of the largest memberships of any technical society on the campus. The 350 members met twice a month for technical talks by leading industrialists and social get-togethers.

Following the organization's purpose of diffusing knowledge of the theory and practice of electrical engineering, the joint branch sponsored two public demonstrations during fall quarter. One of these was the famous General Electric "House of Magic" demonstration, attended by more than 1500 visitors. The other, concerning micro-wave techniques, was put on by representatives of Bell Laboratories.

Formerly only a branch of AIEE which is devoted primarily to those interested in electrical power systems, the group last summer was chartered as a joint branch of the AIEE-IRE. Prof. G. A. Richardson was the AIEE counselor and Prof. W. L. Cassell was the IRE counselor.

The student officers of the joint branch were John Huston, president; Edward Sanford, vice-president; Russell Stoll, treasurer; Alvin Read, AIEE secretary; and Donald Ruff, IRE secretary.

IAeS

Edwin Maehr directed the activities of the IAeS with John Chrisinger serving as vice-president. Other club officers were Charles Merlet, secretary-treasurer and Harold Downey, publicity chairman.

The purpose of the organization is "to give technical and industrial information, and to promote interest in the field of aeronautical engineering." The IAeS is patterned after the Royal Aeronautical Society of Great Britain.

During the year the group held several luncheons for visiting personnel representatives to supplement the job interviews. They sponsored a "B-29 propeller" roulette wheel at the Engineer's Carnival fall quarter.

Once a quarter the Institute played host to its members at "Tailspins," a social function designed as a get-together for the group. The regular business meetings were held once a month for the 37 members of IAeS.

Upper: *IAeS members compare slide-rules on a co-operative problem on how high is up.* Lower: *A friendly little gathering in a wind tunnel.*

Front Row: Merlet, Chrisinger, Sanford, Maehr, Downey. *Second Row:* Ahern, Smith, Brown, Oslund. *Third Row:* Schwichtenberg, Boehmler, Boyer, Mohr. *Top Row:* Stilley, Williams, Titus, Folsom, Hackbarth.

ASME

Sponsoring the fall inspection trip in the Davenport area was one of the main jobs of the ASME. The inspection trip was originated and conducted by the club without the help of the faculty. Edward Meewes acted as chairman of the project.

Approximately ninety engineering students and three faculty members of the Department of Mechanical Engineering inspected industrial plants in Davenport; Rock Island, Illinois; and Moline, Illinois. Highlights of the three day tour were a dinner and two luncheons at which the society members were the guests of honor.

Jerry Peace served the American Society of Mechanical Engineers as president with Robert Sherwood as honorary chairman. Other officers were John Baer, vice-president; Harry Hummel Jr., treasurer; and Kenneth Ward, secretary.

ASME boasts one of the largest memberships of any of the engineering clubs—350 members. Their membership drive, carried over from last year, increased the membership by 50 percent.

At the first meeting of the year the ASME's originated a Junior Club for freshman and sophomore students. Its members may attend the regular meetings, but do not have the privileges of the upperclassmen. ASME members met monthly to discuss technical, engineering and vocational questions with their fellow students and faculty members. The group was in charge of the Veishea ME Open House and had a booth at the Engineer's Carnival.

Front Row: Graham, Bear, Jacobs, Hartwig, Woollard, Stuart, Macchietto, Hawthorn, Wrigth, Scheider, Lindsay. *Second Row:* Binger, Menary, Werts, LaMar, Hampton, Yancey, Ross, Gasperi, Herring, Marz. *Third Row:* Bourne, Couffer, Barnes, Kellenberger, Bombach, Satre, Tidball, R. Pearson, Crooker. *Fourth Row:* Whinery, Paul, Smith, Chamberlain, Hudson, Sessler, Landes, D. Pearson, Potter, Alvine. *Fifth Row:* Beach, Wiltgen, Burton, English, Stolp, Wigstone, Peters, Parker, Kupka. *Top Row:* Meewes, Stewart, Rejsa, Kittleson, Nordli, Kaldenberg, Eike, McLaughlin, Mitchell, Giles.

Front Row: Brewer, Fields, Baer, Peace, Ward, Hummel, Albert, Scholten. *Second Row:* Haas, Crawford, Jorgenson, Decker, Wagner, Bowie, Asthalter, Janssen. *Third Row:* Nielsen, B. Silverberg, Matheson, Hamilton, Williams, Clark, Carson, Murray, Andrews. *Fourth Row:* J. Silverberg, Farmer, Dellett, Coe, Oppenheimer, Bowers, Smith, Scoville, Breizy, Grapes. *Fifth Row:* Walters, Schult, Horst, Cadwell, M. Lawson, K. Lawson, Heifner, Geiger, Barber. *Top Row:* Waltz, Niemand, Rehurek, Clemens Driftmier, Ruisch, Bussey, Varland, Pexton, Irelan.

SSIME

General engineers held monthly meetings of their departmental organization, formerly the General Engineering Society, which was recently named the Student Society of Industrial and Management Engineers. This organization differs from most engineering clubs in that it is a local organization rather than a student division of a national society. Meetings were held primarily to promote interest and develop a professional attitude among the 140 student members in the General Engineering Department. Men from industry spoke to the group on subjects ranging from "What to Do When You Aren't Engineering" to "Labor and Management Relations."

Performing official duties for the society were President Frank Hedrick, Vice President James Clagett, Secretary William Ogren, Treasurer Joe Kovarik, Senior Representative to Engineering Council John McEhlinney and Junior Representative to Engineering Council James Jensen. Prof. J. K. Walkup served the group as faculty advisor.

Social activities of the year included a picnic for members and their dates at the Lynn Fuhrer Lodge. The club sponsored a booth featuring a "Rat Race" for the Engineer's Carnival directed by Loren Jolley.

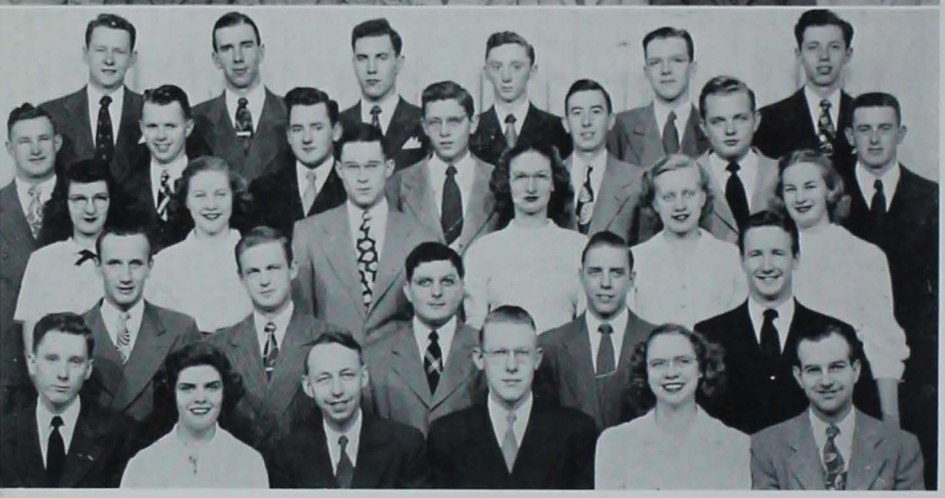
The Student Society of Industrial and Management Engineers was well represented in the Knights of St. Patrick and fifteen members were knighted this year.

Front Row: Clagett, Kovarik, Jensen, Hedrick, McElhinney, Ogren, Bowers. *Second Row:* Collins, Becker, Peterson, Jolley, Fosselman, Arndt. *Third Row:* Christensen, Landis, Hoag, Miller, Lowndes, Ady, Albertson. *Fourth Row:* Fortner, Pitkin, Yarger, Keshlear, Tschantz, Wintroub, Graham, Thomas. *Fifth Row:* English, Graff, Loubert, Duich, Weir, Jesse, Ashley. *Top Row:* Stafford, Walstad, Johnson, Brickley, Landgraf, Ludeman, Rae, Thelander.

Front Row: Richardson, Sneckenberger, Kellogg, Conklin, Davidson, Neuman, Buck, McKean. *Second Row:* Awbrey, Lillig, Bossard,, Boehm, Baltisberger, Manning, Kratoska. *Third Row:* Bice, Kiser, Dodd, Stratton, Von Berg, Willing. *Fourth Row:* Breman, Lovett, Geiken, Tamashunas, Hook, Novy, Fahden. *Fifth Row:* Nettleton, Scholtes, Shriner, Swanson, DeJong, Limbaugh. *Top Row:* Alderman, Kinney, Reihman, Dirks, Rainwater, Johnson, Williams.

AMERICAN CERAMIC SOCIETY

Front Row: Beckemeyer, Somers, Wright, Holdener, Seversike, Dodd, Barnes. *Second Row:* Allen, Harvey, Stoen, Otterson, Van Dreser, Dorman, Wilder. *Third Row:* Charland, Mueller, McCallister, Smith, Sullivan, Horsman, Barrett. *Fourth Row:* Maja, Ekedahl, Marth, Turbett, Wood, Larson, Amin, Webb. *Top Row:* Dolph, Capps, Welterlen, Martin, Steffen, Van Houten, Saunders.



IOWA CHEMICAL SOCIETY

Front Row: Evans, Rafn, Diehl, Kraemer, Watkins, Berges. *Second Row:* Schoenback, Hanson, Bsharah, Bean, Trueblood. *Third Row:* Very, Osbrink, Falkoski, Bruns, Jensen, Elliott. *Fourth Row:* Bretz, Paul, Hummel, Johnson, Whaley, Gibbs, Masteller. *Top Row:* Morrison, Plagens, Ross, Stetzer, Koerner, Hopper.

AMERICAN CERAMICS SOCIETY

Highlighting the fall social program of the Ceramics club was the "Potter's Panic" and the society's stag picnic.

James Dolph served the society as president for the past year. Other officers were George Martin, vice-president; Paul Turbett, secretary-treasurer; Wilsie Webb, publicity chairman; and John Finley, program chairman. Prof. C. M. Dodd, head of the Department of Ceramic Engineering, was faculty advisor.

There are about fifty members of the Iowa State student branch of the American Ceramic Society who meet weekly to discuss important happenings in the field of Ceramics.

IOWA CHEMICAL SOCIETY

Richard Kraemer, president, presided at the monthly meetings of the Iowa Chemical Society. Other officers were Marcia Rafn, vice-president; Jeanette Watkins, secretary-treasurer; and Dean Coons, social chairman. Prof. Harvey Diehl was the group's faculty advisor.

The society was founded to bring professional aspects of the chemistry field before students. Following this purpose the members traveled to Des Moines to inspect the F. W. Fitch plant and the water works. Guest speakers from the chemistry staff were on many of the society's programs.

The group also went to Marshalltown for a picnic and an inspection trip.

Front Row: Goodman, Wallerstedt, Mathre, Schreckengast, Brodersen, Free, Sajbel, Salisbury, Ver Ploeg. *Second Row:* Champlin, Berger, McGinn, Goeldner, Peiffer, Jaeger, Appell, Maiwurm, Lohmann. *Third Row:* Skiles, Wiegman, G. Miller, J. Miller, Brenneman, Kaltoft, Smith, Whitmer. *Fourth Row:* Linner, Galvin, Martin, Flad, McIlvain, Goewey, Lynch, Connelly, Duffy. *Fifth Row:* Mantel, Borthwick, Chambers, Windheim, Hansel, Crabtree, Young, Carney, Geudtner, Okey. *Top Row:* Robison, Schellberg, Zeigler, Boll, Schurman, Ocheltree, Woodburn, Lundblad, Bender, Heemstra, Allen.

Upper: *AIA talents are displayed as decorations go up for for the Beaux Arts Ball.* Lower: *Architects pool their knowledge over the drafting board.*

AIA

AIA was organized to promote a better relationship between student and professional members in the architectural field, and to provide educational activities for the student members.

The past year has seen an increase in membership and more participation in activities. In the spring, AIA held their annual picnic. Their float took first prize in the engineering division at Veishea.

The organization was awarded second place for their booth, "The Haunted House," at the Engineer's Carnival fall quarter. Working with the Landscape Architects, the members of AIA presented the annual "Beaux Arts Ball."

Officers for the past year were William Brodersen, president; Wayne Schreckengast, vice-president; Robert Sajbel, secretary; and John M. Free, treasurer.

Front Row: Carlton, Talcott, Stewart, Sieck, Drummond, Davies, Pennington. *Second Row:* Eyer, Freeman, Harrington, Wyatt, Pyle, Moorcroft, Bock. *Third Row:* Clay, Ratekin, Inman, Elvin, Taylor, Blomgren. *Fourth Row:* Labor, Zaffle, Stanfield, Konrady, Tilp, Ruemping, Campbell. *Fifth Row:* Hughes, C. Holland, Schiel, McKirchy, F. Holland, Braymen, Schneider. *Top Row:* Baldridge, Anderson, Worth, Foster, Smith, Graham, Johnson.

Front Row: Franklin, Lynch, Friedgen, Gilbert, Norris, Larson, Cullen. *Second Row:* Carter, E. Holland, Natto, Roethig, Guernsey, Hales, Barnett. *Third Row:* Timm, Davis, Allender, McClure, Franson, Hassebrock. *Fourth Row:* Ilgenfritz, Schloemer, Huber, Gish, Jones, Musin, Reiss. *Fifth Row:* Fisher, Rohrberg, Nettleton, Vanden Broek, Wilson, Wolf, Brandt. *Top Row:* Freitag, Bortle, Woodruff, Oberlin, Prouty, Thurston, Baustian.

ASCE

During the past year the American Society of Civil Engineers kept its members busy with inspection trips, movies and talks by men in the civil engineering field.

The highlight of spring quarter was the annual ASCE convention, held this year at the University of Minnesota. Each year the convention is held at a different university.

The two-day meet for mid-west students consisted of round table discussions of matters pertinent to civil engineering and an inspection trip of the University.

ASCE was formed to establish a close relationship between students in civil enginering and to provide an agency through which they can express their aims.

Members of the group sponsored an original entertainment booth at the Engineer's Carnival. The theme of the booth was the "Gay Nineties," with games of chance and a piano player to lend the proper atmosphere. Headed by Clarence Hughes, the civil engineers had a Veishea open house display at the Soils Laboratory.

Officers for the past year were Robert Huber, president; Robert Baldridge, vice-president; Francis Holland, secretary; William Harrington, corresponding secretary; and Roger Stanfield, treasurer.

Prof. R. E. Paterson, of the Department of Civil Engineering, was the society's faculty advisor.

Front Row: Cowles, Hansen, Leverett, Ruth, Bridger, Webber, Summers. *Second Row:* Byrne, Banwart, Murray, Asher, M. Sheeler, Carvey. *Third Row:* Sinner, Matthews, Hawk, J. Sheeler, Dornberg. *Fourth Row:* Orlich, Smith, Brandner, Armstrong, Specht, Macy. *Top Row:* Pint, Groff, Pfeiffer, Rosen, Buchanan, Pehrson, Rendahl.

Front Row: Murrish, Fockler, Behounek, Patel, Telford, Brigham, Cunningham. *Second Row:* Harms, Fleming, Petersen, Lamb, Leucht, Fritts. *Third Row:* Burke, Varley, Humphrey, Duggleby, Stoltenberg, Gunnar, Iverson. *Fourth Row:* Belknap, Garvin, Smith, Chase, Schuman, Pyles. *Fifth Row:* Seabold, Crow, Kleinschmidt, Burzlaff, Zorn, Cummings, Mork. *Top Row:* Davenport, Pester, F. Summers, A. Summers, Ford, Johnson, Wheelock, Popma.

A I CHEM E

James R. Leverett, president of AIChemE, was in charge of one of the main activities of the group this year, an inspection trip to Clinton and Cedar Rapids. At Cedar Rapids the members watched the manufacturing and packaging of Quaker Oats cereals. Touring the Du Pont Cellophane plant in Clinton, the group saw how starch, gelatine and syrup are made from corn.

Climaxing the trip was a banquet in honor of the AIChemE given by Clinton Industries at the Clinton Country Club. Several graduate students also went along on the trip. Dr. H. A. Webber was the group's faculty advisor.

Other activities of AIChemE included the sponsoring of the 1948 Veishea open house for the department. The process machinery in the labs was demonstrated for the visitors.

Another special exhibit was the moulding of toys from plastics developed in the Iowa State laboratories. Guests were given toy airplanes as souvenirs. Visitors were also treated to a chemical magic show. The department was given first prize for its open house display.

The "Glorified Plumber's Ball" was the main social function of the year. The members and their friends dressed as plumbers and paid according to the girl's weight.

From murals in the Iowa State College Library directed by Grant Wood.

Dr. J. A. Greenlee
Assistant to the Dean

Dr. H. V. Gaskill
Dean

DIVISION OF SCIENCE

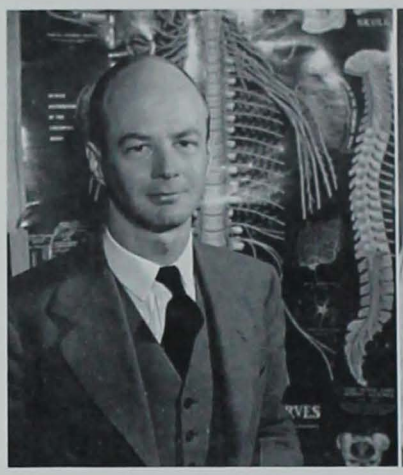
The Division of Science strives to personify the college motto of "Science with Practice." Included in its program of research and experimentation are the Industrial Science Research Institute, the Tropical Research Institute in Central America and the Statistical Laboratory.

More than two thousand students were enrolled in Science this year, majoring in such fields of specialization as biological, physical and social sciences and humanities. Other fields of study included training in ROTC and NROTC and physical education. The Division also offered preparation for the study of law, human and veterinary medicine, climatology and meteorology.

Prof. G. W. Snedecor
Statistics

Dr. F. W. Lorch
English

Dr. H. M. Harris
Zoology and Entomology



Dr. W. A. Owens
Psychology

Dr. C. H. Werkman
Bacteriology

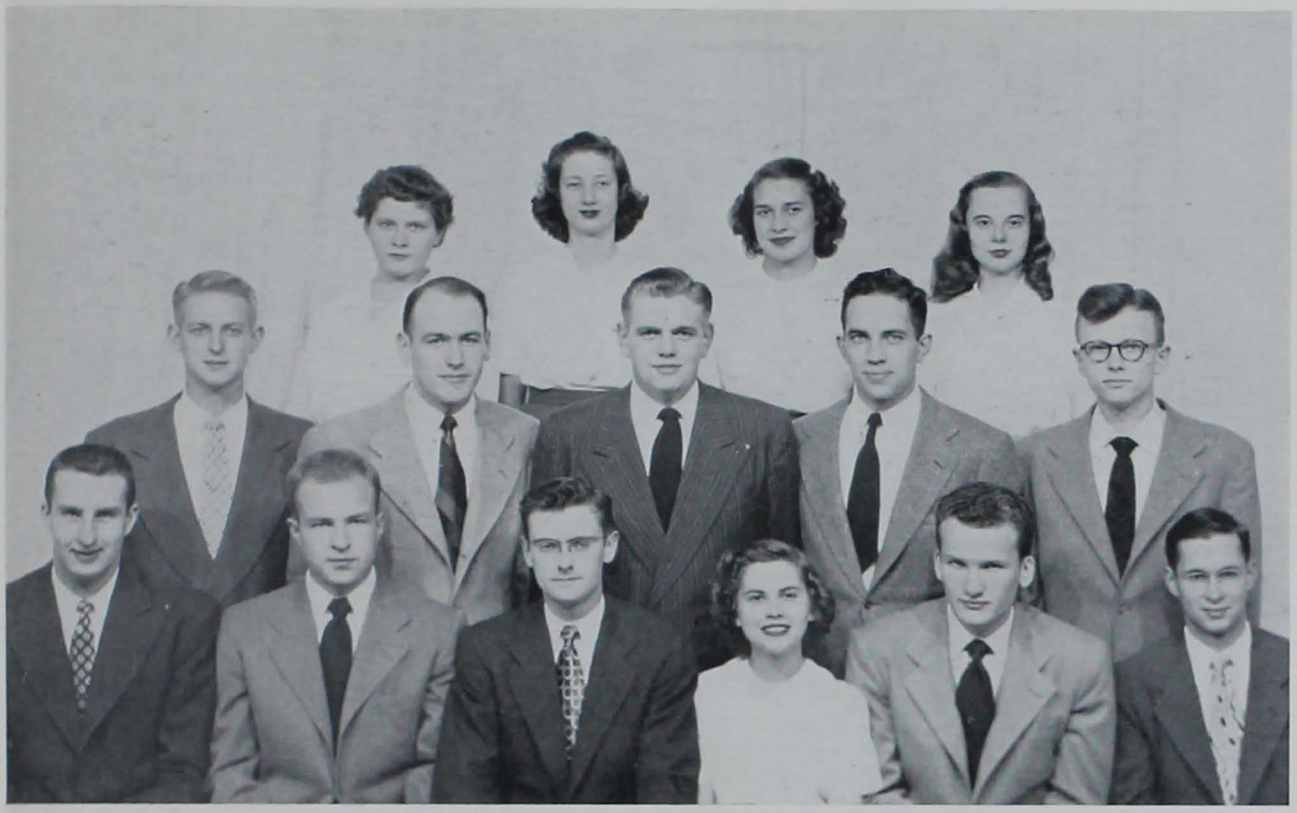
Dr. G. W. Fox
Physics

Dr. C. J. Roy
Geology

Prof. W. H. Schrampfer
Industrial Economics

Prof. K. E. Boulding
Economics

Dean Gaskill presents Science awards to honor winners.



Front Row: Schneider, Holl, Ramsey, Wilkerson, Conn, Zuber. *Second Row:* Moore, Garfield Collins, Gilkey, Walker. *Top Row:* Zink, Bretnall, Manny, Morledge.

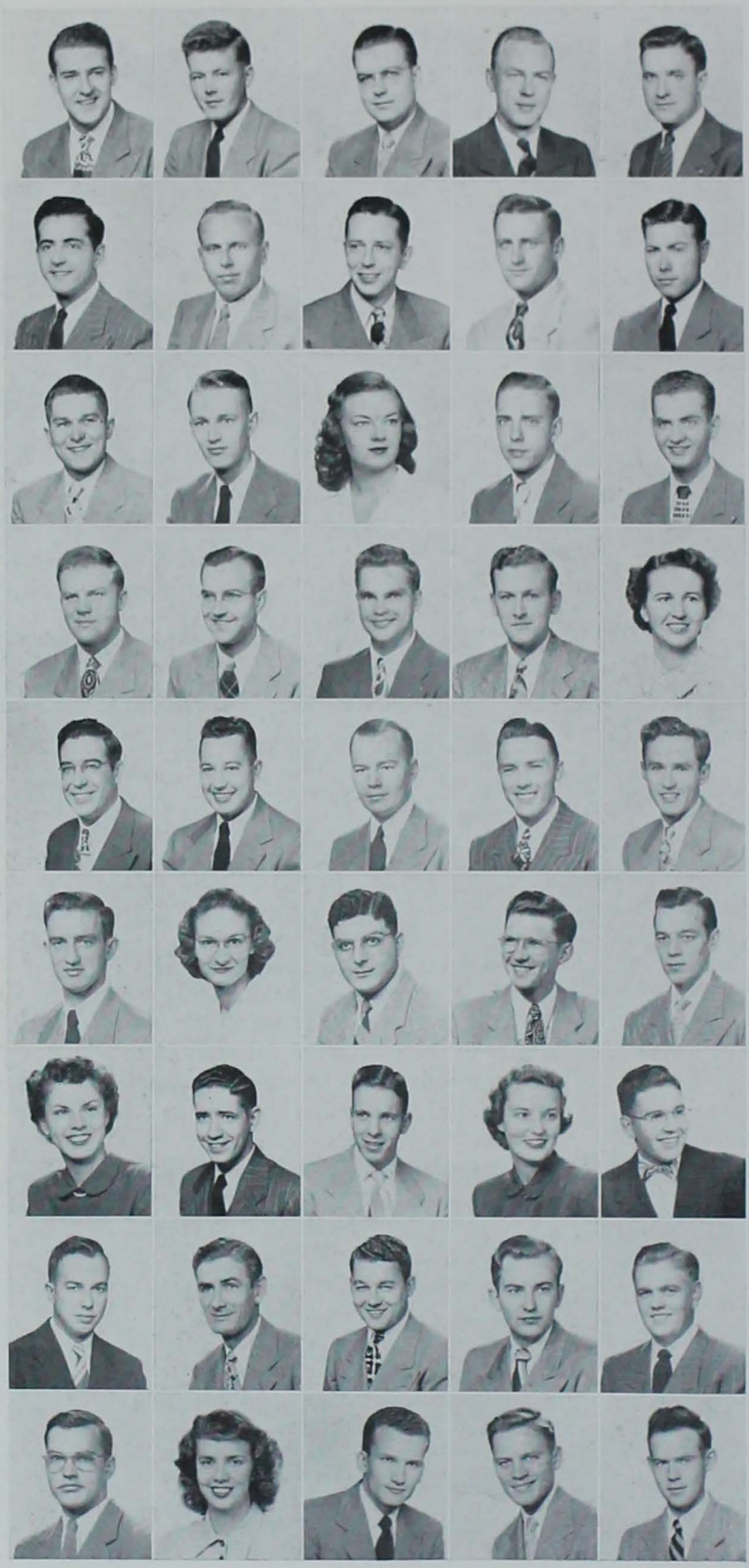
SCIENCE COUNCIL

The duties of the Science Council are two-fold. First, the council has the responsibility of developing, promoting and supervising the extracurricular activities in the Division of Science; second, it collects, sorts and presents the opinions of students in the division to Dean H. V. Gaskill for consideration.

Science Council sponsored two major events during the school year. Fall quarter the Student Faculty Party was held in Great Hall of the Memorial Union. Patricia Peterman was general chairman this year. The council appointed Marvin Krieger to head the annual Wintermezzo, divisional dance, which was given during winter quarter.

The council also conducted a series of polls in an effort to ascertain student opinion. In addition it presented awards to seniors in the Division of Science and to a faculty member who had been outstanding in service to the division and to Iowa State College.

The group is composed of fifteen members chosen from the three upper classes; seven senior representatives, five junior representatives and three sophomore representatives. Dr. Albert Walker served as faculty advisor. Officers for the past year were Henry Ramsey, president; Bruce Holl, vice-president; Janet Wilkerson, secretary; Rex Conn, treasurer, and Wayne Collins, Cardinal Guild representative.



Anastasi, Michael J.
Anderson, Edward E.
Anderson, Russell O.
Anderson, Vernon K.
Anderson, Wilford E.

Angell, Richard W.
Bailey, Harold E.
Bailey, Merritt E. Jr.
Balster, Clifford A.
Bann, James M.

Bauman, Paul T.
Bauriedel, Wallace R.
Baustian, Barbara A.
Bean, James D.
Beard, John K.

Benson, Donald D.
Berges, Herman H.
Berry, Keith D.
Bird, Rex L.
Bishop, Jeanne

Blair, Donald L.
Blizzard, Everett F.
Bolie, Victor W.
Borgendale, Bertram H.
Bowles, Robert L.

Bradley, Lyle
Bruns, LaVaun M.
Bsharah, Lewis
Buchanan, William E.
Burgraff, Richard I.

Callow, Betty J.
Cannan, Jack P.
Carmen, Richard
Carr, Georgene A.
Chapman, Norris E.

Childs, Everett L.
Christian, James L.
Clark, Raymond N.
Coble, Harry J.
Collins, Wayne C.

Collister, Larew M.
Colvin, Mary J.
Conn, Rex B. Jr.
Cooper, Charles J.
Corcoran, John W.

Coulson, William F.
Cox, Robert M.
Crowley, Joe A.
Culbertson, Verne L.
Drechsler, Edward R.

Dreste, Marilyn H.
Dubes, George R.
Durgan, Bill R.
Duroe, Collingwood R.
Dwine, William E.

Edwall, Helmer G.
Edwards, Mary K.
Eisenhart, Robert W.
Emslie, H. Scott
Erwin, Robert H.

Fairweather, George William
Farrel, James J.
Fletcher, Alice M.
Forman, Wallace R.
Foster, Clifford A.

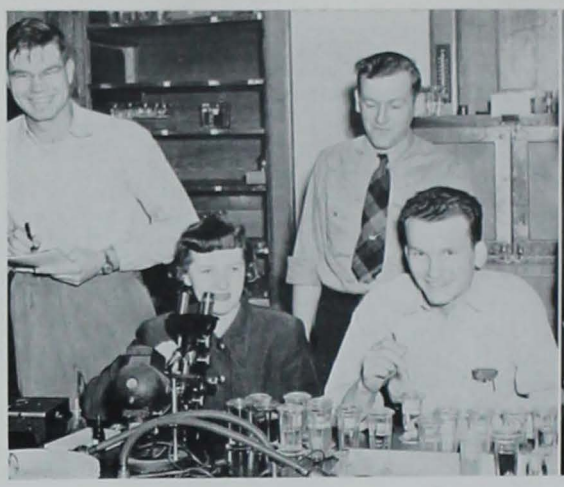
Fox, Joseph P. Jr.
Fritz, Charles L.
Galbreath, Dale G.
Galvin, Joseph P.
Garner, H. Filmore

Gatz, Joanne K.
Gilkey, Arthur
Greenfield, Gerry
Griffen, Donald C.
Grisco, Paul

Gugeler, Donald F.
Haislet, Richard Jr.
Haw, Robert A.
Hayes, Carol J.
Healy, Thomas L.

Helmstadter, Gerald C.
Hendrick, Catharine M.
Hendrickson, Lauren P.
Hermann, Doris A.
Hiedeman, Dale M.

Hlavka, Eugene J.
Holmgren, Paul E.
Holmes, James G.
Hoppe, Donald A.
Huedepohl, E. Bradley



Laboratory demonstration in smooth histological technique.

ISSIE members look over their charter of incorporation.

Science Women's Club meets to discuss policy.

Zoology lab gaily disects what otherwise might have been a contented frog.

A bunch of happy individuals looking for things in bacti lab.

Hugh, Kenneth E.
Hughes, Mark V. Jr.
Hummel, Walter L.
Hutchinson, Jane R.
Hutchinson, Gordon N.

Illeman, Donald L.
Jacobs, Harold D.
Jacobson, Robert J.
James, Marion L.
Johnson, Roland R.

Johnson, William A.
Jones, Winifred E.
Jorgenson, Kenneth P.
Jose, Dwayne K.
Kern, Richard P.

Kidder, Dorothy A.
King, Virginia L.
Knudson, Benjamin F.
Knutt, Mildred E.
Korneisel, Barbara J.

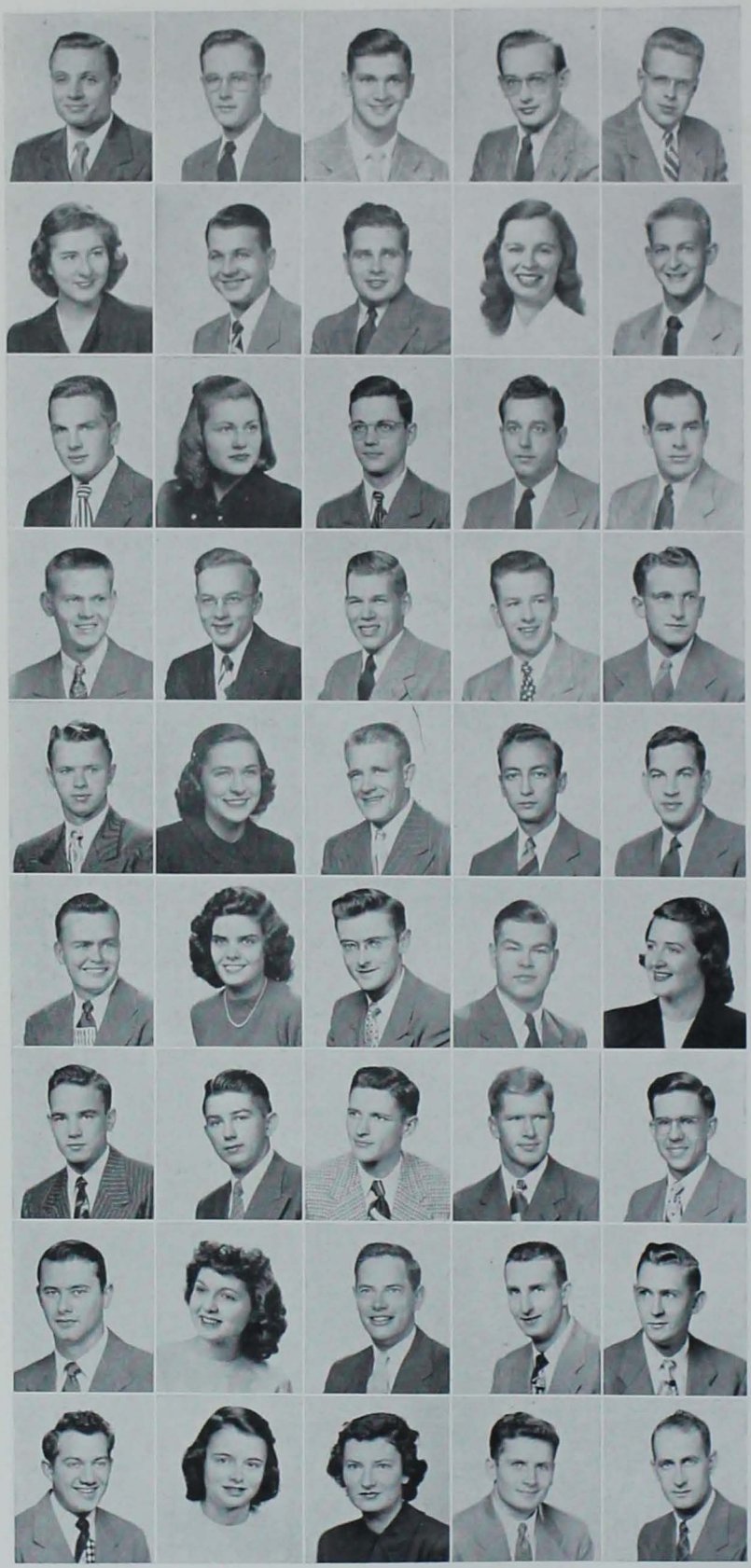
Krauskopf, William, B.
Krieger, Marvin J.
Kroesen, L. Dale
LaMar, Lawrence E.
Larson, Beatrice M.

Larson, Dolores
Larson, Edgar W.
Larson, Einar A.
Larson, Robert K.
LaRue, Beverly J.

Lary, Dale S.
Lawrence, Howard W.
LeBuhn, Paul E.
Lindquist, Ilene R.
Loomis, Robert S.

Lorenz, Charles M.
Lund, Frederick Christian T.
McBride, Clifford H.
McClure, Franklin E.
McKee, John W.

McKee, Robert D.
McSweeny, John L.
Macfarlane, William R.
Maney, Thomas J. Jr.
Manny, Evelyn L.



Martens, John H.
Mason, R. Foster
Mayotte, Jack P.
Merrill, William R.
Meyer, Warren E.

Miller, Jane S.
Miller, Walter J.
Millet, Robert E.
Mitchell, Carolyn A.
Moore, T. M.

Nefstead, Paul D.
Nelson, Lois I.
Nelson, Robert C.
Nichols, Marvin W.
O'Neil, John W.

Orr, Earle W.
Ortmeyer, Dale H.
Otto, Robert C.
Parsons, Darrell E.
Parsons, Neil I.

Paul, Donald L.
Paulu, Mary A.
Petersen, Robert L.
Plumer, Dean O.
Poole, John W.

Quinn, Paul J.
Rafn, Marcia L.
Ramsey, Henry B. Jr.
Raver, Duane D.
Reed, Patricia R.

Reese, Richard A.
Reitan, Clayton H.
Ritts, William J.
Robson, Douglas S.
Ruhr, Clifford E.

Russell, Carl E.
Rychnovsky, Ruth A.
Sanner, Richard L.
Schneider, Leo R.
Schrimper, Richard J.

Schroeder, Wilbert E.
Schropp, Margaret C.
Schweet, Shirley W.
Scott, H. Keith
Scott, Robert H.

Seeley, Paul G.
Shore, William S.
Slater, Robert I.
Smith, Delbert
Smith, Jane

Smith, J. E. Keith
Spangler, Charlene E.
Spearing, Robert C.
Staly, Sadie M.
Staunton, Robert E.

Stephens, John
Stephens, Susan J.
Stonehouse, A. James
Swanson, Howard P.
Teater, Charles W.

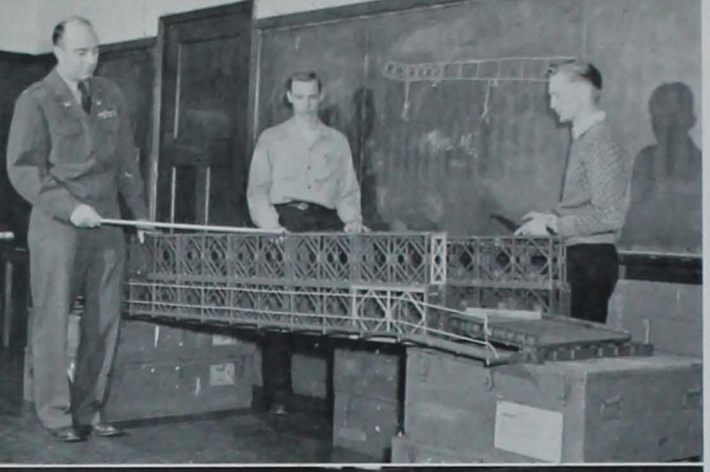
Thompson, Alan M.
Tomizawa, Henry H.
Torgeson, Dewayne C.
Totten, Donald R.
Trout, Robert E.

Trueblood, Ellen Weisbrod
Trueblood, Gerald E.
Vance, Paul
Van Epps, William B.
Walrath, Ray M.

Wassom, Clyde E.
Weishaar, Donald G.
Werts, Donald E.
Whaley, David W.
Whitehouse, John F.

Young, Barbara J.
Young, Fred

These young ladies are getting a charge out of the equipment in physics lab.



Upper: *Lt. Col. Kerkering points out the engineering marvels of the Bailey Bridge.* Lower: *"Hit a brace, soldier."*

ROTC

The defense of the United States depends largely on a citizen's army, and the Reserve Officers Training Corps plays an important part in supplying the leaders of this army. There are many types of military training offered at Iowa State College. Army units represented are the Field Artillery, Corps of Engineers, Veterinary Corps and the Signal Corps. In addition there is an Air Force unit designed to give training in air communications and statistical control.

Included in the course of instruction are subjects which familiarize the ROTC students with command and staff procedures, military training methods, psychological warfare, leadership, military mobilization and similar techniques of the different arms and services. Each division of military training is completely supplied with modern equipment for the courses of instruction.

Air ROTC students learn how to get the plane back home.

The Signal Corps gets the word through.

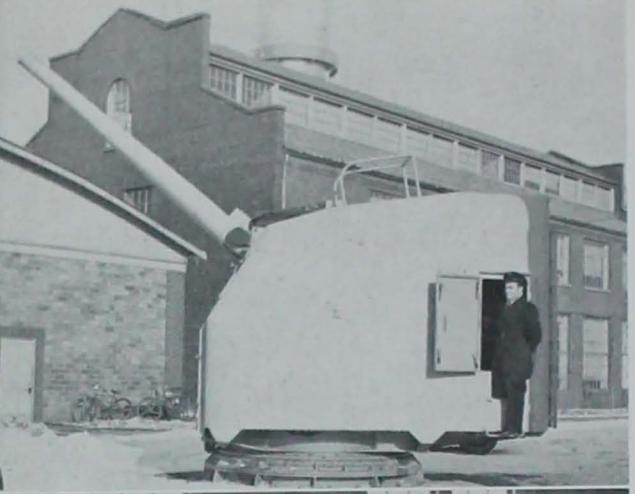
Front Row: Tekse, Kerkering, Busbee, Brock, Hoffmann. *Second Row:* Wogen, Truesdell, Cassel, Hanzel, Sleuten. *Third Row:* Heltzel, Bennett, Laycock, Sargent, Atkins, Douglas, White. *Fourth Row:* Covert, Duffy, Gurney, Thornton, Walsh, Wells, Ivins. *Top Row:* Owens, Nash, Anderson, Dennis, Jacobs, Biggs, Straka, Morton.

ROTC training included classes, drill and a summer camp for advanced students

During the summer a camp is held for those who have qualified for advanced training. In the field the advanced students find the opportunity to practice the techniques they learn through the year. Each Iowa State unit reported to a different army camp last summer for training. The Signal Corps camp was located at Fort Monmouth, New Jersey; Engineers, Fort Belvoir, Virginia; Artillery, Fort Riley, Kansas; and the Air Force, Chanute Field, Illinois.

Some military extracurricular activities include the Iowa State Pontoniers, the Cannoneers Club and the Military Amateurs Radio Club. Scabbard and Blade and the Pershing Rifles are honorary societies for outstanding military students. The main social event sponsored by the ROTC students was the annual Military Ball.

Briefing the boys before a sparrow hunt in the Armory.



Upper: *NROTC men work with a 5" naval gun.* Lower: *Future naval officers look over the control surfaces of a "tin fish."*

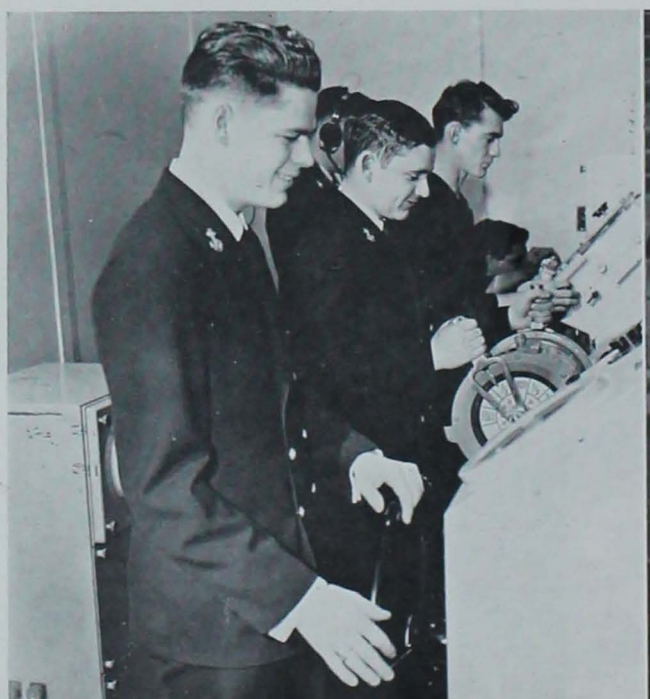
NROTC

Aboard the battleship USS Iowa and the aircraft carrier USS Princeton, future Iowa State College naval officers toured the Southwest Pacific Ocean last summer. The ships carried the normal peace-time navy crew, while the naval students made up the wartime complement.

On the freshman cruise over 50 ISC students performed the duties of both enlisted and officer personnel. The Iowa embarked from San Francisco and touched ports including Seattle, Washington, Long Beach, California, Honolulu and terminated the voyage at San Diego. The ISC students were part of the 800 man student complement.

On a similar trip the junior class studied naval tactics aboard an aircraft carrier while the Iowa State contract students took a short cruise on the USS Duluth. The aircraft carrier Princeton went to Honolulu while the Duluth went to Victoria, British Columbia.

Practice on the bridge for NROTC Cadets.



Simulated gunnery range shows Cadets how a 20 mm. gun operates.

Front Row: Bernard, Royall, Sutherlan. *Top Row.* Myers, Hanley, Latta.

Midshipmen trained aboard a battleship and an aircraft carrier on Pacific cruise

NROTC crew plots the course of the good ship Armory.

After Captain R. B. Levin was called to active duty, command of the Iowa State unit was assumed by Captain W. F. Royall. Captain Royall is a graduate of the United States Naval Academy and was on sea duty from 1940 until assignment at Iowa State. Student officers included Battalion Commander, Donald Winsor; Battalion Subcommander, Gerald Love; Battalion Adjutant, Charles Hampton; and Company Commanders, Richard Reynolds and Ralph Bittner.

During the course for the academic year both the regular and contract NROTC students attend naval science classes in addition to work in their chosen field. The regular NROTC students upon receipt of their bachelors degree are commissioned in the Navy or Marine Corps, according to their choice. The contract student must upon graduation accept a reserve commission in the Navy or Marine Corps and if called serve two year's active duty.

Front Row: Whitehouse, Ludwig, Farrell, Worswick, Fox, Eichhorn, Tubbesing. *Second Row:* Buelow, Frederickson, M. Johnson, Seeley, Quinn, Akin, Stephens, Rhoads. *Third Row:* Spies, Clapp, Adams, Drulias, Godfredsen, Swearingen, Dew. *Fourth Row:* Drewes, Keyes, Reide, Koth, A. Nelson, Bonthuis, Vail, Holmgren. *Fifth Row:* Howes, Otto, Hale, R. Nelson, Krogh, Baker, Scott. *Top Row:* C. LeBuhn, Forman, Anderson, Miller, Rode, Burgraff, Pugsley.

Front Row: Haw, Ostrand, Collins, Schrampfer, O'Neil, Thompson, Cook. *Second Row:* Nefstead, Peterman, Loetscher, McMichael, McKee, Whealen, Martin, Mengel. *Third Row:* Novak, Caine, Jose, Clark, Marriott, R. Johnson, Hughes. *Fourth Row:* Griffin, Connelly, Reese, Martin, Jorgenson, Garfield, Schroeder, Ploog. *Fifth Row:* Illeman, Mayotte, Parsons, Gilpatrick, Lorenz, Russell. *Top Row:* Callies, P. Le Buhn, Schermer, Staunton, Cownie, Sexauer.

ISSIE

The members of the Iowa State Society of Industrial Economists meet twice a month to discuss the affairs of the department. Membership is limited to graduates, special students and undergraduates of the Department of Industrial Economics. All permanent faculty in the department are honorary members.

The society was headed this past year by Wayne Collins, president, and William H. Schrampfer, faculty advisor. Other officers were John O'Neil, vice-president; Bob Haw, secretary; Walter Ostrand, treasurer; Jack Mengel, publicity chairman; Bob Whealan, membership chairman; Paul Nefstead, program chairman, and Dwayne Jose, alumni contact chairman. Members of the board of directors were Jose and Bob McKee, seniors; Patricia Peterman and Dick Loetscher, juniors, and Craig McMichael and George Martin, sophomores.

Speakers are invited to the meetings from time to time to acquaint the members with conditions in the business world. It is through these men that the students learn what is to be expected of them when they leave school. The purpose of the society is to promote interest in industrial economics and prepare its members for positions in the field.

Front Row: Potter, J. Fowler, Bretnall, Mrs. DeLaHunt, Rexroat, Schropp, Lloyd. *Second Row:* Hamiel, Williams, Brogotti, Rychnovsky, Very, Spangler, Folkers, Morledge. *Third Row:* Pletch, Whitfield, Wiegand, Kinnear, Braymen, Wilkerson, Fleak. *Fourth Row:* Parkhill, Miller, Johns, Forsyth, Rafn, Staly, Bates, Bockwoldt. *Fifth Row:* Porter, LaRue, Beggs, Pleak, Kreutzkampf, Byers, Tappen. *Top Row:* Bleuer, Harvey, M. Fowler, Trey, Watkins, Stanek, Morgan, Pettis.

Front Row: Meyer, Owen, Hinrichsen, Steigerwalt, Ware, Jewett, Maynard. *Second Row:* Heaton, Swiedom, Simmons, Densmore, Harlan, Nutt. *Third Row:* Reichstein, G. Johnson, Wynne, Heffner, Butterfield, Taylor, O'Brien. *Fourth Row:* Greenfield, James, E. Manny, L. Manny, N. Johnson, Nelson. *Fifth Row:* Larson, Robinson, Teich, Maxson, Moellering, Neff, Booth. *Top Row:* Ethington, McKean, Townsend, Smith, Carr, Voggenthaler, Laxson.

SCIENCE WOMEN'S CLUB

The bi-monthly meetings of the Science Women's Club cover a variety of topics, ranging from art to politics, with discussions on clothes and books in between.

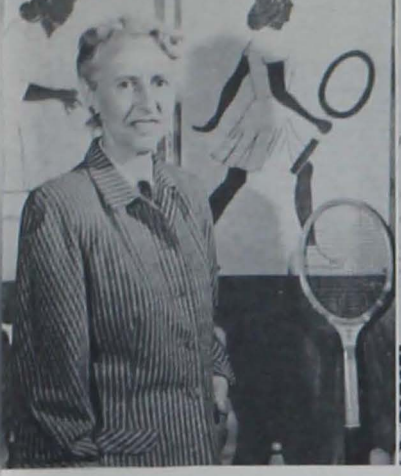
The purpose of the organization is to give its members some of the things not taught in the class rooms that will be of interest to them and give them a broader view of the world they live in. "We come to college not alone to prepare to earn a living, but to learn to live a life" serves the club as a motto and an inspiration.

The club began its social activities fall quarter with a spaghetti supper early in fall quarter at the Lynn Fuhrer Lodge. A Christmas party was held in Roberts Hall December 7 and a tea dance for the members and their dates during winter quarter.

Membership is open to all women in the divisions of Science, Engineering and Agriculture. During the past year the number of women in the organization totaled close to 150. Membership drives are initiated during fall and winter quarters.

Mildred Bretnall served the club as president during the past school year. Margaret Schropp was vice-president; Chris Brogotti, secretary; June Williams, treasurer, and Phyllis Potter, program chairman. Mrs. R. J. De La Hunt is faculty advisor.

From murals in the Iowa State College Library directed by Grant Wood.



Dr. Germaine Guiot
Women's Physical Education

Prof. Marjorie Garfield
Applied Art

Dr. P. Mabel Nelson
Dean

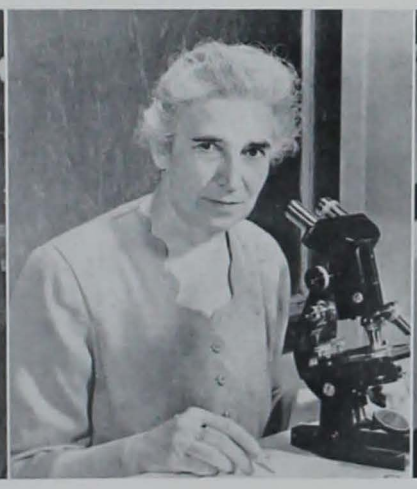
DIVISION OF HOME ECONOMICS

Since its beginnings in 1872, when housekeeping lectures were held in the basement of Old Main, the Division of Home Economics had grown to an enrollment of 1,546 students by the fall of 1948. As the nation's first Home Economics school, it became a separate division in 1913 headed by Dean Catherine MacKay. Currently it is under the direction of Dean P. Mabel Nelson.

As more and more women have come to Iowa State for training in Home Economics, the division has expanded to meet the needs. Never was this more true than during the past year. More laboratory and classroom space is being planned and added to accommodate next year's classes.

At the present time projects are under way to develop a more adequate understanding in all areas of Home Economics. One of the division's most important services is establishing a link between the rural family and Iowa State by giving the family information on recent developments in Home Economics.

Prof. Florence Fallgatter
Home Economics Education



Prof. Belle Lowe
Foods and Nutrition

Prof. Elizabeth Sheerer
Assistant to the Dean

DR. PEARL P. SWANSON
Foods and Nutrition

DR. LOUISE J. PEET
Household Equipment

PROF. IRENE NETTLETON
Personnel Director

Home Ec classes set the pattern for fashion.

Mary Lueder puts the finishing touches on her handiwork.

Veishea Home Economics open house showed many visitors "what goes on in that building".

Front Row: Mohr, Van Roekel, Mukin, Doll, Pangborn. *Second Row:* J. Anderson, Fincham, Adams, Thomson, Willis, Holler. *Third Row:* Johnson, O'Flaherty, Larson, Hudson, Shoemaker. *Top Row:* Westcott, Knapp, Close, True, McKee, M. Anderson.

HOME ECONOMICS COUNCIL

The primary purpose of the Home Economics Council is to coordinate the work and aims of all departmental clubs in the Division of Home Economics. The council is composed of the presidents and vice-presidents of the ten departmental clubs in addition to advisors and ex-officio members.

The council sent delegates to the provincial, state and national conventions to let the rest of the country know what Iowa State students are doing in home economics. Financial contributions to the American Home Economics Association building fund were handled by the group.

The need for a divisional coordination project brought about the inauguration of the Divisional Bazaar this year, headed by Joyce Anderson and Sally Salisbury. The council hopes that the Bazaar will continue as an annual affair.

During the year the council sponsored the Home Economics Ball, the World Christmas Festival Fund, the Student-Faculty Tea for the division and Ellen H. Richards Day, the latter in conjunction with Omicron Nu and Phi Upsilon Omicron, national home economics honorary and professional fraternities respectively. Most of the social functions were handled by the individual departmental clubs.

Officers for the past year were Vivian Mukin, president; Dorothy Doll, vice-president; Ruth Van Roekel, secretary; and Doris Pangborn, treasurer. Miss Anita Kezer of the Department of Child Development was the group's faculty advisor.

Aaberg, Gloria Ann
Adams, Mary Janet
Anderson, Mary Alice
Anderson, Opal M.
Asher, Rowena Bevier

Baker, Marjorie L.
Baker, Nancy A.
Barker, Juliann D.
Barker, Louise H.
Barkley, Norma M.

Barthell, Dorothy W.
Bates, Barbara Jean
Bayles, Joan W.
Beardmore, Mae
Beaver, Lois A.

Belschner, Marjorie Ann
Benda, Natalie
Bergquist, June
Berry, Barbara W.
Bierman, Lois Esther

Billington, Marion V.
Bisson, Ruth
Bjorndahl, Marilyn J.
Bland, Betty A.
Bleam, Doris A.

Bloomfield, Dorothy M.
Boeke, Roberta S.
Bond, Mary J.
Bosnak, Anne
Brinton, Eloise M.

Brooks, Hazel B.
Brooks, Louise I.
Brown, Elsie M.
Brunsvold, Martha E.
Buerkens, Bonnie F.

Burkle, Mary E.
Burnett, Virginia Jean
Burrows, Florence L.
Campbell, Jo Anne
Carl, Barbara Berry

Christensen, Mary Lou
Clapp, Nancy A.
Clark, Lillis M.
Cody, Marlyn A.
Collier, Muriel K.

Constance, Frances J.
Craig, Frances M.
Crawford, Dorothy M.
Crist, Barbara J.
Crowell, Kathryn R.

Daufeldt, Myldred J. H.
Davis, Elizabeth A.
Day, Jackie J.
DeBois, Marion L.
DeBord, Eileen E.

Dickeson, Betty J.
Doll, Dorothy G.
Dolvin, Mary Ellen
Donelson, E. Ann
Dorsett, Charlotte E.

Doscher, Donna B.
Doyle, Martha Pauline
Drewry, Shirley L.
Duncan, Mary Beth
Dunn, Marjorie E.

Dunn, Patricia A.
Edgar, Joyce E.
Edson, Gloria M.
Ehrhardt, A. Jeanne
Eickelberg, Della E.

Elliott, Alma B.
Elting, Shirley A.
Ethington, Donna Sones
Farrington, Frances E.
Feucht, Ruth J.

Field, Marion D.
Fincham, Mildred L.
Finney, Lois K.
Ford, Pearl M.
Fosler, Ellen Lavonne

Fulton, Phyllis
Galbreath, Bernice M.
Ganser, Mary E.
Gardner, Eileen Burgess
Gaston, Marcia Ann

Gayer, Dorothy Miller
Gill, Helen J.
Gladson, Ruth M.
Golden, Barbara L.
Gosling, Barbara A.

Graff, Jane
Gray, JoAnn
Grundon, Jane
Hahn, Margaret M.
Hall, Marjorie Jane

Hamilton, Mary A.
Hans, Carol L.
Hansen, Devah L.
Hansen, Frances Bailey
Hansen, Gloria W.

Harmon, Virginia M.
Hartmann, Margie
Heath, Jean B.
Held, Esther L.
Hendrickson, Ethel Mae

Hertel, Elsie Zea
Hieronymus, Sharon F.
Hinkly, M. Audrey
Hodgskiss, Dorothy E.
Hoelscher, Lois M.

Hoersch, Dorothy A.
Hohenshell, R. Muriel
Hollingshead, Marjoiry A.
Hollowell, Jean S.
Holsopple, Elizabeth J.

Hoover, Llouise
Hoover, M. Eileen
Howell, Patricia A.
Hudson, D. Jeanne
Hull, E. Elaine

Huston, Mary Lou
Jacobs, Gertrude Ann
Jenkins, Colleen
Jensen, Esther M.
Johannes, Marjorie L.

Johnston, Marian F.
Johnston, Mary
Johnston, P. Joan
Jones, Patricia M.
Keeton, Martha J.

Kelleher, Joan M.
Kenyon, Jean A.
Kilty, M. Joan
Kirchner, Juana M.
Klund, Doris E.

Knutson, Norma L.
Koele, Juanita H.
Koors, Katherine E.
Korslund, Jeannette M.
Kukar, Rosemary A.

Lamb, Margaret E.
Lankelma, Ione
Lansing, Lila M.
Larsen, Eunice
Larson, Virginia Ruth

Lattner, Joan
Lee, Bo Ock
Lindaman, M. Jean
Linge, Lucille O.
Lippke, Frances H.

Lockridge, Margaret L.
Lueder, Mary R.
Luhnow, Jeanette E.
Lund, Jean M.
McDonnell, Mary Ann

McKee, Patricia G.
McKig, Janet M.
McLeod, Amber F.
Mackland, Edna M.
Mann, Jeanne M.

Martin, Carolyn E.
Martin, Marian Leah
Mathews, Ruth E.
May, Martha B.
Menne, Mary Susan

Mercer, Reba R.
Meyer, Barbara H.
Meyer, Joyce M.
Mird, Marjorie E.
Millard, Janet A.

Miller, Gwendolyn Lois
Miller, Marilyn J.
Milliman, D. Joan
Mitchell, Elizabeth B.
Mohr, Roberta M.

Mongerson, Joyce E.
Monteith, Marjorie C.
Morgan, Ruth C.
Morris, Lois Ann
Morrison, Irene E.

Mukin, Vivian V.
Nauman, Janet M.
Newell, Helen
Nielsen, Bette L.
Noland, Esther M.

Norman, Lorraine E.
Norman, Shirley M.
Nystedt, Norma
O'Flaherty, Betty
Ohlsen, Anita J.

Olson, Emogene J.
Olson, Marilyn S.
Olson, Phyllis J.
Ory, Jean M.
Pavlik, Florence M.

Payne, Ruth M.
Peterson, Ellen A.
Peterson, Helen
Petterson, Mary B.
Poland, Joan

Peshek, Jeanne K.
Pray, Martha Jo
Pugh, Virginia Y.
Ragan, Lois E.
Ragsdale, Audrey I.

Rasmussen, Mary Joy
Redmond, Joy V.
Reed, Leanna M.
Reigle, Zelma F.
Richardson, Marilyn F.

Ritchie, Helen F.
Rhodes, Marian J.
Rondestvedt, Carolyn E.
Roth, Joanne Seneff
Salisbury, D. Maxine

Saunders, Margery G.
Scallon, Teresa M.
Schmielau, Carla E.
Sells, Gwendolyn A.
Shapiro, Beatrice H.

Shaw, Jean E.
Shean, Ruth M.
Sheehan, Donna B.
Shepard, Roberta J.
Shoemaker, Sylvia C.

Sievers, Marion G.
Silletto, Barbara J.
Simon, Helen L.
Smith, Yvonne C.
Soderberg, Margit J.

Soldat, Breta C.
Sorauf, Jeanne E.
Stough, Dycie Jane
Strausbaugh, Emogene Faye
Sullivan, Cora L.

Taylor, Mary Lou
Terrell, M. Jean
Thevenin, Ramona M.
Thiel, Evelyn K.
Thomas, Dorothy E.

Thomas, Rosalie F.
Tolander, Joan D.
Torgerson, Dorothy L.
Towne, Elizabeth
Tripses, Dorothy H.

True, Dorothy A.
Urion, Ruthmary
Veatch, B. LaVonne
Very, Ruth M.
Walters, Mary Louise

Waterous, Donna L.
Watts, Dorothy L.
Wieck, Mary Ellen
Whade, Enid E.
Wild, Betty J.

Williams, Ruth E.
Willis, Marilou
Wissler, Virginia B.
Wixson, Carolyn A.
Wolff, Jean M.

Wooff, Shirley L.
Zarub, Priscilla
Zeigler, Carolyn Grace
Zimmerman, Nathalia M.

From murals in the Iowa State College Library directed by Grant Wood.

Dr. C. H. Covault
Director of Veterinary Clinics

Dr. G. R. Fowler
Veterinary Surgery

Dr. M. A. Emmerson
Veterinary Obstetrics

DIVISION OF VETERINARY MEDICINE

The Division of Veterinary Medicine is the oldest college of its type in the United States, having been established in 1879. The enrollment for the past year was the largest in the division's history.

In addition to the seven major educational departments and the Stange Memorial Clinic, there are also included within the division the Veterinary Research Institute and the Iowa Veterinary Diagnostic Laboratory.

The former investigates those diseases of food-producing animals whose cause or control is not well understood and attempts to develop methods by which these diseases may be controlled or eradicated. The latter furnishes laboratory diagnostic service for the livestock industry of Iowa.

Dr. H. D. Bergman
Dean

Dr. H. L. Foust
Veterinary Anatomy

Dr. I. A. Merchant
Veterinary Hygiene

Dr. E. A. Benbrook
Veterinary Pathology

Dr. P. C. Bennett
Iowa Veterinary Diagnostic Laboratory

Vets give rapt attention to their lecturer; notice Rip Van Winkle in the fourth row.

Front Row: Cowles, Dr. Ramsey, King, Williams. *Second Row:* L. Bunge, Husmann, Holst, R. Bunge, Whitcomb. *Top Row:* Pfow, Hunter, Campbell, Flater.

AVMA COUNCIL

The American Veterinary Medicine Association Council is the executive body of the Iowa State student chapter of the AVMA. In this capacity it is responsible for the operation and conduct of the chapter. Meetings are scheduled at the direction of the president, usually once a week.

It also serves as the judicial body for the honor system of the Division of Veterinary Medicine. All cases of violation of the system are brought before the council. Its job is to decide whether the case should be dropped or whether it should be passed on to the higher authorities.

The council is responsible for all committees of the student AVMA and their functions. The planning of programs for the club meetings is one of its duties, as well as organizing the division's participation in all phases of the annual Veishea celebration.

The council as such does not sponsor activities, but represents the division in all college functions. It is made up of thirteen members. The officers are the same as those of the student chapter. The other members for the past year were Guy Flater, critic; Ollie Whitcomb and Walt Campbell, cardinal guild representatives, and a representative from each of the four classes: Bill Hunter, senior representative; Claude Pfow, junior representative; Dick Holst, sophomore representative, and Fred Husmann, freshman representative. Dr. Frank Ramsey was faculty advisor.

Allen, Philip R.
Benbrook, Stanley C.
Biller, Raymond R.
Bredahl, Franklin W.
Bromwell, David R.

Buzzetti, Romaine J.
Calhoun, Edward
Coffland, Robert T.
Cutler, James H.
Dougan, Paul K.

Ellis, Stewart C.
Emerson, Wayne L.
Erickson, Joseph W.
Flater, Guy N.
Flickinger, Robert G.

Hunter, William R.
Jacobs, Duane P.
Kilpatrick, Warren J.
King, Stanley
Lafeber, Theodore J.

Lemonds, Leo L.
Lloyd, W. Eugene
Lustig, Peter
McDonald, Quentin F.
Maxwell, Earl E.

Neely, John L.
Nelson, LeRoy E.
Nelson, Myron A.
Neumann, Arlo J.
Patek, Theodore B.

Paulson, Quentin S.
Peak, Frank
Pinkert, Paul A.
Pope, Edward P.
Preston, William R.

Ribelin, William E.
Scamman, Jack
Siemens, John W.
Skewes, Art R.
Sloan, James A.

Snyder, Robert A.
Stoppel, Donald F.
Tabberson, Kenneth M.
Thompson, Paul L.
Thone, James O.

Tillie, John E.
Waters, William B.
Whitcomb, Oliver W.
Wiersig, Donald O.
Williams, Richard C.

Wilson, Sanford B.
Witt, LaVerne E.

Vets study small animals too.

The annual AVMA banquet.

The boys gave this gentleman a thorough physical check-up.

Front Row: Strohbehn, Husmann, Henderson, Spidle, Gorham. *Second Row:* Fritz, Hesse, Weires, Reed, Chace, Johnson. *Third Row:* Hemerson, W. Baker, Cavanaugh, J. Baker, Gooch, Burger, Burch. *Fourth Row:* Terry, Marcum, Freeman, Cunningham, Guldner, Miskimins. *Top Row:* Scholten, Shirrell, Wyatt, Minton, Voetberg, Phillips, Babcock.

Front Row: Bevins, Kunkle, Johnston, Veach, Wallace, Mattison. *Second Row:* Donnelson, Templeman, Chapin, Clark, Shirbroun. *Third Row:* Lynn, Whitford, O'Brien, Jermier, Schriker, Wright. *Fourth Row:* Wales, Vail, Thorpe, Stamy, Danker. *Top Row:* Olson, Overland, Winlock, Mau, Bendorf, Sandberg.

AVMA

The primary aim of the Iowa State student chapter of the American Veterinary Medicine Association is to provide an opportunity for its members to gain additional professional knowledge through speakers invited to its meetings. In addition, the club gives students in the division a chance for social activity.

The organization sponsored five major divisional social functions throughout the school year. The fall banquet, held in October, began the season. Then came the Christmas party, the Vet Medicine Ball and the spring dance. The annual spring picnic was given in May.

Approximately two hundred and seventy students comprised the club's membership this past year. Meetings were usually held four times a quarter. If the discussion happened to be of interest to students in the Division of Agriculture, they were invited. In addition to its other activities, the organization sponsors the *Veterinary Student*.

Officers for the past year were Stanley King, president; Dick Williams, vice-president; Roland Bunge, secretary; Lee Bunge, treasurer, and John Edenburn, program chairman. Dr. Frank Ramsey served as faculty advisor.

Front Row: Giese, Flynn, Baker, Hart, Pfow, Albrecht, Crawford, Winterfield. *Second Row:* Chudomelka, Bierschwal, Fuller, D. Anderson, Linn, Bell, Severson, Dobson. *Third Row:* Poppen, Schlegel, Kilian, Hull, Cahalan, Weatherly, Moore. *Fourth Row:* Feldman, Weimer, Campbell, Cowles, Misner, Cecil, Muhm, Jacobson. *Fifth Row:* L. Bunge, Urbatsch, Kittrell, Lannan, Koeppen, Cooper, Hacecky, Riepma, S. Anderson. *Top Row:* Herrmann, Tyler, Speaker, Edenburn, Randolph, Winegarden, Kocher, Hall.

Front Row: Lee, Lowe, Platte, Holst, Raun, Kelley, Cook, Haried. *Second Row:* Wunder, Van Roekel, Collins, Dowding, Rogers, Watkins, Clausen, Stream. *Third Row:* Jensen, Buchanan, Downard, Kontz, Miller, Peglow, Faber. *Fourth Row:* Cullen, Robinson, Kirkegaard, Daugherty, R. Bunge, McGregor, Swift, Strayer. *Fifth Row:* Perkins, Budding, Bushnell, Briley, Vanderloo, Wahl, Owens, Fields, Telleen. *Top Row:* W. Anderson, Young, Crane, Howland, Holman, Barnes, Rosdail, Jacobsen.

Front Row: McDonald, Paulson, Patek, Wiersig, Allen, Hunter, Bredahl, Neely, Neumann. *Second Row:* Morrison, Nelson, Sloan, Skewes, Tillie, Stoppel, Witt, Buzzetti, Pope. *Third Row:* Flater, Scamman, Snyder, Emerson, Cooper, Maxwell, Ellis, Dougan, Thone, Riordan. *Fourth Row:* Ribelin, Lemonds, Kilpatrick, Flickinger, Wilson, Biller, Lloyd, Calhoun, Jacobs, Tabberson, Scobell. *Fifth Row:* Benbrook, Coffland, Garvin, Archer, Lustig, Erickson, Kempema, Whitcomb, Hunter, Williams. *Top Row:* Ives, Thompson, Lichter, Armstrong, Preston, Siemens, Bromwell, Cutler, Peak, Lafeber, Betsworth.

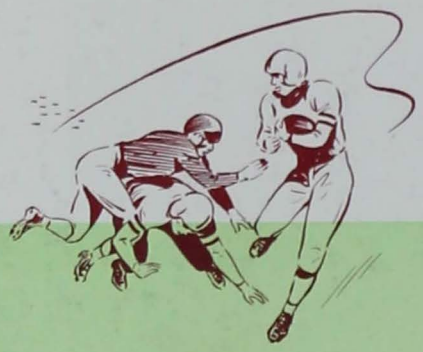
Winter magnificence in the glen below the Memorial Union . . .

. . . . and the quiet spring beauty of Lake La Verne.

IOWA STATE COLLEGE OF AGRICULTURE AND MECHANIC ARTS
SCIENCE WITH PRACTICE

Book 2

ATHLETICS



Cyclone athletic contests continually attract more fans than the won-lost columns would indicate. Through the seasons, the fans lend their support in a spirit of competition and sportsmanship which prevails at all school games. Partial explanation of this comes from the fact that

despite the score Cardinal and Gold teams never quit. Apparent overpowering odds and the short end of comparative strength are overshadowed by an unyielding will to win. Against the high-powered machines of present day college competition, Iowa State teams are no easy mark and past experience has proven this to Cyclone opponents. The future of athletics at Iowa State College is dependent upon a continuation of the cooperative spirit existing between the Cyclone teams and rooters which has paid recognized dividends in the past.

Members of Athletic Council, left to right: Hoak, Wegner Winfrey, Benbrook, Chairman Firkins, Menze, Anderson, King, Schneider, Willer and Bergman.

ATHLETIC DEPARTMENT

At the close of the 1946–1947 basketball season, Louis Menze stepped down as cage mentor in order to devote more time to his duties as Athletic Director. Chic Sutherland took over the head hardwood duties for the Cyclones.

After a disappointing year immediately following the war, the Athletic Council brought Abe Stuber to Iowa State as head football coach. In his two years here the likeable Abe has fielded an improved, crowd-pleasing team.

Meanwhile, the Cyclones lengthened their string of conference swimming championships, and in the summer of 1948 Iowa State laid claim to an Olympic wrestling champion as Glenn Brand topped the middle-weight class in the London classics.

LOUIS MENZE
Director of Athletics

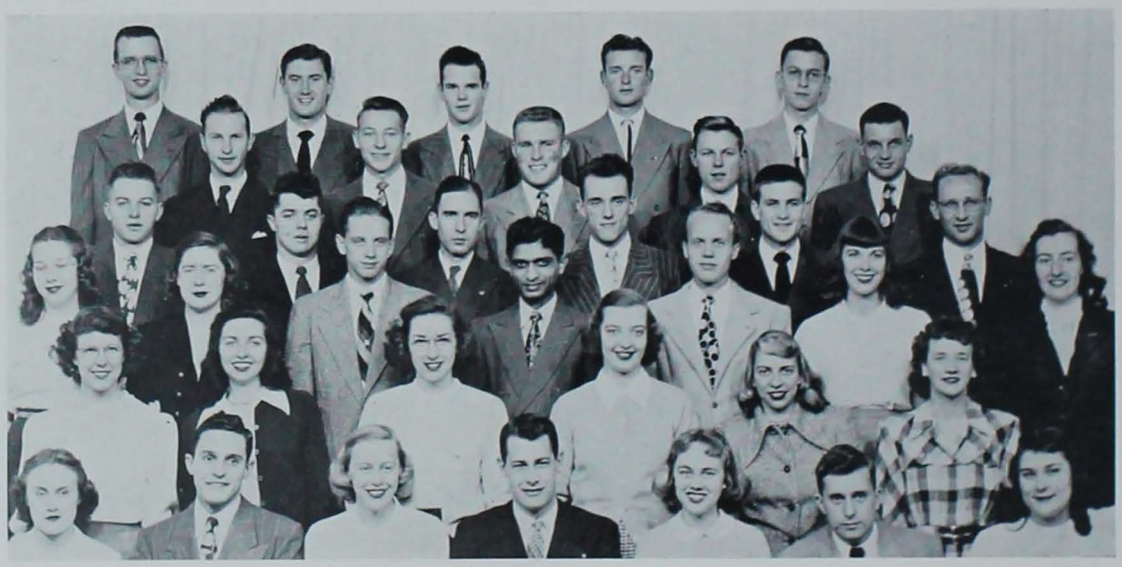
Athletic Department personnel Irvin Christensen, Merl Ross, Louis Menze and Harry Burrell.

Upper: *Cheer squad sounds all aboard call for Nebraska migration.*
Lower: *Food and pep for all at the Pep Barbeque.*

PEP CLUBS

In line with the advancing athletic program two new pep organizations have taken their place on campus along with two others who reorganized after an inactive period during the war. The first of the newly formed groups to hit the campus was the 630 Club which was formed in the fall of 1946 following a disastrous Homecoming defeat. The club encourages outstanding high school athletes to attend Iowa State and in addition brings Cyclone athletes into closer contact with the student body through the selection of an Athlete of the Week.

Early in 1947 the men's pep organization, Yel-Jax, was reorganized to promote pep and to render service to the college. Through the cooperation of the student body the Yel-Jax brought the "color card" sections to the home football games. The women's counterpart of the Yel-Jax, the Twisters, made their appearance in 1948.



630 CLUB—*Front Row:* Nolting, Miller, Mohr, Weber, LaRue, Seaton, Barber. *Second Row:* Jury, Harvey, Townsend, Woehlke, Teich, Sheperd. *Third Row:* Harmon, McDonald, Hug, Patel, Von Berg, Adams, Traylor. *Fourth Row:* Sowers, Meyer, Kongable, Schoeffler, Akin, Ostrand. *Fifth Row:* Stirm, Dahlberg, Nissly, Titus, Koon. *Top Row:* Ludemann, Toomey, Pearey, Patrick, Gilles.

YEL-JAX—*Front Row:* Ludemann, Cashman, B. Yungclas, T. Yungclas, Bretz, Kirby. *Second Row:* Stevens, Scholl, Von Berg, Mikkelson, Parish, Stefacek, Vaughan. *Third Row:* Titus, Palm, Tyrrell, Grace, Matthews, Katz. *Fourth Row:* Green, Somermeyer, Wikner, Pothast, Moore, Pugh, Barson. *Top Row:* Burch, Danneel, Bonnewell, Hassebrock, Gilles, Merriam.

Student caravan trip was made to Nebraska; 5,000 students cheered team at pep rally

With the formation of these new pep clubs to aid the ever-working cheer squad in the promotion of school spirit, the need was recognized for a directing body to coordinate the different activities of the club. Such a body was formed in the spring of 1948 and was called the Pep Council. It listed as its purposes the promotion of enthusiasm for athletics, planning pep rallies and the organization of support for out-of-town games.

The council wasted little time in carrying out its principles, for during the past football season a bus caravan set out for Lincoln and the Nebraska game. An all college pep rally endorsing Coach Stuber just prior to the Arizona game was planned and carried out with over half the student body present.

Some of the ISCollegians who grudgingly cut class to see the team off to Arizona.

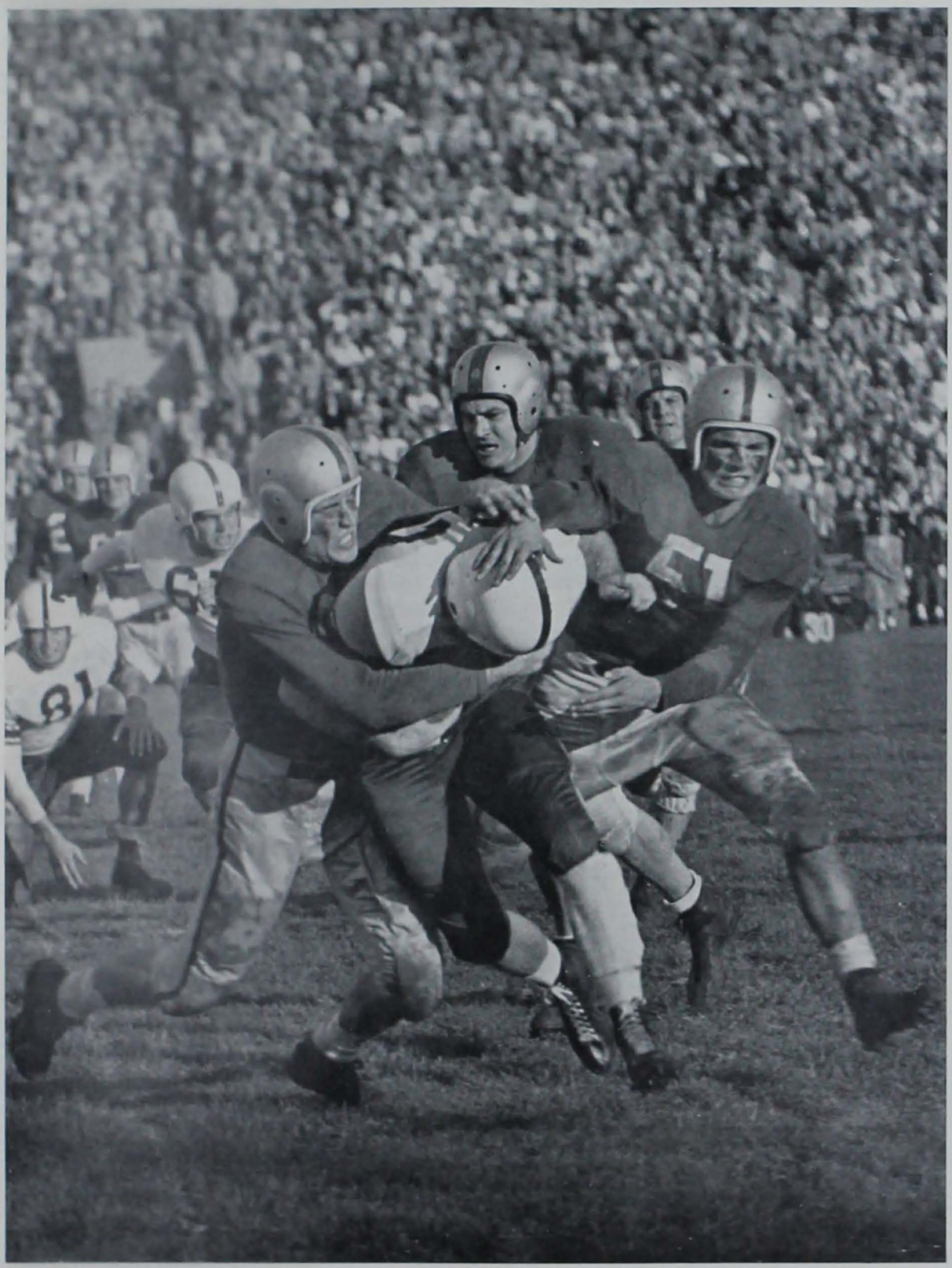
TWISTERS—*Front Row:* Dalrymple, Sparling, Mohr, Morrison, Hollingshead, Pugh, Harris. *Second Row:* Weis, Seats, Parish, Hussey, Hinrichsen, Thorp, Neilsen. *Third Row:* Veatch, McLeod, J. Smith, Saunders, Hamblin, Gilchrist. *Fourth Row:* Murray, Varnes, Forsyth, Densmore, Bowman, Heffner, Malmborg. *Fifth Row:* Spearing, Huser, Knott, Henderson, H. Smith, Landel. *Top Row:* Roskens, Hoogeveen, Gaston, Highland, Rachut, Bell, Lougee.

Although relatively new among the pep clubs on campus the Twisters have shown promise of becoming a very essential part of the Pep Council's activities. The Twisters were active at last season's basketball games, supervising the collection of March of Dimes donations. They also provided varied half-time programs at the football games.

The standby and hardest working of the school spirit promoters has long been the Cyclone Cheer-Squad. Always present at the home contests, the cheerleaders serve as the focal point of student support and enthusiasm and also take a prominent part in all pep rallies, pep bon-fires and other athletic promotions.

Where's my liniment.

CHEER SQUAD—*Top Row:* W. J. Smith, Van Roeckel, Manny, Hagie, Bilston. *Second Row:* Hug, Meeks, Smith, Alcock. *Front Row:* Rosen, W. Ritts, J. Smith, E. Ritts.



End of the line for this Sooner as Friedl, Norman and Rust team up for the tackle.

Tackle
GEORGE FRIEDL

Center
ROD RUST

Tackle
TOM SOUTHARD

1948 FOOTBALL

In his second year at Iowa State, Coach Abe Stuber guided the Cyclones to four victories and six losses in a rugged ten game schedule that found the Cardinal and Gold facing some of the best teams in this part of the country. In Big Seven competition, wins over Colorado and Kansas State and defeats at the hands of Nebraska, Kansas, Missouri and Oklahoma gave Iowa State a tie for fifth in the final season standings.

Cyclone spirits were at low ebb as the powerful Michigan State team left town after their devastating visit, but the impressive Homecoming victory over Colorado and other good showings against strong teams helped to brighten the record. Although plagued by injuries throughout the season, the Cyclones continued to play that fighting brand of football that has so often brought them praise.

Coaches Donnells, Cormack, Stuber, Moore, and Timm.

Top Row: Tillo, Loveall, Jensen, Doran, Wilhelmi, Norman, Jessen, Dean Laun, Foy. *Sixth Row:* Carney, Don Laun, Titus, Beacom, Erwin, Luymes, Camery, Herko, Paulson, Halbert. *Fifth Row:* Rothacker, Bosnyak, Southard, Omer, Klootwyk, Meskines, Delbridge, Cimburek, Kornbaum, Rust, Angle. *Fourth Row:* Trainer Burnett, Weeks, Brinkman, B. Meyers, J. Meyers, Seibold, Mahnke, Steinbach, Richardson. *Third Row:* Nissly, Chauncey, Webb, Griffith, Pottebaum, Whalen, McGlynn, Hook, Gorham. *Second Row:* Trainer Bonesteel, Sutherland, Stuber, Timm, Moore, Donnells, Taylor, Cormack, Friedl. *Front Row:* Ferguson, J. Brubaker, Snider, Shaner, Sanberg, H. Brubaker, Grundman, Green, Bean.

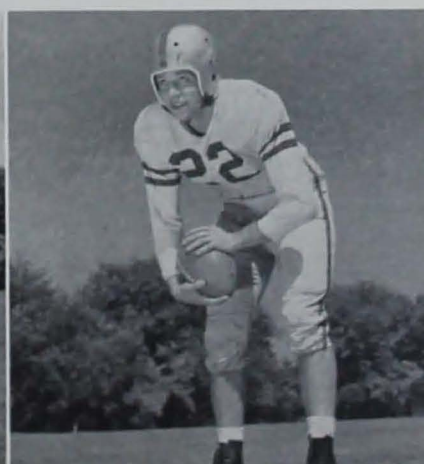
WON 4 – LOST 6

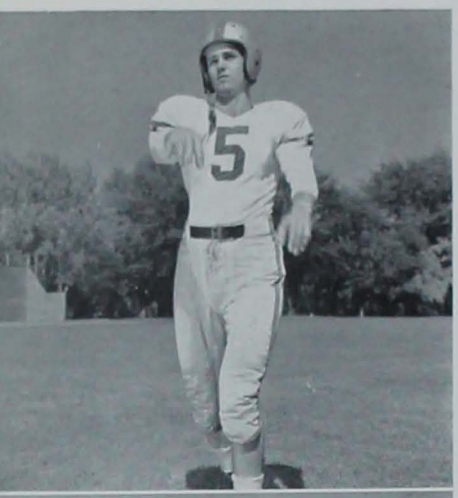
Iowa State	27 – Iowa State Teachers 7	Iowa State	7 – Missouri 49
Iowa State	15 – Nebraska 19	Iowa State	6 – Oklahoma 33
Iowa State	20 – Kansas State 0	Iowa State	2 – Drake 0
Iowa State	7 – Kansas 20	Iowa State	7 – Michigan State 48
Iowa State	18 – Colorado 7	Iowa State	7 – Arizona 14

Fullback
RAY KLOOTWYCK

Tackle
JIM JESSEN

Halfback
WEBB HALBERT





John Griffith, *Quarterback*

Dean Laun, *End*

• Bill Chauncey, *Fullback*

ISC 27, ISTC 7

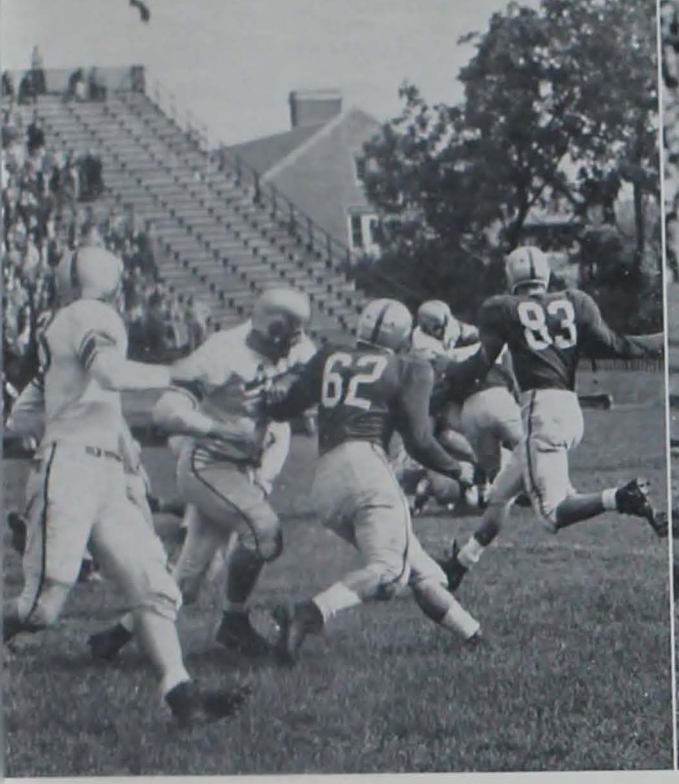
A record opening day crowd of 12,200 people saw a combination of Cyclone reserve power and a 94 degree temperature wear down an undermanned Iowa State Teachers team, 27–7. Although the Teachers were able to cope with Iowa State's ground attack through the first half, their pass defense slipped once and the Cyclones held a 7–0 halftime lead. At the outset of the third quarter the Panthers knotted the score, but that was their final effort as Iowa State counted three more times. Defensively, Ray Klootwyk and Tom Grundman stood out.

ISC 7, KANSAS 20

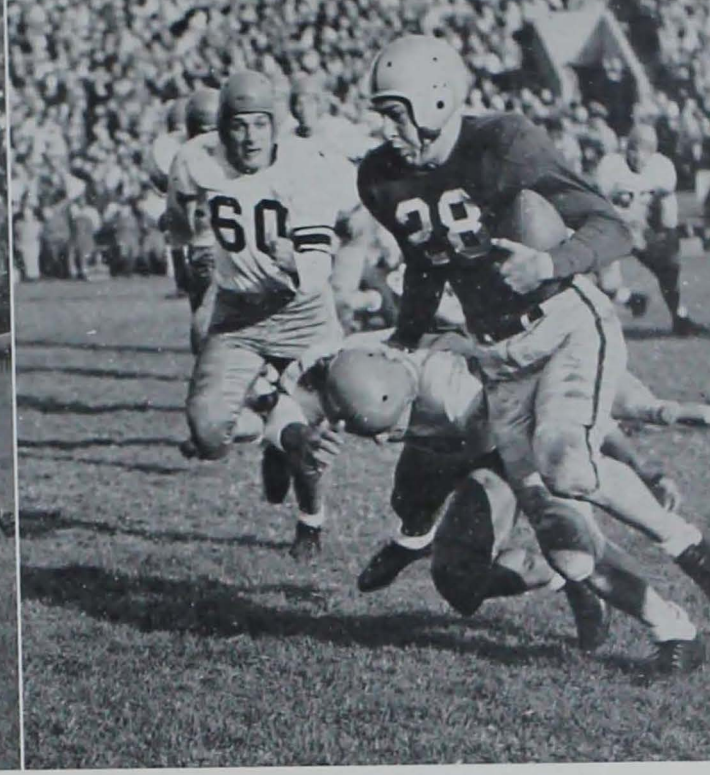
After spotting Iowa State a 7–0 lead in the first quarter the smooth working Jayhawks had things pretty much their own way the rest of the game, scoring in each of the remaining periods while piling up the two touchdown margin. The first period march that scored the lone Cyclone touchdown was the only time during the entire afternoon the Stuber-men got inside the Kansas thirty yard line. The visitor's light but rugged line, fronting a hard running backfield, was too much for Iowa State as the Cyclones suffered a 20–7 loss.

ISC 20, KANSAS ST. 0

Iowa State scored three touchdowns in the first half and then coasted through the second half to chalk up their first conference win of the year. Halfback Webb Halbert led the way as he scored two of the touchdowns and averaged nearly eight yards a try while playing one of the best games of his career. A Griffith to Wilhelmi pass completed the scoring before Iowa State settled back to a defensive game. The line play of the Cyclones was a deciding factor in the victory as time and again they stopped the Kansas State backs without gain.

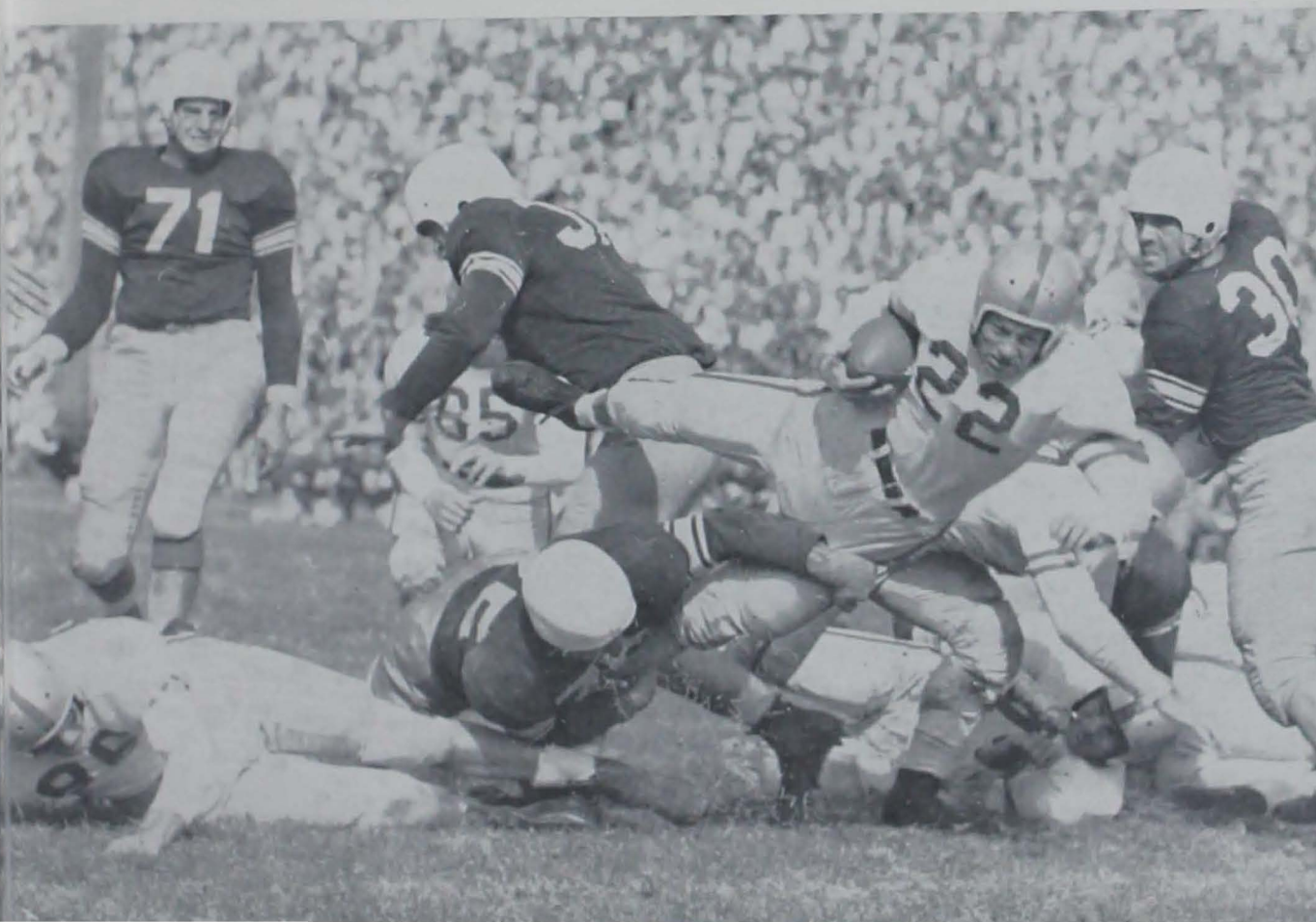


Plenty of Cyclones on hand to take care of this Jayhawker.



Bob Angle does a neat job of getting rid of his would-be tackler. Other Buffaloes get two "brownies" for being tardy.

Webb Halbert dives over the Kansas State line for his second touchdown of the day.



Guard
RUSS WHALEN

Guard
JOE BRUBAKER

Guard
BILLY MYERS

ISC 15, NEBRASKA 19

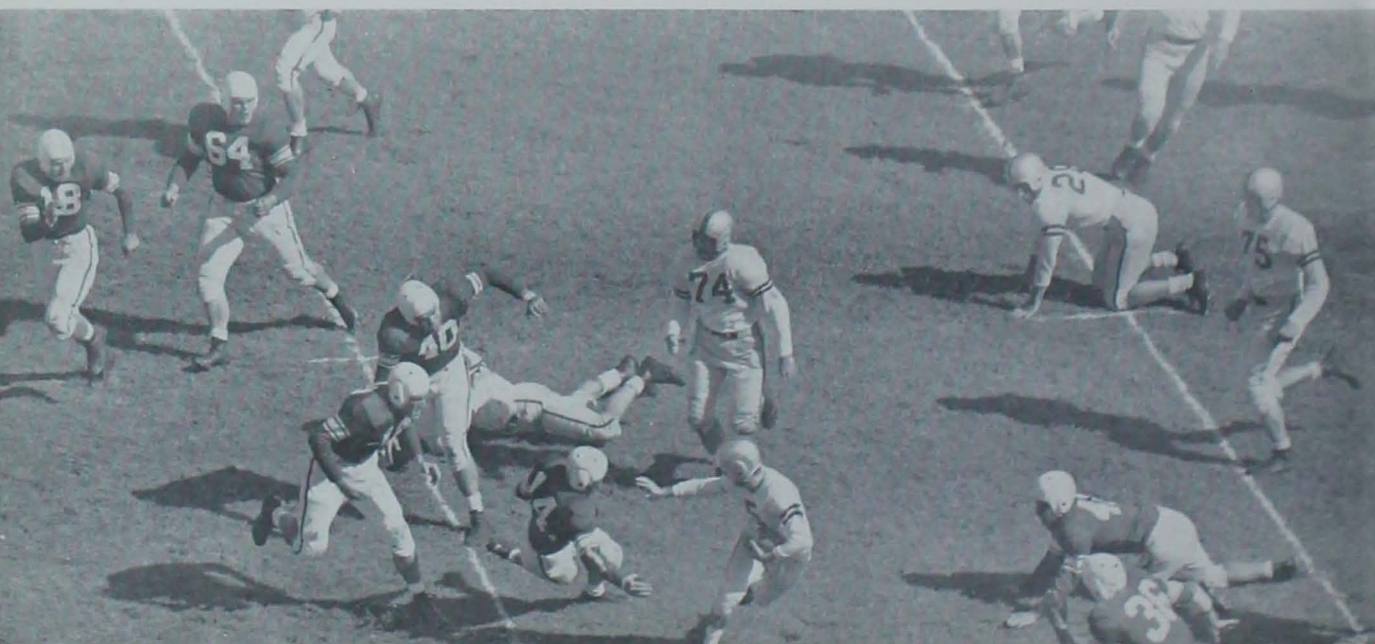
For the second straight year the State gridders pushed Nebraska up and down the field and came out on the long end of all statistics, only to fall short in the final measure, the score. Iowa State grabbed the lead in the first quarter on a safety, but the heavier Huskers scored twice in the second period for a 12-2 halftime bulge.

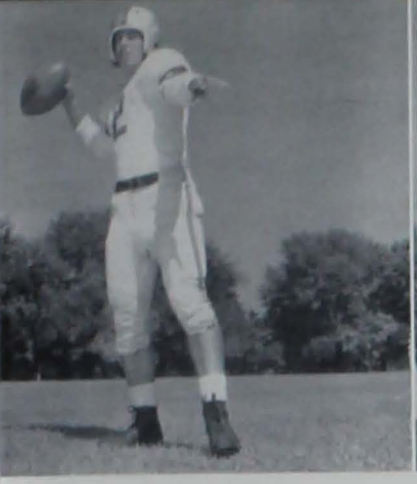
After intermission the underdog Cyclones came back with a rush that nearly caught the bewildered Nebraska team. Time saved the Cornhuskers as ISC moved to their seven yard line as the game ended.

ISC 18, COLORADO 7

A capacity Homecoming crowd saw the Cyclones give favored Colorado a 7–0 lead in the first 10 seconds of play, and then fight back for three touchdowns and an 18–7 upset victory. On the opening kickoff the westerners capitalized on an Iowa State fumble that rolled into the end-zone for their only tally of the day. After that the game was all Iowa State. Long runs featured the Cyclone attack as Halbert went 32 yards for the first score. Chauncey dashed 50 yards for the second marker and Angle's 42 yard sprint set up the final touchdown.

All this Cornhusker tackler got was a good-bye wave from John Griffith.





Quarterback
DON FERGUSON

Halfback
BOB ANGLE

Fullback
DON LAUN

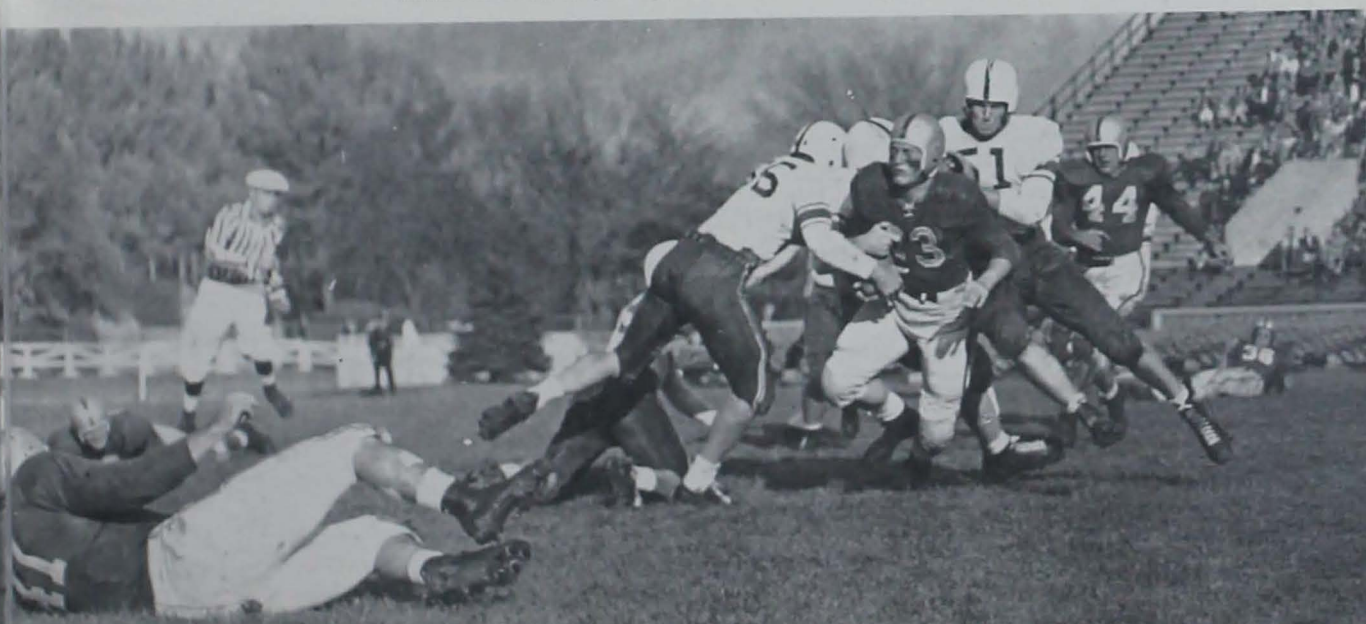
ISC 7, MISSOURI 49

After leading 7–0, by virtue of a 70 yard sustained drive in the first quarter, Iowa State was overwhelmed by the power-laden Tigers in the most one-sided contest in the history of the two school's rivalry. Displaying a hammering ground attack that the battered Iowans couldn't halt, the bowl-bound Missouri team recovered their poise in the second quarter and scored three times before the half. From then on it was all Missouri as the rugged play swelled the list of injuries that had plagued the Cyclones all season.

ISC 6, OKLAHOMA 33

Dazzling speed and a wealth of power proved to be the final margin as Oklahoma's Sooners rolled over the Cyclones in the second half after being stalled throughout the first period. Highlight of the Iowa State play was reserve quarterback Bill Weeks' deadly passes which eluded the Sooner defense for 11 completions in 18 attempts. In the end, the outcome of the game was in the punting. The Cyclones had a poor kicking day, while the fleet Oklahoma backs returned one punt for a touchdown and set up two others as the result of long returns.

Lornie Paulson can tell you why the Sooners went to the Sugar Bowl!



DEAN NORMAN, *End*
TOM GRUNDMAN, *Halfback*

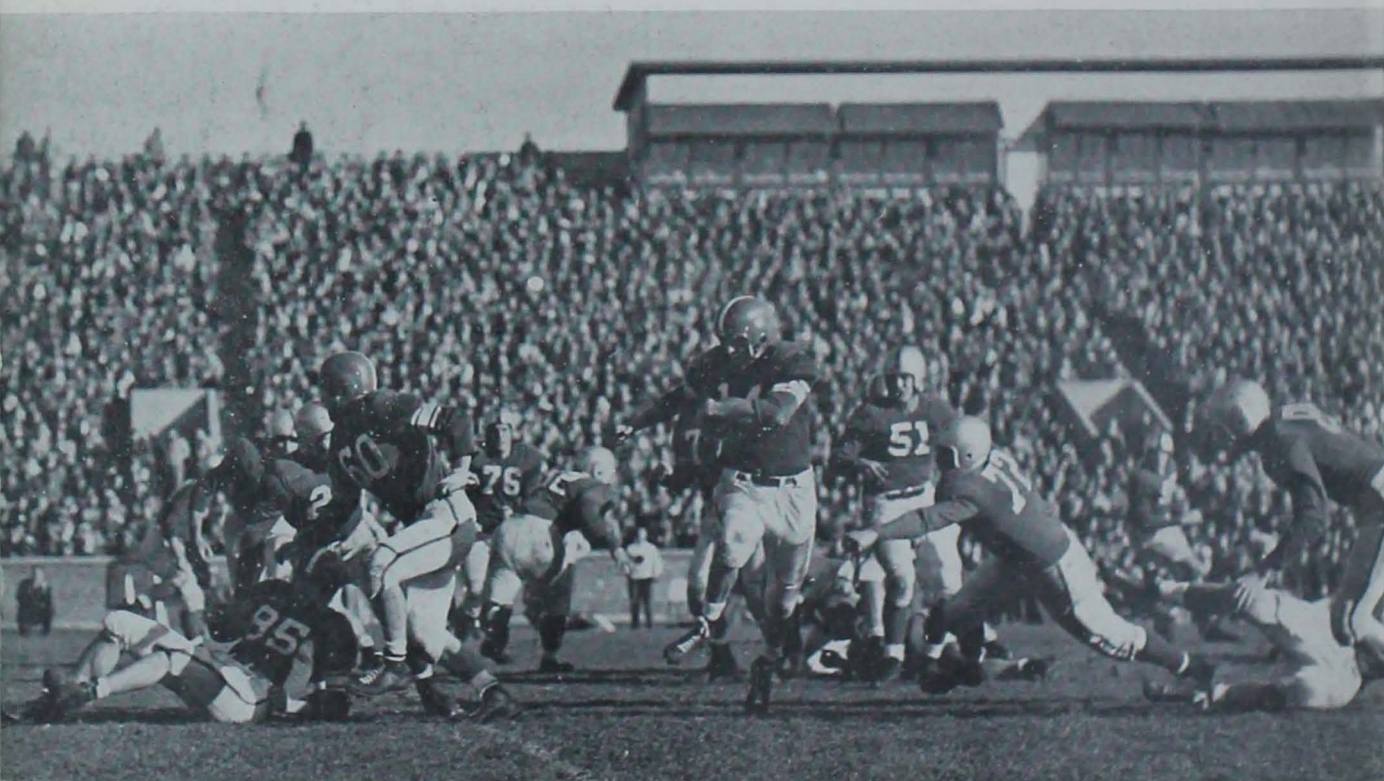
ISC 2, DRAKE 0

A safety in the closing minutes of the game gave the favored Cyclones a slim 2–0 victory over their traditional rival, Drake. After more than three quarters of rough, see-saw football, the Cyclones drove deep into Drake territory only to have a pass intercepted on the goal line. However, the Drake man fumbled the ball into the end-zone a few steps later and another Bulldog recovered to give Iowa State the game.

ISC 7, ARIZONA 14

A last minute fumble within inches of a possible tying touchdown cost the Cyclones their sixth loss of the season. After trailing 14–0 at the half, Iowa State staged a brilliant comeback as they drove to a score late in the third period and set up another in the final minutes before the costly fumble. Ray Klootwyk turned in several jarring tackles on defense while Bob Angle and Bill Chauncey looked good offensively.

Lynn Chadnoy heads for the wide open spaces in unfortunate Michigan State game.



Drake tacklers close in on Webb Halbert.

ISC 7, MICH. STATE 48

In one of the finest displays of speed and deception seen here all season, a great Michigan State team literally blasted a game but outclassed Cyclone eleven, 48–7. The Spartans mixed a tricky ground attack with accurate passing and the result was another step along the road to a berth in the Big Ten.

A recovered fumble on the visitor's 15 yard line gave the Cyclones their best chance of the day and Ray Klootwyk hammered over from the three a few plays later. That was the story as far as the Cyclones were concerned and the Spartan juggernaut rolled on. To add to the Iowa State woes, five men were injured.

Upper: *Moral support from the Cyclone sidelines during a close play.* Lower: *Top secret information comes in from the spotter.*

Tackle
LOU BOSNYAK

Guard
DANA OMER

Halfback
LORNIE PAULSON

Dean Laun gets caught catching a pass during the Kansas game.

FOOTBALL HIGHLIGHTS

"Outscored but never outfought" might well have been the title for the 1948 Iowa State football season. Faced with the toughest schedule in the school's history, Coach Stuber instilled the squad with the fight and spirit that had worked so well in Missouri football circles and fielded a team that showed marked improvement over the gridmen of 1947. Except for a few breaks and more reserve power, the Cyclones might easily have been on the long side of the won and lost record.

The seasons's record told little of the team's play, however, for week after week the game Cyclones could be depended upon to put up an all-out battle throughout the game regardless of the final outcome. Spirit ran high during the season and reached a peak when the rumor of Coach Stuber's leaving Iowa State brought 5,000 students out for a "We Want Abe" rally as the team departed for the Arizona game. The close of the season found the football picture on the up-swing as all indications pointed to the Stuber regime continuing the advances made in the last two years.

Don Paulsen and Therol Petersen cooperate to lay one up against Missouri.

Guard
CHARLES HERBERT

Forward
GAYLORD ANDERSON

Guard
DON FERGUSON

Center
SYLVESTER WILHELMI

Bob Petersen set nine new ISC records and tied another in his last year of play

Front Row: Ferguson, B. Petersen, Coach Dickinson, Head Coach Sutherland, Coach Timm, Foell, J. Sutherland. *Second Row:* Boyce, Anderson, Oulman, Schneider, Paulsen, Ruisch, Wilhelmi, Norman, Herbert. *Top Row:* Mgr. Petersen, Doran, Kester, Voight, T. Petersen, Sheperd, Hogue, McLuen, Smith, Omer.

Forward
DUDLEY RUISCH

Guard
LEO SCHNEIDER

Forward
THEROL PETERSEN

Forward
LLOYD KESTER

WON 8 – LOST 14

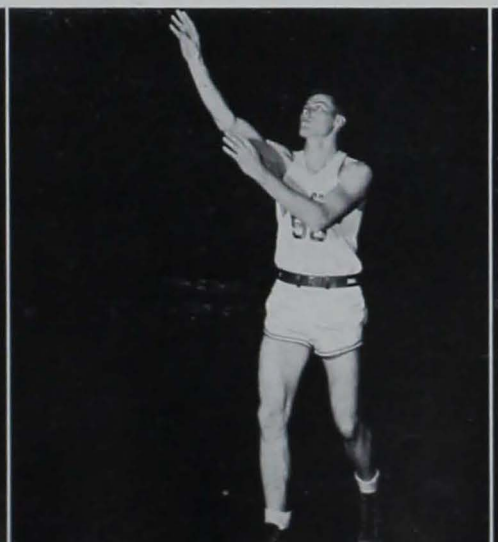
Iowa State	61 – Cornell College	36	
Iowa State	75 – Coe	35	
Iowa State	38 – Drake	53	
Iowa State	51 – Drake	43	
Iowa State	45 – Canisius	58	
Iowa State	47 – St. John's U.	71	
Iowa State	46 – Syracuse U.	67	
Iowa State	56 – *Harvard	54	
Iowa State	45 – *Oklahoma	55	
Iowa State	56 – *Kansas State	52	
Iowa State	42 – Oklahoma	43	
Iowa State	50 – Nebraska	71	
Iowa State	43 – Kansas State	49	
Iowa State	36 – Missouri	39	
Iowa State	40 – Colorado	31	
Iowa State	52 – Oklahoma	55	
Iowa State	57 – Kansas	62	
Iowa State	48 – Colorado	63	
Iowa State	41 – Nebraska	44	
Iowa State	40 – Missouri	34	
Iowa State	39 – Kansas State	54	
Iowa State	49 – Kansas	45	

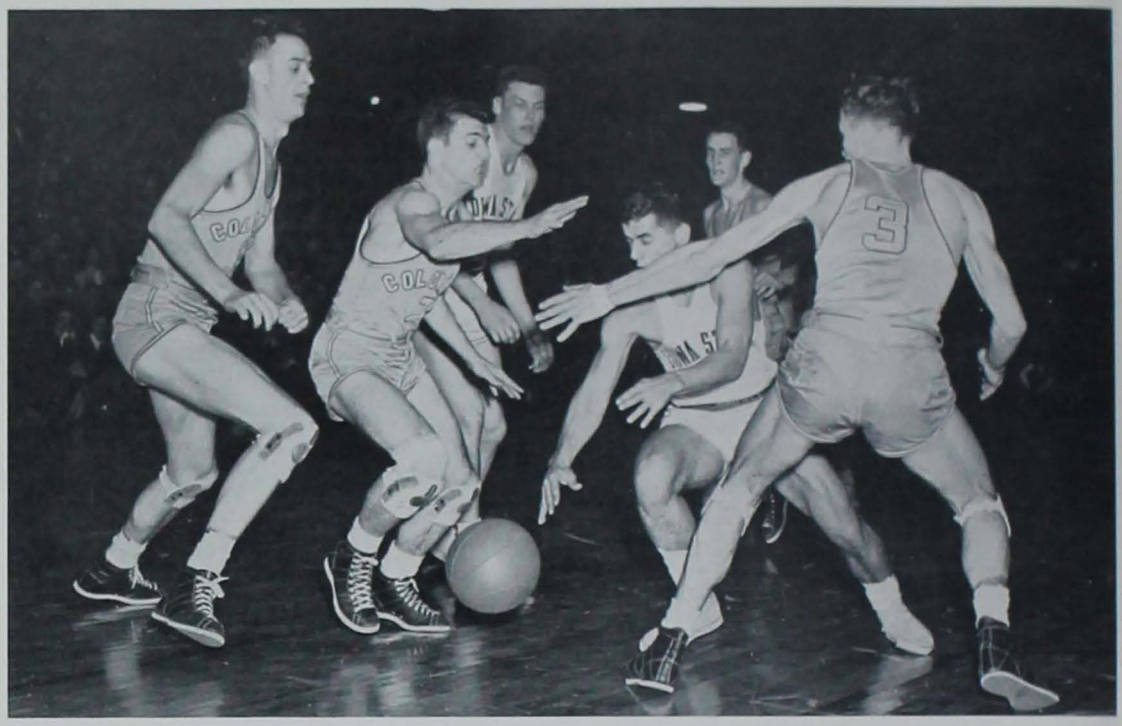
* Big Seven Tournament

Guard
BOB PETERSEN

Center
DON PAULSEN

Guard
JOHN SHEPERD

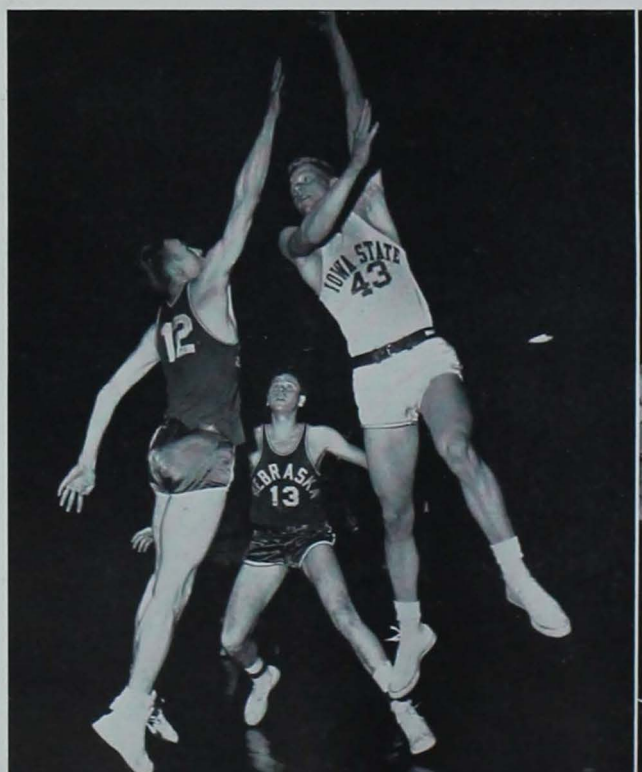




Ferguson and Paulsen are slightly outnumbered as they go for a lonesome ball.

Three game eastern trip during holidays marked beginning of intersectional play

Anderson outjumps Nebraska and turns one loose.



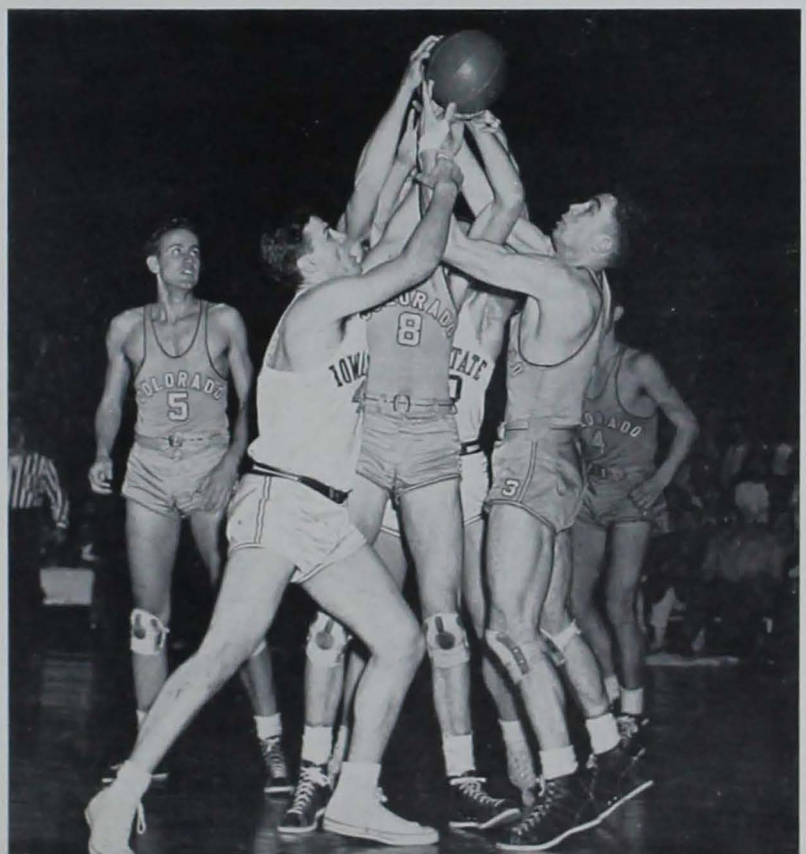
Everyone watches as Fergy comes in fast.

Paulsen goes after a rebound as Ruisch comes up to help in Kansas game.

A hop, skip and jump and Fergy has everyone guessing.

Cyclones finished last in conference but won newly inaugurated sportsmanship cup

Count the arms and divide by two, or who's holding who?



Anderson buffaloes Colorado as Paulsen moves in to help.

Horatio at the bridge. Cyclones swarm in on McGuire of St. John's in Madison Square Garden.

There must be a basketball up there someplace.

Cylones move in as Nebraska men fight for the ball.

New attendance record set at Drake game; 7,500 people watched Cyclones win 51-43

1948-49 BASKETBALL

Chick Sutherland's second year as head basketball mentor saw the Cyclones struggle through one of the poorest seasons in recent years, finishing with an 8 won—14 lost record. In conference play the cagers lived up to pre-season predictions by finishing in a last place tie with Kansas, each having only three victories. During the Christmas vacation the team took a three game jaunt through the East, highlighted by an appearance in Madison Square Garden.

Individual standout of the Cyclone five was diminutive Bob Petersen who set three conference records and six school records and tied another in the wind-up of his career. Towering Don Paulsen also had a share in the record making as he established six Cyclone marks during the 1948-49 season.

Ankles away! Therol Petersen puts the Kibosh on Dombrosky of St. John's in Madison Square Garden.

Upper: *Thomas carries the mail.* Lower: *Bush and Thomas practice grunt and groan technique as team members look on.*

1949 WRESTLING

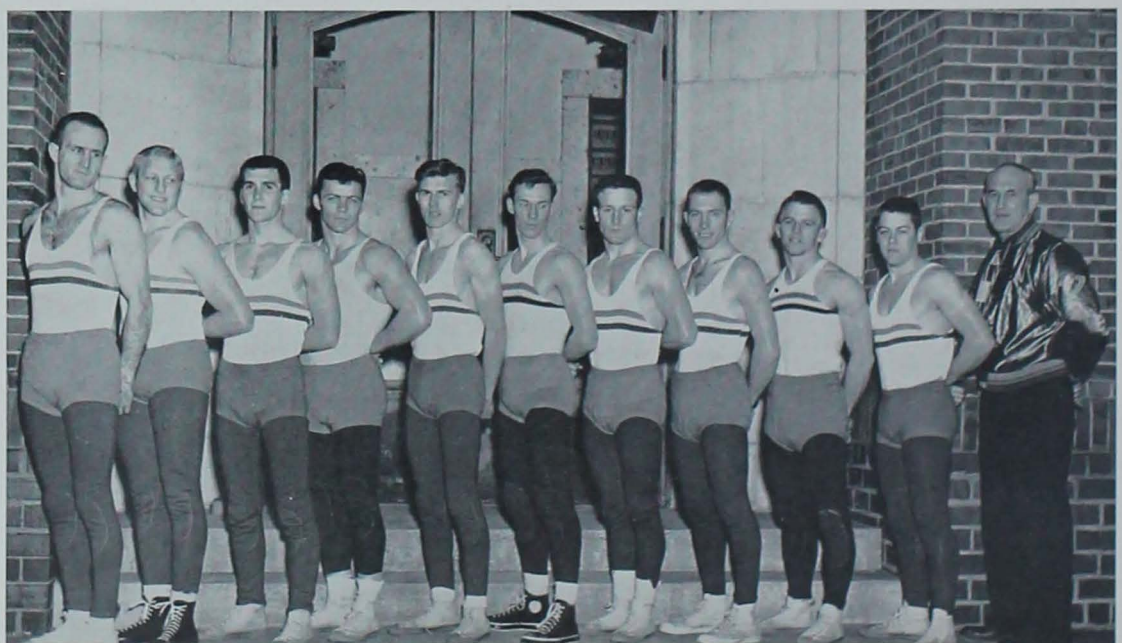
Despite the fact that the Cyclone grapplers were not consistent winners, the fight and skill found in Coach Otopalik's team continued to draw enthusiastic crowds.

Although the Iowa State matmen could notch only two victories during the dual meet season, they managed a tie with conference champion Nebraska and dropped two other matches by a total of six points.

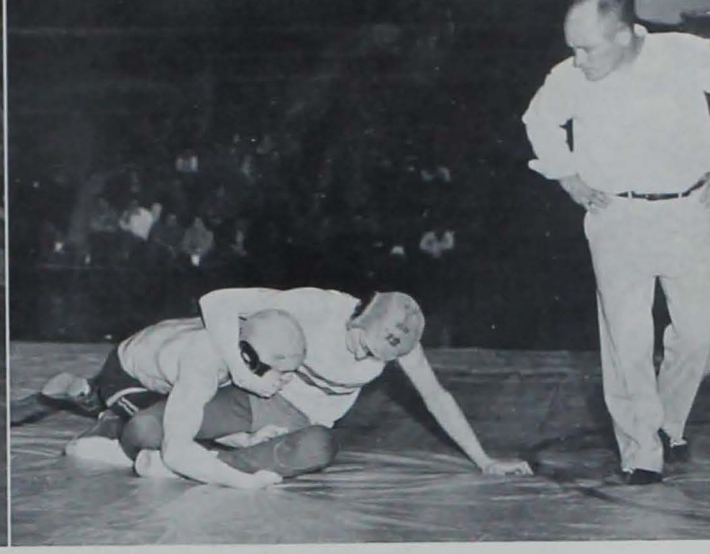
Cyclone chances for a successful 1949 season were somewhat hampered when Olympic champion Glen Brand retired from competition after an early season shoulder injury. The veteran Brand's experience was not entirely lost, however, for he acted as assistant coach for the remainder of the season.

Iowa State's showing in the finale of the season, the Big Seven meet, more than compensated for earlier losses as Pat Bush annexed the 155 lb. championship, Dick Ditsworth won the 145 lb. title and Don Thomas topped the 165 lb. division.

Thomas, Stout, Parsons, Jacobs, McCormick, Maney, Bush, Ditsworth, Kucera, Van Eaton, Coach Otopalik.



Bush is on top but the advantage is uncertain.



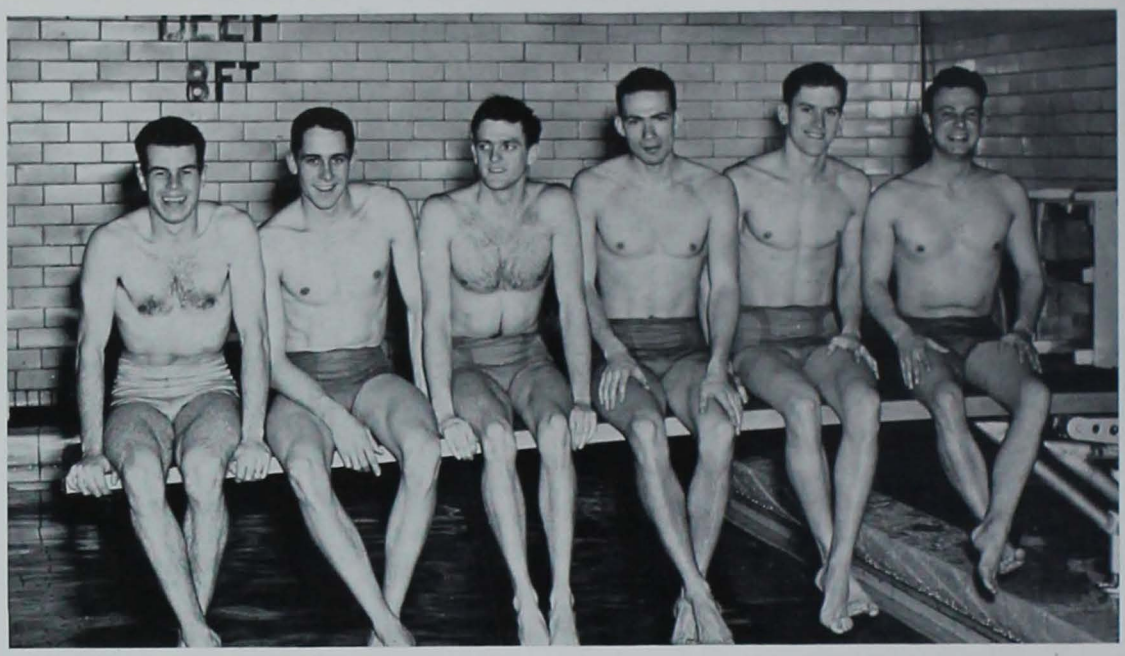
Grapplers put on the pressure in Big Seven meet.

The Big Seven meet saw three individual championships awarded to ISC grapplers

WON 2-LOST 6-TIED 1

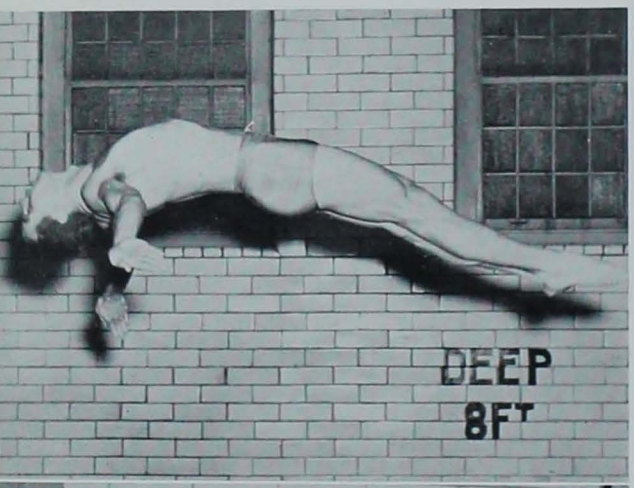
Iowa State	11	Wisconsin	15
Iowa State	14	Minnesota	16
Iowa State	20	Colorado	8
Iowa State	14	Nebraska	14
Iowa State	13	Colorado A&M	21
Iowa State	15	Kansas State	14
Iowa State	5	Iowa State Teachers	26
Iowa State	10	Oklahoma	21
Iowa State	0	Oklahoma A&M	34

Bush and Stout lend a hand to winner Don Thomas in the Big Seven Tourney.



NCAA Meet Representatives—Shiffler, Schmidt, Watts, La Berge, Kullman, Smith.

Upper: *Shiffler makes the hard way look easy.* Lower: *Lots of towels and serious faces characterize Cyclones during meet.*

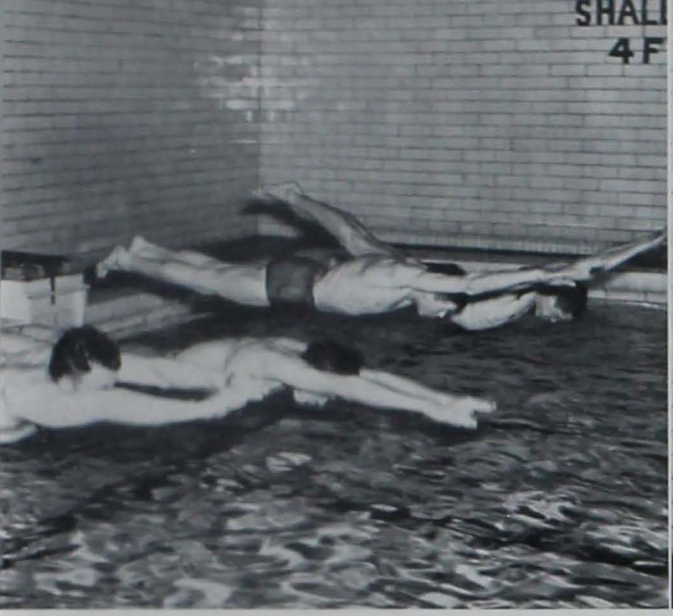


1949 SWIMMING

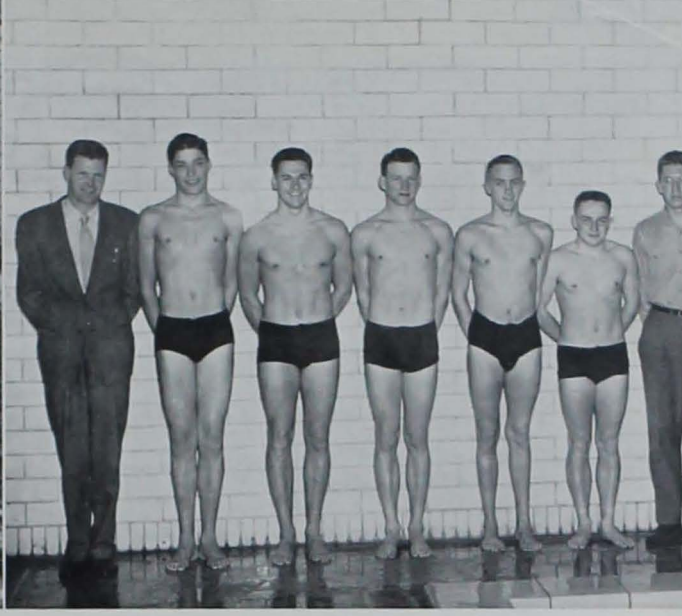
The 1949 edition of the Iowa State swimming team splashed through to one of the best season's in the school's history in winning seven of eight dual meets and setting 44 new records during the season. Only Michigan State's perennial pool stalwarts were able to stop Coach Jack McGuire's rampaging squad.

The conference meet at Nebraska provided the Cyclone's with their eighth straight Big Seven title, as the tankers set new records in six events in addition to piling up a record-breaking total of 88 points in taking the crown.

Individual standout of the meet was Roger Watts who set a new record in each of the three events he appeared in, the 220 and 440 yd., and 1500 meter free style races. Watts led the attack on records throughout the season as he established 25 new marks.



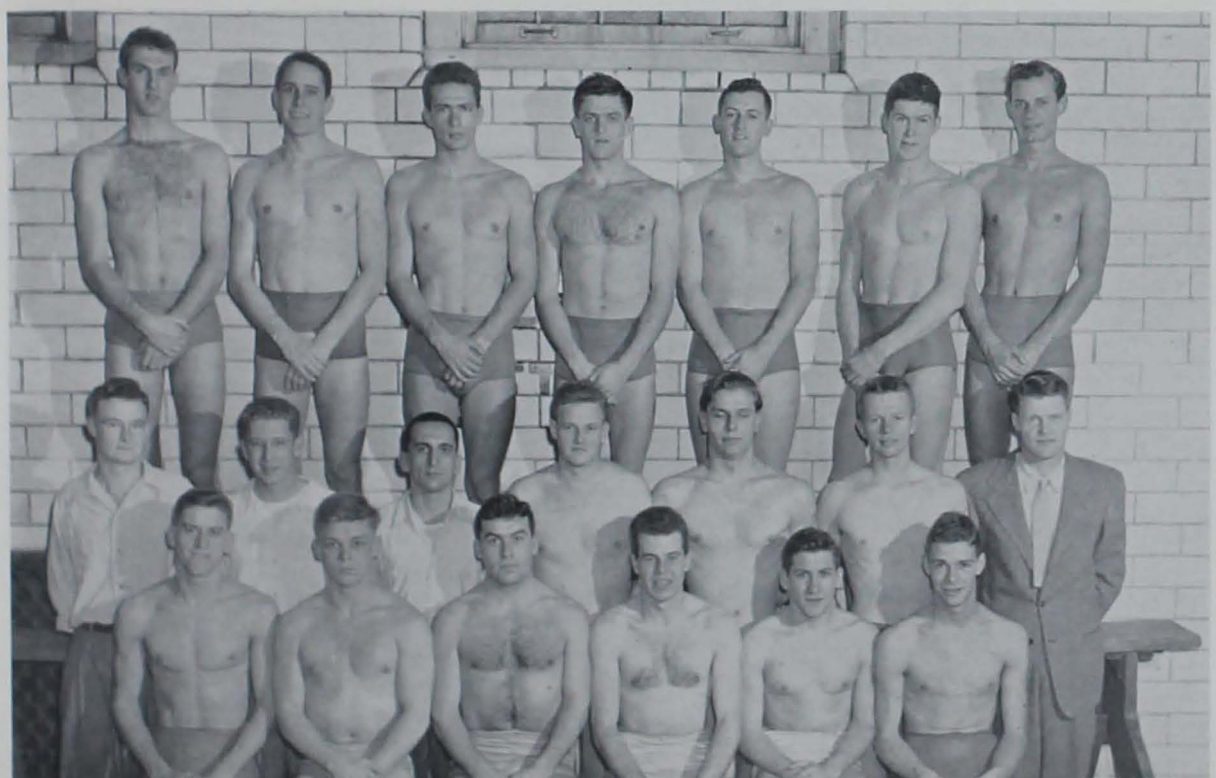
Tankmen fly low at the starting line.

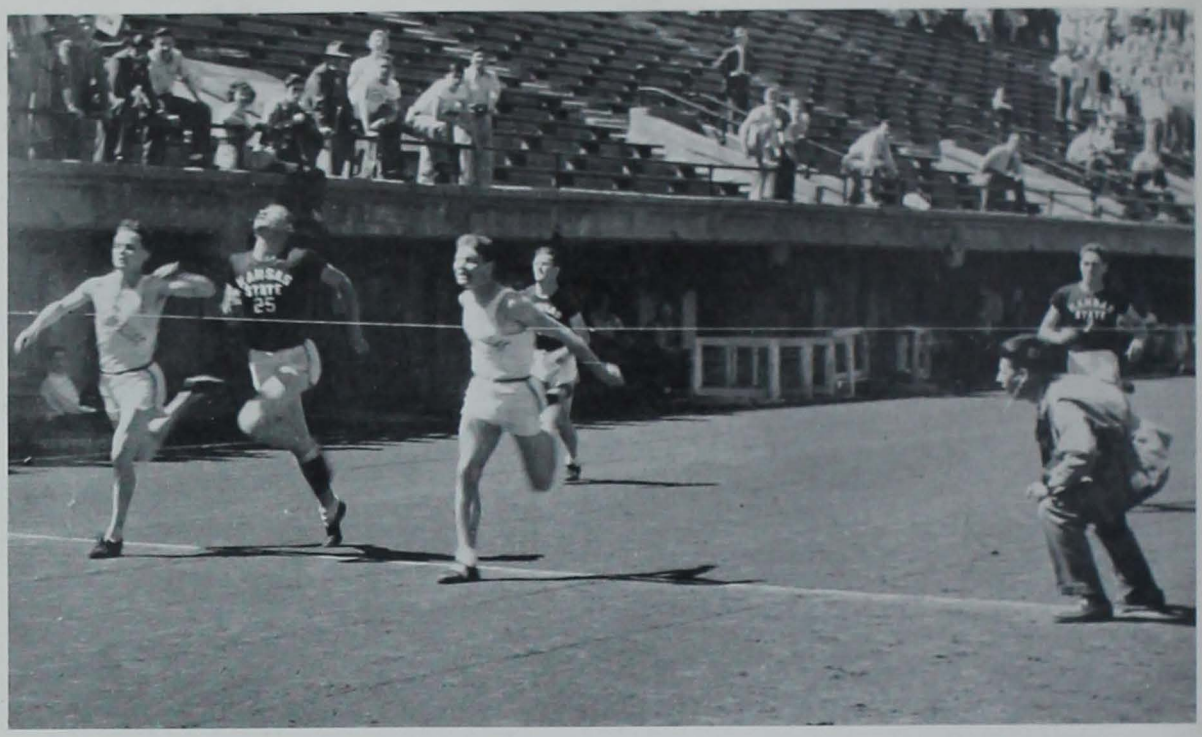


Freshmen Swimmers—Coach McGuire, Lindgren, Brown, Dinham, Doyne, Allison, Mgr. Anderson.

Swimmers took eighth straight loop crown; Roger Watts established 25 new records

Front Row: Kullman, Bonebrake, Winslow, Shiffler, Overmiller, Wyant. *Second Row:* Mgr. Gustafson, Mgr. Anderson, Mgr. Norris, Thompson, Cownie, Jezek, Coach McGuire. *Top Row:* Nielsen, Schmidt, La Berge, Capt. Watts, Howes, Lambert, Johnson.





Give Kansas State an "E" for effort as these Cyclone runners grab first and second in the 100-yard dash.

Mile relay team's showing and Smith's high jumping highlighted mediocre year

Front Row: Bean, Baty, Stephens, Lory, Capt. Magill, Steinbach, Wright, Hoffman, Griffith. *Top Row:* Mgr. Lindahl, Everett, Elk, Barkley, Knight, Verner, Smith, Feeken, Wolf, Nelson, Arlen, Mgr. Yarborough, Coach Bretnall.

Jim Doran heaves the shot for the indoor track squad.

1948-49 TRACK

Cyclone track performance from spring 1948 through winter 1949 left much to be desired as the State cindermen finished last in both the Big Seven outdoor and indoor meets. Drake's thinclads were the only victims during the year as both indoor and outdoor squads registered dual meet decisions over the Bulldogs.

Prospects for the 1949 outdoor season looked much brighter as sprinter Jim Bean returned to the squad after a year's absence, point-getting Capt. Chris Steinbach returned and a promising sophomore from the 1948 freshman team, Gene Shaver, took his place on the varsity squad.

The cross country team of Miller, Shaver, Ericson, Everett and Baty was the most encouraging thing in the Cardinal and Gold track picture, copping two of three meets in the fall and placing third in the conference meet.

Upper: *The next part is easiest.* Lower: *ISC sets the pace for Kansas State in a long one.*

Coach Bretnall checks the time with the mile relay team.

Track future brightened with addition of sophomores Doran and Shaver to varsity

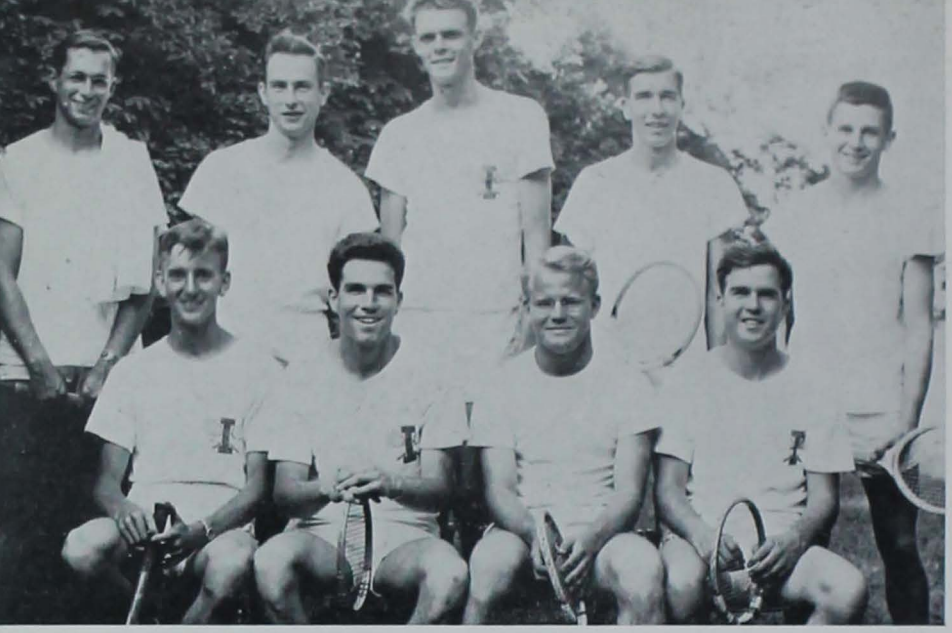
Gene Shaver jogs around the practice track.

Barkley passes to Wright to start another lap.

Cross Country Team—Miller, Shaver, Ericson, Everett, Baty.

Cross country squad copped two of three fall meets to win third in the Big Seven

Chris Steinbach demonstrates his specialty with R. G. Wolf in hot pursuit.



Front Row: Harris, E. Gildermaster, Capt. Johnson, L. Gildermaster. *Top Row:* Zuber, Fincham, Drummond, Bradley, Stratton.

Late season lethargy dropped netsters to fifth spot in loop after a strong start

Captain Johnson in action.

1948 TENNIS

After opening the season with four straight victories Coach Harry Schmidt's netsters fell into a slump that saw them drop the next four matches before again registering a win. The Cyclones failed to snap out of their lethargy in the Big Seven meet and finished in the fifth spot as Kansas grabbed the championship laurels.

In their first two matches the Cardinal and Gold racket men showed indications of power, sweeping the singles and doubles events in racking up 6-0 and 7-0 decisions over Coe and Omaha, respectively. Creighton and Nebraska fell to ISC before Oklahoma drubbed the Cyclones 6-1. Kansas added a 7-0 shellacking, Kansas State eked by 4-3 and Minnesota blasted the Schmidtmen 7-2 before the netsters regained their winning ways in the season's finale against Grinnell.

Thomas, Webb, Firkins, Knorr, Otopalik, Schneider.

Cyclone golfers won five, lost only two, but finished fourth in the conference

Upper: *Bruce Firkins will have a hard time replacing that divot.* Lower: *Don Webb is about to sock this one a mile.*

1948 GOLF

Under the guidance of Coach Hugo Otopalik, the Iowa State golf squad stroked its way to a fine season's record of five victories and two defeats. After winning by an easy margin over nine visiting teams in the Iowa State Invitational Meet to open the season, the Cyclones swept on to successive decisions over Creighton, Oklahoma, Missouri, and Kansas. A loss to Kansas State in the final dual match of the year snapped the victory string at five. This late season slump continued in the Big Seven meet at Lincoln as Iowa State finished fourth behind Oklahoma, Nebraska, and Colorado.

The leading scorers for the Cyclones during the year were Dan Davis, Jack Webb and Don Webb, while Capt. Ken Schneider and Bruce Firkins also saw considerable action.

Upper: *Slide!* Lower: *Marshall Townsend presents "Athlete of the Week" award to outstanding ball-player, Clayton Johnson.*

1948 BASEBALL

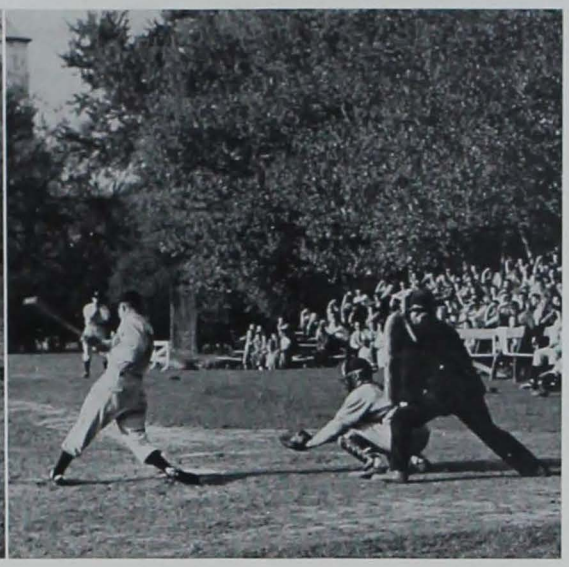
Troubled in their early practices by bad weather, the Cyclones suffered four straight losses before winning their first game of the season from Drake University. From then on things broke a little more evenly and the Cyclones managed to finish fifth in the Big Seven with five wins and eight losses.

Highlight of the season was the pitching of Jim Hogue who fashioned a record of four victories against a lone defeat. One of those wins was at the expense of conference champion Nebraska as the tall righthander hurled a masterful two-hit performance. The last game of the season was a heartbreaking defeat at the hands of the Cornhuskers in a game that went eleven innings.

Leading hitters for the year were Captain Jack Buehner and Don Paulsen as most of the Cyclones found base knocks hard to get. The infield of Paulsen, Clayton Johnson, Vic Miller and Jack Buehner was one of the best combinations seen here in years.

Front Row: Coach Sutherland, Moore, Johnson, V. Miller, Ford, Buehner, Jaeger, Anderson, Lary, Mairs, Wells. *Top Row:* Coach Dappen, J. Miller, Froehle, T. Peterson, McLuen, Knox, Paulsen, Hogue, Friedl, Kornbaum, B. Peterson, J. Sutherland, Coach Timm.

Action at third on the Cyclone diamond.



A low fast one comes in for a strike.

Jim Hogue's pitching and an outstanding infield highlighted dreary baseball year

WON 7-LOST 12

Iowa State	2 – Simpson	7
Iowa State	9 – Simpson	10
Iowa State	2 – ISTC	7
Iowa State	2 – ISTC	4
Iowa State	5 – Drake	2
Iowa State	0 – Kansas State	13
Iowa State	5 – Kansas State	8
Iowa State	8 – Nebraska	1
Iowa State	6 – Missouri	22
Iowa State	0 – Missouri	4
Iowa State	12 – Oklahoma	3
Iowa State	8 – Oklahoma	9
Iowa State	3 – Colorado	2
Iowa State	4 – Colorado	2
Iowa State	9 – Kansas	7
Iowa State	0 – Kansas	2
Iowa State	10 – Drake	8
Iowa State	2 – Nebraska	6
Iowa State	5 – Nebraska	6

Clay Johnson at the plate.

Sweat Sox Society entertains candidates for Varsity "I" Queen.

VARSITY "I" CLUB

Led by President Leo Schneider, the Varsity "I" Club engaged in various activities during the year. Among the most important of these were the "I" Carnival and the sale of programs at the football games. Last spring the club held its "Athletic Bust" for the first time since the war. The festivities included the initiation of all the coaches and members of the athletic staff as honorary members of the club and the presentation of "I" blankets to graduating seniors.

"I" Club sponsored the "I" Carnival and gave athletic staff honorary memberships

Front Row: Stevenson, Smith, Angle, Winslow, Ferguson, Baty. *Second Row:* Webb, Grundman, Myers, Schoel, Brand. *Third Row:* Wright, Howes, Seibold, Klootwyk, Johnson, Wolf. *Fourth Row:* Chauncey, T. Petersen, McLuen, Rust, Foy. *Top Row:* Paulsen, Anderson, Barkley, Southard, Verner, Smith.

Front Row: F. Schneider, Knop, L. Schneider, Firkins, R. Petersen, Laun. *Second Row:* Jaeger, Willer, Everett, Magill, Davis. *Third Row:* Winfrey, Miller, Bredahl, Kucera, Whalen, Bosnyak. *Fourth Row:* Shiffler, Thompson, Steinbach, Clagett, Kester. *Top Row:* Beckerle, Oulman, Hogue, Sheperd, Drummond, Robison.

MEN'S INTRAMURAL CHAMPIONS

SPRING VOLLEYBALL

Fraternity Class A
Phi Kappa Psi

Fraternity Class B
Sigma Alpha Epsilon

Ward
Theta

Dormitory
Friley 8

SOFTBALL

Fraternity Class A
Phi Kappa

Fraternity Class B
Theta Chi

Fraternity Class C
Delta Upsilon

Fraternity Class D
Delta Chi

Dormitory Class A
Whiz Kids

Dormitory Class B
Friley N-2

Dormitory Class C
Friley N-3

GOLF

Fraternity
Phi Delta Theta

TENNIS

Fraternity
Phi Delta Theta

TRACK

Fraternity
Sigma Alpha Epsilon

Ward
Iota

SPORTS TRIAD

Table Tennis
Kappa Sigma

Golf Putting
Phi Gamma Delta

Horseshoes
Delta Sigma Phi

HANDBALL

Fraternity
Phi Delta Theta

TOUCH FOOTBALL

Fraternity Class A
Sigma Chi

Fraternity Class B
Sigma Alpha Epsilon 2

Fraternity Class C
Sigma Alpha Epsilon 1

Fraternity Class D
Delta Sigma Phi 2

Ward Class A
Mu

Ward Class B
Eta

Ward Class C
Xi

Ward Class D
Beta

Dormitory Class A
Kimball

Dormitory Class B
Hughes 1

Dormitory Class C
Godfrey

Dormitory Class D
Franklin

Pammel Class A
Pammel Champs

Pammel Class B
Westwood Eggers

Pammel Class C
Pammel Dead Enders

Pammel Class D
West Court

DUAL SWIMMING

Fraternity
Tau Kappa Epsilon

Ward
Lambda
Xi

INDOOR TRACK

Fraternity
Sigma Alpha Epsilon

Ward
Xi

Dormitory
Fairchild

HORSESHOES

Fraternity
Sigma Alpha Epsilon

FALL VOLLEYBALL

Fraternity Class A
Sigma Alpha Epsilon

Fraternity Class B
Delta Tau Delta

Fraternity Class C
Theta Xi

Fraternity Class D
Kappa Sigma

Ward Class A
Delta

Ward Class B
Iota

Ward Class C
Mu

Ward Class D
Xi

Dormitory
Noble

BOWLING

Fraternity Class A
Delta Sigma Phi

Fraternity Class B
Delta Upsilon

Fraternity Class C
Beta Theta Pi

Ward Class A
Iota

Ward Class B
Kappa

Ward Class C
Zeta

TABLE TENNIS

Fraternity Class A
Phi Kappa Psi

Fraternity Class B
Sigma Alpha Epsilon

Fraternity Class C
Delta Tau Delta

Fraternity Class D
Delta Sigma Phi

Ward
Delta

BASKETBALL

Fraternity Class A
Sigma Alpha Epsilon

Fraternity Class B
Sigma Phi Epsilon

Fraternity Class C
Phi Kappa

Fraternity Class D
Theta Delta Chi

Ward Class A
Iota

Ward Class B
Delta 1

Ward Class C
Delta 2

Ward Class D
Alpha

Dormitory Class A
Fairchild 5

Dormitory Class B
Godfrey 2

Dormitory Class C
West Stadium

Dormitory Class D
Alumni Hall

Pammel Class A
West Court Champs

Pammel Class B
Pammel 1

Pammel Class C
Pammel Champs

Pammel Class D
Pammel Pops

WRESTLING

Fraternity
Phi Kappa Psi

Ward
Kappa

Dormitory
Alumni Hall

FREE THROW

Ward
Epsilon

SWIMMING

Fraternity
Beta Theta Pi

Ward
Iota

Dormitory
Harriman

Sigma Chi touchball squad poses after annexing intramural championship.

Sigma Chi, Mu Ward, Kimball and Pammel Champs topped touch football divisions

Rule 72: Men will not leave their feet while blocking . . . .

Phi Gamma Delta, golf putting champs, Kubec, Brewick, Geneva.

INTRAMURALS PROGRAM

Intramural athletics flourished at Iowa State during the past year as more than three out of every four men on campus participated in at least one of the many sports offered. These men found fun and relaxation in an occasional break from the hard grind of studying. The sports program was promoted on a competitive, as well as recreational, basis and trophies were awarded to the divisional winners.

The tournaments were arranged according to residences with sometimes as many as five teams representing one organization. The four residence divisions were the fraternities, the wards, the men's dormitories and the veterans' housing areas. In most cases round-robin preliminaries were held to determine each team's classification in the final elimination brackets. Directing the entire program was Harry Schmidt.

Upper: *A Phi Psi lays one up in intramural play.*
Lower: *It's a bird, it's a plane, it's a basketball.*

Powerful Fairchild took the all-college basketball championship from SAE, 38-16

SAE basketball team came out on top in fraternity class A competition.

Facial expression helps as Delt volleyball team sets one up.

Over 5,000 men competed in one or more of the many intramural sports offered at ISC

Phi Psi wrestlers brought home the intramural championship.

Volleyball trophy went to the SAE's.

It's Sherman by a nose in intramural track.

Upper: *The intramural track and field day.* Lower: *Phi Psi ping pong champs, Slater, Smith, Kornbaum, Magoun.*

During the year the winners of the four divisional tournaments competed in the major sports for the respective all-college championships.

In mid-November the football title was won by Sigma Chi in a 7-0 victory over the Pammel Champs. Near the end of winter quarter Fairchild 5 thorougly trounced a strong Sigma Alpha Epsilon team by a score of 38-16 to clinch the all-college basketball championship. In other sports competition was limited to the various divisions. Fall volleyball champions included Sigma Alpha Epsilon, Delta Ward, and Noble House.

Last spring's softball winners were Phi Kappa and the Friley Whiz Kids. The various other sports that rounded out the program included swimming, table tennis, track, golf, tennis, and wrestling.

Phi Kappa's softball team—fraternity champs.

Friley Whiz Kids took dormitory softball crown; Phi Kappa was fraternity champion

He's out a mile.

The wind-up and the pitch. Strike two!

Sale of Homecoming mums and Christmas Seals claimed the time of "I" Fraternity

WOMEN'S "I" FRATERNITY

The highest award a woman may receive for participation in athletic activities is membership in Women's "I" Fraternity. Qualifications for membership are the winning of an "I" in WAA clubs, a high grade point and outstanding work in other campus activities. This year Gene Carr served as president, Dorothy Roeh as vice-president and Lura Mae Whitfield as secretary-treasurer. Dr. Germaine Guiot, head of physical education for women, was their faculty advisor. "I" Fraternity was co-sponsor of the Homecoming mum sale with the Horticulture Club.

New initiates rest after a week of probation.

Front Row: Whitfield, Roeh, Carr. *Top Row:* Pavlik, Otopalik, Maddock.

Front Row: Densmore, Reed, Laun, Hanzelin, Chesling. *Second Row:* Carr, McKee, Maddock, Dr. Guiot. *Top Row:* Whitfield, Pease, Roeh, Fulton, Miller.

WAA

The nine different clubs which form the Women's Athletic Association offer any woman on campus the opportunity to participate in group and individual sports, learn how to officiate at tournaments and study camp counseling work. The presidents of these clubs and the council officers compose WAA Council which is the governing body of the organization.

Besides co-ordinating the clubs they sponsor "Play Days" in the gym and award the intramural plaques and trophies at "Play Days" and the spring picnic. This year Helen Maddock presided over the council with Lura Mae Whitfield assisting as vice-president, Pat McKee as secretary and Virginia Day as treasurer. Dr. Germaine Guiot acted as their faculty advisor.

Upper: *A popular sport at ISC.*
Lower: *Naiads line up at practice.*

Archery enhusiasts had a field day at the spring tournament.

Fast volleyball games kept Officials Club busy.

Dance club members appeared in "A Hair Perhaps"; Naiads prepared annual show

A time and motion study.

Does anybody bowl at these meetings?

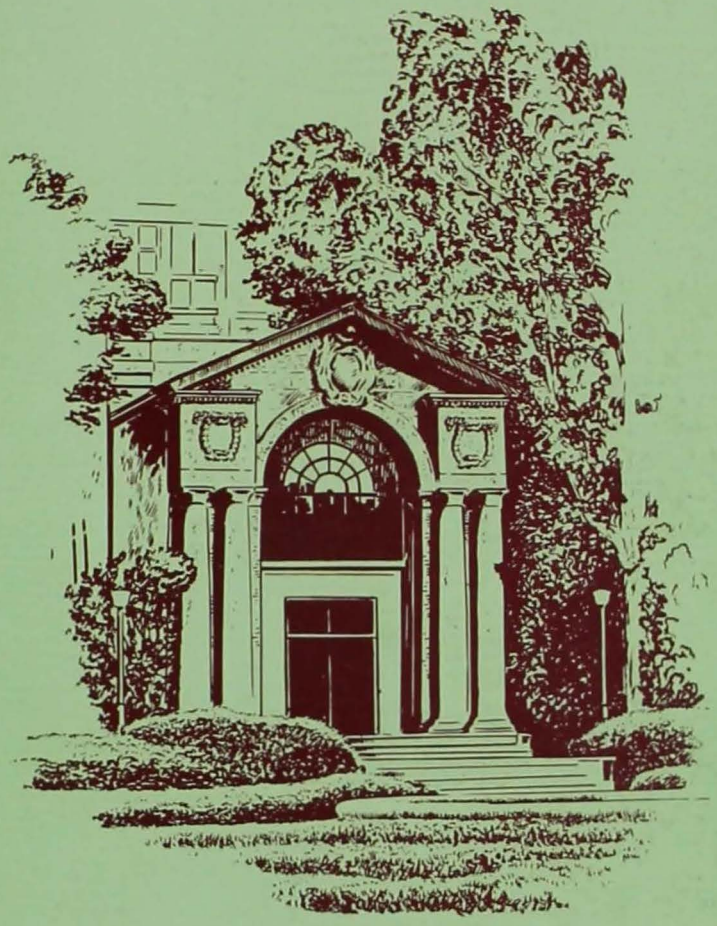
Upper: *Iowa State co-eds "carry the big stick."* Lower: *Women shape up at intramural basketball.*

WOMEN'S INTRAMURALS

Striving to include as many women as possible, Women's Intramurals Board under the leadership of Marian Chesling sponsored tournaments in bowling, swimming, softball, volleyball, table tennis, basketball and badminton with a total of over 1,000 participants. Intramurals Board is composed of one representative from each organized house and dorm, a town girl representative and Miss McConchie who acts as their faculty advisor.

Skill points are awarded to the organizations winning the first four places in every tournament and an equal number of points are also given to the four groups having the highest percentage of their members participating. At the annual spring picnic a trophy is presented to the organization having the greatest number of combined skill and participation points for the year.

Front Row: Hopkins, Pease, Peterman, McLaren, Hanpeter, Daufeldt. *Second Row:* Elliott, Augustine, Heidler, Cole, Chesling, Pecaut, Schakel. *Top Row:* Hoogeveen, Stirniman, Roeh, Miss McConchie, Fulton, Baughman, Robbins.



Book 3

ORGANIZATIONS

Collegiate organizations and the activities they make possible present another aspect of college life. No one can question the value of practical experience in social cooperation that they demand. Campus publications serve as workshops for the

application of classroom education and as sources of information for the student body; honoraries are a reward and distinction for scholastic merit; church societies present an opportunity to those with a harmony of religious feeling for fellowship and worship at a degree otherwise unattainable; and the band, orchestra, choruses and theatrical groups afford a medium for expression and development of student talent. Campus organizations help complete the well-rounded education.

Upper: *Len Ranch points out a few facts to the Union Board.* Lower: *Union Board tries Union food before discussing problems of the day.*

STUDENT UNION BOARD

It is the responsibility of the Student Union Board to direct the activities of the Union and to approve all functions that are held within the building. Its ten members are elected by the student body and are representatives of each of the college divisions. The booking agent, social director and editor of the *Daily* are ex-officio members.

Last year, for the first time, the board sponsored square dances in the Union. Its many other functions included the Union Night Club, Campus Varieties and an all-college bridge tournament. Winners in this contest were entered in the Big Six Bridge Tournament. In addition to sponsoring its own functions, the board also had to approve all dances held in the Union.

Front Row: Erickson, Trochuck, Spangler, Stratton. *Second Row:* McKee, Caine, Edwards. *Top Row:* Crom, Dirks, Bice, Hansen.

Miss Standard Product of 1949 modestly accepts the plaudits of the crowd.

Front Row: Eickelberg, Conzemius, Perry, Stephenson, Baxter, Ross, Kadera. *Second Row:* Drohrer, Persinger, Krewatch, Sojka, Nelson, Sowers, C. Stewart, Collins. *Third Row:* White, Benson, Meyer, Northey, Steigerwalt, Place. Sickles. *Fourth Row:* Reigle, Worth, Rohwer, McKinley, Twinam, Hoffman, Neville, Hinrichsen. *Fifth Row:* Henriksen, Murphy, Kastner, Beneke, Koeper, Frederick, M. Stewart. *Top Row:* Wikner, Crom, Osmolovitch, Fulk, Skerritt, Korslund, Habben, Hotchkiss.

CAMPUS 4-H

Former 4-H Club members extend their interests and acquaintances at ISC by joining the Campus 4-H. Each quarter they sponsor at least one social or educational event. Last fall the club held a "Fall Frolic" and winter quarter the big event was "The Squaw Creek County Fair," featuring square dancing and a novelty show. In the spring they held a picnic.

The club also helps at the state 4-H conventions by conducting tours and participating in the style show. They also lend a helping hand to the Iowa Rural Youth Conference.

Last year was the first year the club included both men and women, the combination being formed last spring. It now boasts 250 members.

Deane Rinner acted as president last year, Robert Bellman was vice-president, Marilyn Pitman served as secretary and Doris Jury was treasurer. The advisors were Julia Faltinson and George Boehnke of the state 4-H staff.

Front Row: Ismert, Bellman, Pittman, Rinner, Jury, Getting, Nissly. *Second Row:* Stocks, Quaas, Kneen, Collins, Fitsimmons, Book, Fey. *Third Row:* Sands, Tinius, DeWolf, Olson, Mathre, Neven. *Fourth Row:* Moellering, Wahlert, Augustine, Bartz, Koch, Gillette, Ginger. *Fifth Row:* Egli, Blomquist, Easton, Watkins, Strausbaugh, Ritter, Fox, Huser. *Top Row:* Bovee, Swanson, Greiman, Bredensteiner, Kassel, Barrington, Bliss.

Six weeks of rigid training and you too can enjoy this sort of thing.

Upper: *Logs for the cold winter months are sawed on the annual Woodcutter's Day.* Lower: *The Freshman "Y" Council holds their weekly conference.*

YMCA

The Iowa State YMCA provided an organized group to meet the social, recreational and educational needs of men on campus.

During the school year the YMCA sponsored such events as the Foreign Student's Reception and Woodcutters' Day, both at Lynn Fuhrer Lodge. In addition frequent firesides were held at the Lodge for the members. Cooperating with the YWCA, the group sponsored the "Y" Mixer at the beginning of fall quarter.

The student cabinet, composed of the officers and thirteen committee heads, met once every two weeks. It was through their efforts that the purposes of the YMCA were served and furthered.

Officers were Robert Walters, president; Max Smith, vice-president; Bruce Holl, secretary; and David Tuttle, finance director.

Front Row: Maifeld, Tuttle, Walters, Holl, McKean. *Second Row:* Endo, Buck, Storm, Kline. *Third Row:* Brown, Bancroft, Drewry, Eig, Coons. *Top Row:* Fleming, Waite, Marshall, Fisch, McKee, Hopper.

TAU GAMMA

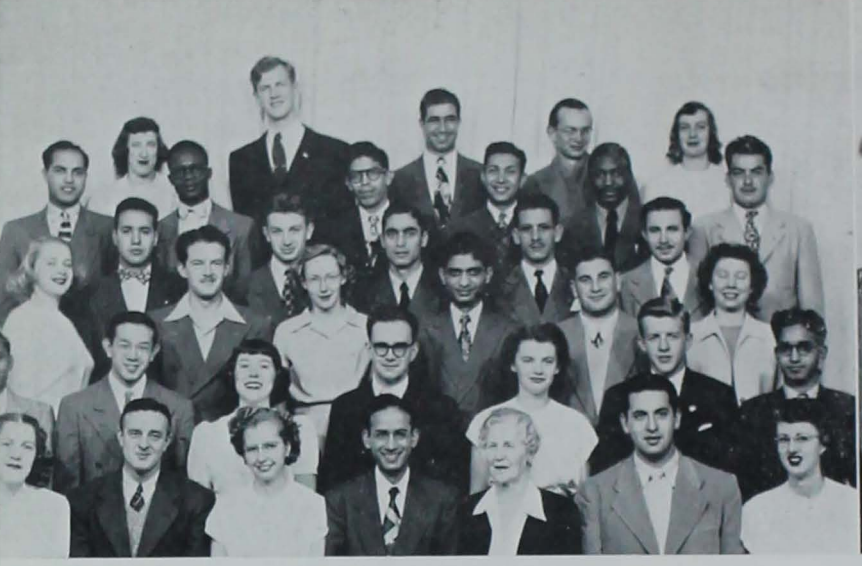
The Tau Gamma Club was organized to provide a place in campus activities for women who live in Ames or nearby towns and are not affiliated with dormitories or sororities.

The women met in the Union or in their own homes for pot luck suppers and on Friday nights they participated in exchanges. The group was also very active in intramurals, placing high in table tennis and badminton.

Among the activities its members engaged in were Twisters, where they were represented by Betty Byrnes and Shirley Sparling. Shirley Sparling also served as Tau Gamma president during the past year. The other officers were Phyllis Jackman, social chairman; Ellen Hoover, secretary; and Rita Stock, treasurer. The faculty advisor was Mrs. Helen Marling.

Upper: *Tau Gamma's talk things over.* Lower: *Dinner meeting of the town girls club.*

Front Row: Stock, Gallagher, Sparling, Daufeldt, Hoover. *Second Row:* Reinholz, Kuehl, Arrasmith, Johnson, Schultz, Morrison. *Top Row:* Byrnes, Jackman, Markt, Thompson, Robertson.



COSMOPOLITAN CLUB—*Front Row:* Constance, Bruner, Farrington, Dudani, Xeryford, J. Gallegos, Herndon. *Second Row:* Venkateswarr, Endo, Young, de Saint- Quentin, Taylor, Haynes, Ali. *Third Row:* Leveson, Rivas Alcala, Scott, Patel, Muderris, O'Day. *Fourth Row:* Salinas, Hurwicz, Al-Ali, Patino, Solis. *Fifth Row:* Hanna, Meniru, Bernardo, Ibrahim, Maja, Rivera. *Top Row:* Hermann, Lochen, Nashif, Ness, King.

Foreign students display native dress at Cosmopolitan Club meeting.

COSMOPOLITAN CLUB

Cosmopolitan Club was formed in order to foster international spirit between foreign students and those from the United States.

Every Friday evening at their informal meetings the 76 members met to exchange ideas and become better acquainted.

This past year the club was led by Frances Farrington, president; Ben Gallegos, vice-president; Frances Constance, secretary; and Arjun Dudani, treasurer.

SOCIAL COUNCIL

The important job of coordinating the various social activities on campus falls upon the Social Council. Last fall the council sponsored the House Mother's Tea, Courtesy Week and Drop In Exchanges.

All residences and wards have representatives on the council and it has final voice in all recommendations pertaining to social activities.

The president last year was Robert Kelly and secretary was June Williams.

SOCIAL COUNCIL—*Front Row:* Webster, Narigon, Snyder, Barnes, Hoppenrath, Ross, Nielsen, Nelson, Hopper, Bonthuis, Robinson. *Second Row:* Fahden, Lovett, Ostrand, Werner, Kuschmann, Rafn, Rhodes, Searl, Endres, Weber, Diehl. *Third Row:* Dudley, Spetman, Williamson, Schmielau, Morningstar, Bartlett, Bleam, Robinson, Johnson, Winterbottom, McCallister. *Fourth Row:* Brockelman, Hertzberg, Funcke, Haskell, Beckett, Brahms, Durham, Jefferson, Liljedahl, Dingle, Ray. *Fifth Row:* Huedepohl, Cummings, Lannan, Richardson, Clement, Curry, Schilling, Hotchkiss, Boltz, Lindsay. *Top Row:* Ludemann, Boike, Peterson, Harlan, Love, Buzby, Haugan, Maynard, Reese, Ashley, Button.

WINTER SPORTS CLUB—*Front Row:* Ludemann, Frank, Aita, Klindworth, Hobson, Swedberg, Morterud. *Second Row:* Reigle, Hilliard, Bisson, Huston, Pleak, Reil, Dornbrook. *Third Row:* Erickson, Ahlgren, Williams, Eckel, Scott, Holzknecht, Lovgren, Mc Dermott. *Fourth Row:* Schoeffler, Stuker, Sieverding, Wentzien, Rostat, Rasmussen, Jacobson. *Fifth Row:* Engelhardt, Huspen, Hissem, Hess, Neuman, Barber, Flynn, Pifko. *Top Row:* Bittinger, Cunningham, DeMarle, Rech, Satre, Sumner, LeBuhn.

Winter Sports Club gets set for a run at the poor man's Sun Valley, the ISC golf course.

WINTER SPORTS CLUB

In order to promote interest and participation in winter sports and enlarge and improve the existing facilities at ISC, Winter Sports Club sponsored the Winter Sports Carnival, toboggan parties and offered instruction in skiing.

The 150 members, meeting every other Wednesday, were ably led by President Lawrence Schoeffler. Robert Sajbel acted as vice-president; Betty Hobson as secretary and Joyce Aita as treasurer.

RED CROSS

The ISC Red Cross works in conjunction with the county organization to bring the Red Cross to college students.

Each spring the group helps with the water safety program and they carry on an accident prevention campaign each fall.

The annual Red Cross Drive was held last March and the contributions came to over 1,300 dollars. The president last year was Mildred Bretnall and Esther Morledge served as vice-president.

I want to drown if these are the life guards.

RED CROSS—*Front Row:* Roos, Bretnall, Hamlin, Marriott. *Second Row:* Koch, Smith, Kilty. *Top Row:* March, Morledge, Reeves, Wilson.

Escape artist makes good at Social Bureau's Gridiron Gambol

Social Bureau sponsored trips to Radio Theater for dramatic enlightenment.

SOCIAL BUREAU

The Social Bureau works to initiate new ideas for social functions and seeks ways to interest more students in the various activities on campus.

Last year the group sponsored the Gridiron Gambol and worked with the Cosmopolitan Club in presenting International Night.

A major accomplishment was the provision of tickets and transportation to students who wished to see various plays and musicals performed at KRNT Radio Theatre.

John Harvey headed the bureau last year as president and Joe Lyon served as vice-president.

Front Row: Nolting, Myer, Dwine, Morningstar, Armann. *Second Row:* Blichman, Walrath, Larsen, Carr, Honseal, Caine. *Top Row:* Bear, Lyon, Gilbert, Whealen, Ross, Ludemann.

You name it, we got it.

Member ex officio, the devil you say.

STUDENT PROPERTIES BOARD

Student Properties Board is a non-profit organization incorporated under the state laws of Iowa. It acquires, maintains and rents lighting equipment, backdrops and other hard to get equipment to various social and business organizations on the Iowa State campus.

During the past year Keith Fletcher served as chairman; Esther Morledge, treasurer; John Harvey, secretary; John Chrisinger, business manager; and Bruce Holl, office manager. Prof. E. L. Barger and B. W. Schaefer served as faculty advisors.

More lighting equipment, backdrops and sound effect records were added to the Board's supplies this year.

Front Row: Schaefer, Anderson, Fletcher, Chrisinger, Barger. *Second Row:* Morledge, Polson, McKee, Bjorndahl. *Top Row:* Byrne, March, Stewart, Smith, Holl.

YWCA gathers for annual Rose Ceremony.

YWCA

To share mutual interests and to help college women live a Christian life are the aims of the YWCA. Almost 1,000 students belong to the organization.

Each Saturday the group held an afternoon nursery. Among its last year's accomplishments were Knitting for France, sending boxes of toys to Europe and a Foreign Student Tea.

Last August 1,300 4-H girls took part in the summer "Y" program. The group also entertained all freshmen women during Freshman Days in the fall. The YWCA had weekly interest group and committee meetings and one all-association meeting.

Juliann Barker served as president this year. She was aided by Charlene Spangler, vice-president; Joan Armann, secretary; and Nadyne Johnson, treasurer. Mrs. Betty Cowles was YWCA executive secretary.

Front Row: Johnson, Barker, Cowles, Spangler, Armann. *Second Row:* Rexroat, Edgar, Stocks, Brogotti, Lindaman. *Third Row:* Knapp, Guggedahl, Johnson, Smith, Westley, Pangborn. *Top Row:* Breckenridge, Young, Schneider, Schropp, McKee.

Knights
of
St. Patrick

Upper: *Ron Norman escorts John McElhinney through the arch during Cardinal Key tapping.* Lower: *Alex Edwards gets the tap from Clancey Strock.*

Honorary Member
ALLAN B. KLINE

CARDINAL KEY

During the past year Cardinal Key, senior men's honorary, sponsored its annual Alumni Smoker after the Homecoming football game and the 1949 Leadership Day Banquet at which time 109 student leaders were presented with Cardinal Key Certificates of Honor.

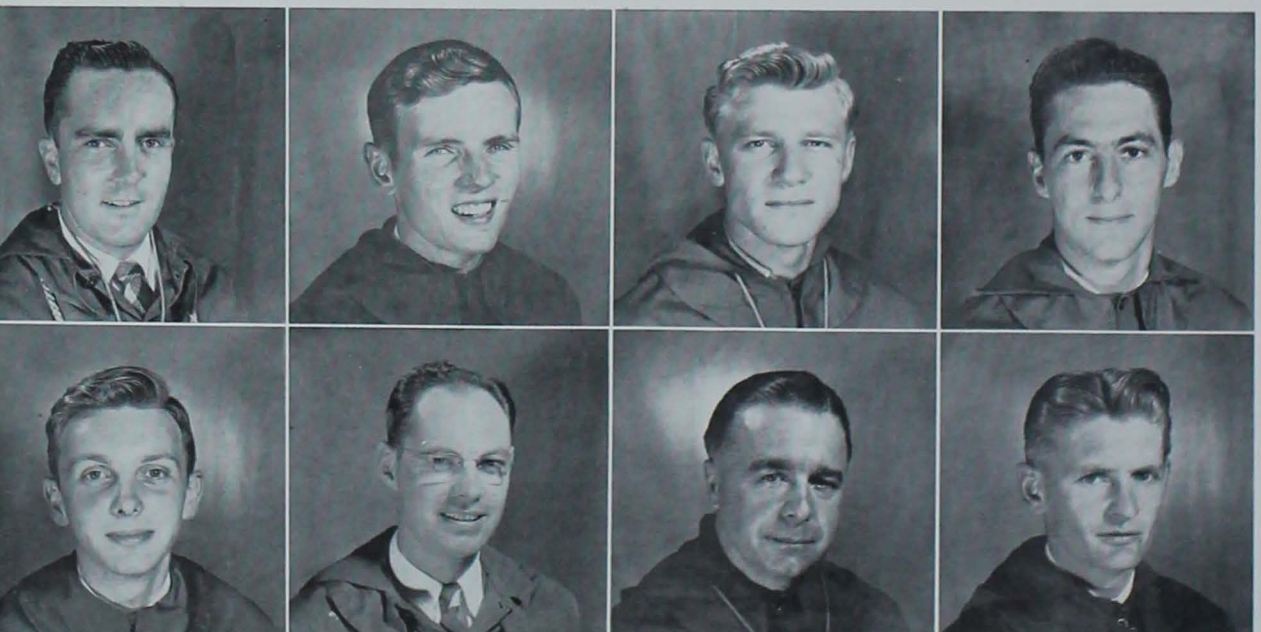
Tapped for honorary membership during the year was Earl Shreve, a graduate of Iowa State in 1904 and now president of the Chamber of Commerce of the United States.

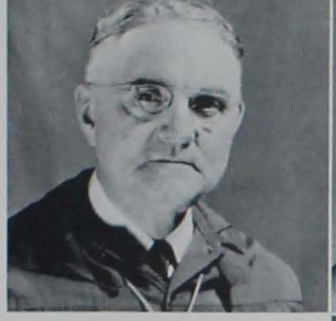
JOHN MCELHINNEY
JAMES SENGER

WILLIAM FLETCHER
ROBERT WALTERS

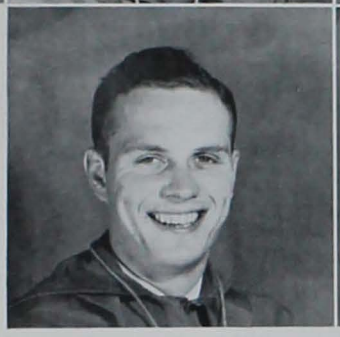
RICHARD HANSON
ALVIN EDGAR

RICHARD MANNHEIMER
EDWARD LIDVALL





H. D. Bergman



Phillip Mayer
Thomas Schultz

Alex Edwards
Walter Hammond

Leo Schneider
E. I. Fulmer

Cardinal Key presented 109 men with Honor Certificates at Leadership Day Banquet

Cardinal Key was founded in 1925 as a means of recognizing men with outstanding leadership qualities along with those of excellent character and high scholarship.

Men tapped into membership during the Veishea tapping ceremonies are selected on the basis of leadership in campus affairs, service on the campus, character and scholarship.

Twelve men from each graduating class are chosen for membership, some as juniors and the remainder of the twelve are tapped at Veishea prior to their graduation.

Cardinal Key was guided this year by President John McElhinney, Secretary Robert Walters and Treasurer Leo Schneider.

Cardinal Key ponders some serious business.

Upper: *Mary Alice Anderson sports a Mortar Board under the benign guidance of Marion Dawson.* Lower: *Vital statistics are taken at fittings for the everloving cap and gown.*

MORTAR BOARD

Every spring at Veishea new members are tapped for Mortar Board. The members are selected on the basis of service, scholarship and leadership.

This year Juliann Barker was tapped as president, Joyce Edgar was elected vice-president and Mary Alice Anderson, treasurer. Dr. Louise Peet was the honorary member selected at the ceremonies.

Mortar Board is a national honorary organized to provide for cooperation between societies, to promote college loyalty, to advance the spirit of service and fellowship among university women, to maintain a high standard of scholarship, to recognize and encourage leadership and to stimulate and develop a finer type of college women.

This year Mortar Board held the Induction Service for Freshman Women during Freshman Days and sponsored Women's Day. They also assisted on committees for Religion in Life Week and the Activities Preview for freshman women during the fall and winter quarters.

Juliann Barker — Joan Ahern — Maxine Anderson — Dr. Louise Peet

Marilou Willis — Jeanne Mann — Charlene Spangler — Joyce Edgar

LE GENE SMITH

ROBERTA MOHR
RUTH HACKETT

MARY ALICE ANDERSON
MARY ANN PAULU

JEAN SHAW
VIVIAN MUKIN

Mortar Board greeted incoming freshmen and sponsored annual "Women's Day"

Mortar Boarders Joan Ahern, Joyce Edgar, and Ruth Hackett check over new business before a meeting.

Mary Ellen Watt places the Mortar Board on Ruth Hackett during Veishea ceremony.

PHI KAPPA PHI

OFFICERS

E. A. Hewitt, *President* — R. W. Breckenridge, *Vice-President*
Belle Lowe, *Secretary* — H. B. Cheney, *Treasurer*
Henry Giese, *Corresponding Secretary*

FACULTY

Dr. Howard L. Hamilton — Dr. Charles S. Reddy
Dr. Henry P. Thielman

ALUMNUS

George Gale Ensign

GRADUATES

George M. Beal
Henry D. Block
Maxine H. Britton
Owen L. Brough, Jr.
George R. Cooper
Lee M. Day
Charles T. Dean
Charles G. Downing
Arthur M. Dutton
Robert C. Fellinger
William B. Grandjean
Thomas E. Hannum
Marion R. Hatfield
Emmanuel T. Jensen
D. Hildegarde Johnson
Harold V. McKnight
Allen D. Miller
Philip A. Miller
Gilbert A. Moseley
Robert V. Ruhe
John F. Sandfort
Lincoln H. Taylor
John R. Tompkin
Richard E. White

UNDERGRADUATES

J. Edward Anderson
Louise H. Barker
Paul T. Bauman
Jeanne G. Bishop
Everett F. Blizzard
Carl V. Bock
Joseph B. Bourne, Jr.
William H. Burke
George Burnet, Jr.
Keith L. Carlton
Roberta G. Chase
John E. Chrisinger
James R. Christensen
Rex B. Conn, Jr.
William G. Crooker
Kathryn R. Crowell
Charles H. Davis, Jr.
Arthur A. Day
George A. Decker
Irving R. Diehl
Edward W. Delahooke
Charles F. Dickason, Jr.
Jon A. Doerflinger
Harold T. Downey
Marilyn H. Dreste
George R. Dubes
John D. Elderkin
George W. Fairweather
Raymond C. Ferguson
Frederick R. Fluhr
Dean R. Frietag
William R. Gasser
Joanne K. Gatz
Robert H. Gauger
Eugene F. Gildermaster
Arthur K. Gilkey
Barbara Ann Gosling
Alexander P. Hare
Thaddeus A. Harrington
Royal R. Hawkins
Carol J. Hayes
Catherine M. Hendrick
M. Audrey Hinkly
Richard A. Hummel
William R. Hunter
John J. Jaeger, Jr.
Harvey M. Jensen
Gordon K. Johnson
Mary Johnston
P. Joan Johnston
Kenneth P. Jorgensen
Earl W. Kehrberg
James G. Kemp, Jr.
Stanley King
Berl A. Koch
Verne C. Koch
Charles A. Krause
Robert H. Lamb
Robert L. Lary
Kenneth C. Lepley
Warren L. Leucht
Karl A. Loerch
Robert S. Loomis
Patricia A. Lundsten
Robert H. McAlexander
John W. McKee
Helen M. Maddock
John H. Martens
John W. Martin
Robert J. Martin
R. Foster Mason
Jane S. Miller
John G. Moffitt
Donald S. Morgan
Selim A. Nashif
Donald W. Niemand
David O. Ohde
Wallace H. Orgell
James G. Patterson
Leland R. Pehrson
Kenneth L. Petrie
Richard Phillips
Richard L. Phillips
Edward P. Pope
L. Dale Purcell
Marcia L. Rafn
Henry B. Ramsey, Jr.
John W. Rendahl
Evagene D. Richardson
Norman K. Roberts
Thomas H. Roberts, Jr.
Donald O. Ruff
Teresa M. Scallon
George K. Serovy
John W. Shaw Van
John B. Shumaker, Jr.
Robert D. Sinner
Paul S. Skiles
Fritz Sohn
Charlene Spangler
Charles E. Spangler
Vaughn C. Speer
Charles S. Stringer
Joseph A. Stritzel
Eugene K. Swanson
Russell Swenson
Lyall F. Taylor
Evelyn K. Thiel
Alan M. Thompson
Frederick H. Tillwick
Charles K. Titus
Henry H. Tomizawa
Joseph M. Trecker
Eugene L. Turner
James E. Van Ness
Harvey W. Wainright
Richard D. Webster
Thomas D. Wheelock
Lawrence A. Whinery
Joseph M. Wier
Donald O. Wiersig
John M. Wilcox
Janet L. Wilkerson
Sanford B. Wilson
Richard L. Wintroub
Dean C. Wolf
Harvey W. Wright
William E. Wright
Wesley E. Yates
Edwin Zaidlicz
Walter Zelnio
Denis J. Zigrang
Nathalia A. Zimmerman
Mildred E. Zucker

TAU BETA PI

To outstanding individuals in the Engineering Division goes the honor of belonging to Tau Beta Pi. The group sponsors freshman engineering guidance tours each winter at which the newly arrived students get the opportunity to meet the faculty of the engineering department of their choice and look over the facilities ISC offers them in their field.

Last year Tau Beta Pi gave the James Kopke scholarship award for outstanding work in music and other activities. Roy Lundquist served as president the past year with John Bell as vice-president.

Tau Bete Pledges perform in a quiet serenade to home economics classes.

Front Row: Leverett, Stoll, Gildermaster, Wintroub, Blunck, Wier. *Second Row:* Bibb, Krause, McCombie, Rendahl, Hansel. *Third Row:* Hunter, Sinner, Jedele, Bice, Phillips, Gauger. *Fourth Row:* Zigrang, Labor, Sessler, Kemp, Trecker, Hansen. *Top Row:* Whinery, Carlton, Minard, Tillwick, Maehr, Windheim.

Front Row: Lamb, Bell, Bourne, Lundquist, Chrisinger, Skjerseth, Wright. *Second Row:* Ramsey, Wright, Decker, Van Ness, Ver Ploeg, Skiles, Gibson. *Third Row:* Copeland, Summers, Downey, Ranch, Turner, Serovy. *Fourth Row:* Mackey, James, Berka, McCannon, Patterson, Koch, Bock. *Top Row:* Niemand, Bittinger, Graham, Wheelock, Shafer, Sieck, Swanson.

AZ officers open the meeting.

Pledges collect some autographs.

ALPHA ZETA

Alpha Zeta is an honorary agricultural fraternity organized to promote the profession of agriculture by encouraging and developing leadership in the field.

The major function of the past year was the initiation banquet held in February. Seventy members were initiated then. For the first time veterinary medicine students were also initiated. Meetings of the group were held twice a month.

Alpha Zeta chancellor this year was Thomas Clague and the censor was Charles Spangler. B. J. Firkins, R. K. Frevert, and W. E. Barron were faculty advisors.

Front Row: Reynolds, Spangler, Clague, Schmidt, Goetsch. *Second Row:* Monroe, Roberts, Deihl, Grist. *Third Row:* Monson, Gillette, Stritzel, Skjerseth, Studt. *Top Row:* Page, Thomas, Bittinger, Berggren, Quiggle, Fisch.

Members wrap fruit cakes for the Christmas sales.

Marilou Willis pours at an informal tea.

PHI UPSILON OMICRON

Baking and selling Christmas fruit cakes was one of the many activities which Phi Upsilon Omicron conducted during the past year. The national home economics fraternity met twice a month in an effort to advance and promote the field of home economics and to strengthen the bond of friendship among the 56 members of the fraternity.

Marilou Willis served as president of the group and was assisted by Elizabeth Nolting, vice-president. Mrs. W. Buck was faculty advisor. The group co-sponsored Ellen H. Richards Day.

Front Row: Mann, Nolting, Willis, Gaston, Holler. *Second Row:* Saunders, Adams, Hendrickson, Anderson. *Third Row:* Edgar, Barker, Shaw, Johnston, Hackett. *Top Row:* O'Flaherty, Baker, Mohr, McDonnell, Mukin.

Upper: *St. Pat Mackey and his attendants confer knighthood on Professor O'Kerekes.* Lower: *Knights of St. Patrick hold a reception for Engineer's Lady candidates.*

KNIGHTS OF ST. PATRICK

Senior engineers who were outstanding in college activities were honored this year by election to the Knights of St. Patrick. The pledging ceremonies took place at the Engineer's Carnival while the initiation was held at the Engineer's Ball.

At the initiation each candidate knelt and kissed the Blarney Stone and was then dubbed Knight. Jack Mackey was St. Pat this year while John Bell and Don Shafer served as assistants. The members, constituting eight percent of the senior engineeering students, were elected by the Engineering Council. The Knights entertained the candidates for Engineer's Lady at an informal reception.

Sixty-nine men were initiated this year and Frank Kerekes, assistant dean of engineering, was made an honorary member of the Knights. Prof. James P. McKean served as faculty advisor.

Front Row: Shafer, Clague, Serovy, McKean, Kerekes, Wilde, Ranch, Koch, Bosnyak, Clagett, Skjerseth. *Second Row:* Blichman, Hedrick, Steele, Sievers, Tschantz, McElhinney, Mathre, Sieck, Lamb, Lax, Huston. *Third Row:* Bice, Ramsey, Somers, Maley, Downey, Champlin, Leverett, Summers, Pennington, Hamilton. *Fourth Row:* Wright, Johnson, Buehner, Peace, Baer, Brownson, Brotherton, Berka, Brodersen, Allen. *Fifth Row:* Bell, James, Ritts, DeRoos, Waltz, Davies, Williams, Filbert, Minard, Robison. *Top Row:* Windheim, McCannon, Westcot, Janssen, Sheperd, Trochuck, Chrisinger, Maehr, Harvey, Mackey.

ALPHA PHI OMEGA

One of the busiest organizations on campus was Alpha Phi Omega service fraternity. The group is composed of former Boy Scouts who wish to promote leadership, friendship and service.

Among the many activities the group helped with last year were the March of Dimes and the Christmas Seal drive. This was the third consecutive year they have handled these drives. The members helped Cardinal Guild in the supervision of the all-college election and also were on hand for the Selective Service registration.

Leading the chapter this year was President James Benner. Dean M. D. Helser and Prof. H. J. Plagge served the group as faculty advisors.

Alpha Phi Omega at work.

Front Row: Tharp, Malone, Roberts, Gates, Thornton, Kee, DeLay. *Second Row:* Lujan, Nelson, Edwards, Koon, Cohn, Ehrlich. *Third Row:* Norris, Rediger, Redding, Durgan, Cottington, Kuster. *Fourth Row:* Petterson, Goodall, Walter, Hummel, Maddocks, Folkers, Eddy. *Fifth Row:* Gayle, Krebs, Rymer, Mounce, Hessenius, Supplitt. *Top Row:* Otto, Chapman, Stevenson, Stange, Wilson, Cooper, Sperring.

Front Row: Richardson, Anderson, Bredahl, Bonesteel, Hug, Benner, Aherns. *Second Row:* Kubias, Beck, Hadacek, Graham, Guyer, Peiffer. *Third Row:* Pisle, Fritts, Hatcher, Cook, Geudtner. *Fourth Row:* Lemonds, Blair, Kinney, Dittmer, Murphey, Weber. *Top Row:* Turner, Wolf, Gustafson, Eckebrecht, Hierseman, Petersen, Trochuck.

PHI ETA SIGMA

Front Row: Schweers, Hierseman, Coover, Hughes, Crawford, Shane. *Second Row:* Allen, Worden, Powers, Howe, Hummel. *Third Row:* Boldt, Boller, Gregory, Shive, Stock, Alexander. *Fourth Row:* Cohn, Blank, Brown, Halden, Squier, Aldinger, Stover. *Fifth Row:* Barrett, Bolie, Morden, Spies, Anderson, Bonnicksen. *Top Row:* Van Horn, Hedin, Savage, Landgraf, Carlyle, Thumma, Hopper.

SIGMA DELTA CHI

Front Row: Hilliard, Young, Swegle, Dankenbring, J. Anderson. *Second Row:* Brodine, Bryant, Vogl, Cooper, Gilchrist. *Third Row:* Dustin, McElhinney, Bailey, Robertson, McCorkindale. *Fourth Row:* Houdek, Kroesen, Miller, H. Sidey. *Top Row:* Nelson, Fleming, D. Anderson, E. Sidey, Bruce.

PHI ETA SIGMA

Phi Eta Sigma was formed to honor freshman men who ranked high scholastically their first quarters in school. Last spring, men who had maintained a 3.5 grade average were initiated into the organization. A banquet was also held in conjunction with the initiation. Colored movies of the ISC-Missouri football game were shown.

The Iowa State chapter of the national honor society was formed in 1947. It is the only honorary fraternity which selects its members from Junior College men.

Officers for the past year were Wayne Hierseman, president; Joe Crawford, vice-president; and Albin Schweers, secretary. Prof. M. S. Coover served as faculty advisor.

SIGMA DELTA CHI

Sponsoring trophies for outstanding service in the field of journalism, holding banquets, publishing the *Green Gander* with Theta Sigma Phi and printing the *Iowa State Song Book* with Phi Mu Alpha were some of the activities which Sigma Delta Chi, men's professional journalism fraternity, accomplished during the past year.

Meeting twice a month, the honorary is composed of undergraduate and professional journalists who have done outstanding work in their field.

Wayne Swegle was president during the past year with Ray Dankenbring serving as vice-president. John Anderson acted as treasurer and Royce Hilliard was historian.

PI TAU SIGMA

Front Row: Jacobs, Bibb, Anderson, Niemand, Gasperi, Carlson, Chamberlain, Decker, Olson, Blunck, Binger. *Second Row:* Janssen, Derse, Gerboth, Wagner, Herring, Rorem, Thune, Scheider, Bowers, Wigstone, Alvine. *Third Row:* Reed, Piper, Brewer, Tidball, LaMar, Bombach, Breizy, Sessler, Potter, Turner. *Fourth Row:* Wright, Ives, Power, Schumacher, Whinery, Macchietto, Stolp, Bowie, Mac Morris, Crawford, Hartwig. *Fifth Row:* Stuart, Landes, Schmitt, Ward, Paul, Bourne, Coe, Albert, Andeway, Gildermaster. *Top Row:* Schult, Whitmire, Baggs, Driftmier, Ruisch, Irelan, Rehurek, Waltz, Clemens, Vonderhaar.

PI TAU SIGMA

Pi Tau Sigma each spring selects for membership Iowa State men who have been outstanding in the field of mechanical engineering.

The group placed high in the booth judging at the Engineers Carnival held last fall. It also offered social affairs where the members could enjoy card playing and dancing. About 65 members attended the monthly meetings.

John Janssen was president this year. He was ably assisted by Joe Bourne, vice-president, and the group's faculty advisor, Dr. Stoever.

ETA KAPPA NU

Eta Kappa Nu gives the men in electrical engineering who have a high scholastic standing and have shown initiative in other fields a chance to make new friendships with men outstanding in the electrical engineering field. Its many projects ranged from semi-technical discussions to the annual fall picnic.

The officers for the past year were Charles Krause, president; Jim Gibson, vice-president; Paul Clark, treasurer; and Joe Trecker and Russ Stoll, secretaries. Professor W. L. Cassell served as faculty advisor.

ETA KAPPA NU

Front Row: Gibson, Minard, McCannon, James, Wier. *Second Row:* Iwerks, Krause, Kemp, Trecker, Hansen, Fleming. *Third Row:* Webster, Delahooke, Knight, Shaw Van, Gauger. *Fourth Row:* Bulter, Sanford, Hayes, Blumer, Van Ness. *Top Row:* Reynolds, Winsor, Heins, Westcot, Clark.

PSI CHI

Front Row: Trites, Robbins, Collins, P. Vance, Dwyer, Owens, Lauer. *Second Row:* Helmstadter, McCance, Cannon, Dreste, Bath, Fairweather. *Third Row:* T. Vance, Young, Sandifer, Hayes, Fletcher, Miller, Parsons. *Fourth Row:* Thomas, Hagedorf, C. Fritz, M. Fritz, Husband, Collier. *Top Row:* Bicknell, Brodine, Bennett, Scott, Merrill, Hoppe, Mayotte.

SCABBARD AND BLADE

Front Row: Billings, Doll, Galligan, Rickert, King, Drilling, Wagner, Boedy. *Second Row:* Gaskill, Hansen, Williams, McHenry, Wollney, Martinson, Sevey. *Third Row:* Parks, Webb, Triplett, Alton, Kampfe, Harman. *Fourth Row:* Binger, Suvalsky, Gideon, Reihman, Specht, Pinney, Gammell. *Fifth Row:* Budlong, Holets, Norton, Barrington, Fitch, Friesen. *Top Row:* Lammers, Bennett, Ramsey, Jones, Vondrasek, Chrisinger.

PSI CHI

An informal dance winter quarter and several banquets highlighted the year for the members of Psi Chi, honorary fraternity for psychology students. The year's activities were concluded with a spring picnic.

The group was formed to encourage and promote interest in the study of psychology. The main requirements for membership include scholastic attainment, character and participation in activities.

Serving as president during the past year was Paul Vance. He was aided in the administration of the organization by Wayne Collins, vice-president; Charles Robbins, secretary; and Dr. Martin Fritz, treasurer. Prof. J. E. Evans acted as faculty advisor.

SCABBARD AND BLADE

Scabbard and Blade, honorary military organization, was headed by Capt. William Rickert this year. Other officers of the group were First Lt. William Webb, Second Lt. Dennis McHenry and First Sgt. Norman Lammers.

The 38 active members of Scabbard and Blade sponsored the annual Military Ball and held a spring pledge dance. The Memorial Day wreath in Gold Star Hall was presented by the organization.

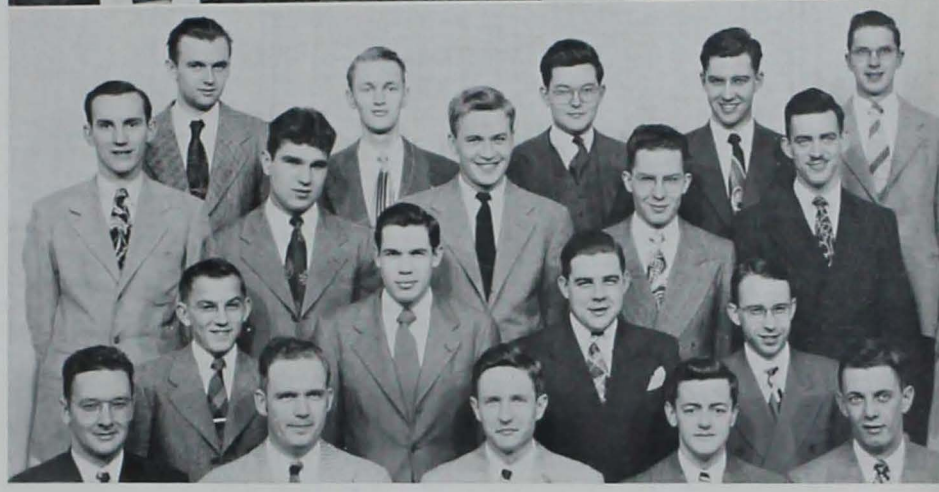
The purposes of the organization are to help unite military departments at American universities and colleges and to preserve and develop the essential qualities of good and efficient military officers.

PI MU EPSILON

Front Row: Funcke, Osbrink, Allen, Blizzard, Ritts, Paulu, D. Holl, DeVoll, B. Holl. *Second Row:* Lary, Munson, Ibrahim, Heller, Johnson, Rogers, Bowles, Wiesen, Petersen. *Third Row:* Gibson, Moss, Healy, Larson, Christian, Hayes, Huppert, Robertson, McKee. *Fourth Row:* Johnson, Paul, Chu, Wright, Helmstadter, Schroeder, Schrimper, Gatz, Lowry. *Fifth Row:* Scott, Skar, Gilkey, Ramsey, Stanek, Chapman, Fritz, Martens, Leach, James. *Top Row:* Bailey, Luthin, Chamberlain, Clingman, Toenges, Madison, Miward, Hutchinson, Read, Shumaker.

ALPHA CHI SIGMA

Front Row: Leucht, Dewell, Wheelock, Leverett, Asher. *Second Row:* Sinner, Byrd, Hawk, Copeland. *Third Row:* Pazur, Zigrang, Buchanan, Shore, Westervelt. *Top Row:* Shumaker, Bauriedel, Ayers, Stonehouse, Brandner.



PI MU EPSILON

Elected for proficiency in mathematics, 160 students and faculty members at Iowa State hold memberships in Pi Mu Epsilon, mathematics honorary.

The honorary sponsors the Math Club and offers scholarship prizes at the spring Honors Convocation to students proficient in mathematics. Speakers from various fields of business as well as college personnel are invited to speak at the meetings. The major social function of the year is the Pi Mu Epsilon banquet held every spring and fall.

The director during the past year was William Ritts and Ralph M. Robinson was faculty advisor.

ALPHA CHI SIGMA

Those students who plan to make some phase of chemistry their life work are elgible for membership in Alpha Chi Sigma, professional chemistry fraternity.

A dance for members was held in May and a picnic was given in the spring. The fraternity was co-sponsor of several talks and demonstrations by outstanding men in the field of chemistry. One of the featured programs was a demonstration on perchloric acid by G. F. Smith.

T. D. Wheelock was president the past year. The other officers were E. H. Dewell, vice-president, and J. R. Leverett, treasurer. Dr. L. A. Underkofler served as faculty advisor.

SIGMA ALPHA IOTA

Front Row: Ritchie, Bernstein, Clendenin, Paulu, Jones. *Second Row:* Woods, True, Huston, Westcott. *Top Row:* Lloyd, Brunsvold, Osbrink, Steiglitz, McClelland.

PHI MU ALPHA

Front Row: Drewry, Robson, Piersol, Mac Rae, Edgar, Monson, McGraw. *Second Row:* Nettleton, Hatcher, Riches, Berka, Henderson, White, Baumhover. *Third Row:* Brown, Jedele, Patterson, Beckett, Clague, Sease. *Fourth Row:* Anderson, Berges, Gugeler, Manny, Walter, Horn, Shadle. *Fifth Row:* Spencer, Thomas, Stoakes, Mackey, Westcot, Hamilton. *Top Row:* Waltz, Niemand, Brickley, Sidey, Thompson, Wilson.

SIGMA ALPHA IOTA

The music honorary for women, Sigma Alpha Iota, was organized to further musical activities on campus and to stimulate an appreciation of music within the group itself.

Among its many activities the honorary sponsors the annual Sor-Dor Sing. Its members also give monthly musicals and act as ushers for many of the concerts presented throughout the year on the Iowa State College campus.

President for the past year was Nan Bernstein. The vice-president's position was held by Mary Ann Paulu and the chaplain was Helen Ritchie. Mrs. Beverly Baumhover acted as advisor to the group.

PHI MU ALPHA

The members of Phi Mu Alpha are men who have served ISC by participation in one of the campus music organizations. The group is active in promoting and stimulating music activities of all kinds.

The fraternity sponsored the Harmony Ball and the Woody Herman—King Cole Trio concert during winter quarter. The group presented the annual spring Musicale in conjunction with Sigma Alpha Iota and also organized the Sinfonia Sing.

Prof. Tolbert MacRae, faculty advisor, assisted President James Beckett in guiding Phi Mu Alpha. Other officers of the group were Owen Shadle, vice-president, and Lloyd Sease, secretary.

DELTA PHI DELTA

Front Row: Shepard, Howell, Johnston. *Top Row:* Dorsett, Lueder, Welsh.

DELTA PHI DELTA

Promoting interest in art is the major purpose of Delta Phi Delta, national art fraternity. The organization held a Christmas Bazaar to sell articles made by members and alumnae. The group also provided a workshop to make and sell Mother's Day cards.

A demonstration by Clemante Diaz, a Mexican artist, was sponsored by the fraternity. Delta Phi Delta also took part in the Garden Clubs of Iowa show. Mary Johnston served as president and Miss Edna O'Brien was faculty advisor.

THETA SIGMA PHI

The Iowa State chapter of Theta Sigma Phi, women's professional journalism fraternity, was headed by Ruth Hackett, president during the past year. Other officers were Joan Ahern, vice-president; Ethel Mae Hendrickson, secretary; and Joyce Meyer, keeper of the archives.

During the year they sponsored Matrix Table to honor outstanding women in journalism and also sponsored two delegates to the Writer's Workshop in San Francisco.

THETA SIGMA PHI

Front Row: Hendrickson, Meyer, Hackett, Ahern. *Top Row:* Baker, Parsons, Menne, Edgar, Breckenridge.

TAU SIGMA DELTA

Front Row: Stellrecht, Elwood, Leman, Skiles, Freitag, Watson, Patten. *Second Row:* Brenneman, Mathre, Martin, Wallerstedt, Appell, Boley. *Third Row:* Strayer, Renard, Young, Brodersen, Cummings, Ver Ploeg, Hanson. *Top Row:* Sinek, Peters, Fjare, Neidigh, Lindgren, Hansel, Windheim.

TAU SIGMA DELTA

Tau Sigma Delta is composed of students in architecture, landscape architecture and allied arts who have shown outstanding leadership and who rank high scholastically.

At the national convention in Houston this year, Prof. T. K. Fitzpatrick was elected Grand Chapter Master. He replaced Prof. P. H. Elwood, the honor remaining on the ISC campus. Paul Skiles served as master of the local chapter last year, and Prof. Leonard Wolf was the group's faculty advisor.

OMICRON NU

Featuring high scholarship, leadership, and home economics research, Omicron Nu initiated 20 seniors into membership last fall. Acting as co-sponsor of Ellen H. Richards Day and having an exchange with the University of Iowa chapter were some of the many social functions held by the honorary.

Jeanne Mann served as president aided by Teresa Scallon, vice-president; Norma Knutson, secretary, and Margery Saunders, editor. Miss Frances Hettler acted as faculty advisor.

OMICRON NU

Front Row: Scallon, Mann, Thiel, Crowell. *Second Row:* Johnston, Milliman, Hinkly, Pavlik, Hackett. *Third Row:* Zucker, Dunn, Lundsten, Heyer. *Top Row:* Dietrich, Gosling, Linge, O'Neil, Burnett.

THE IOWA STATE CONCERT BAND

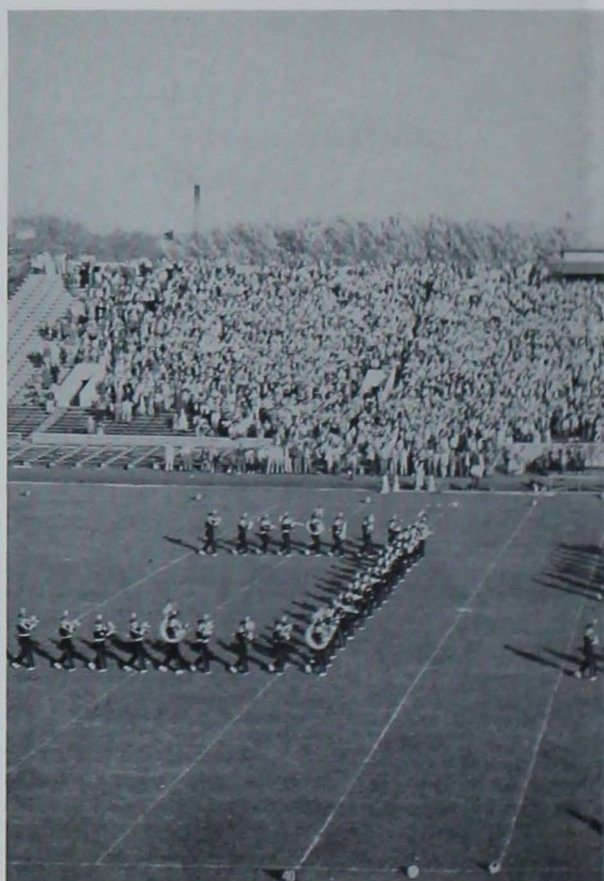
Concert Band played to capacity crowds on 700 mile tour during spring vacation

BAND

During the 1948-1949 college year over 200 students played with the Concert, Marching and Varsity Bands. At ISC football games the Marching Band entertained thousands with its halftime presentations.

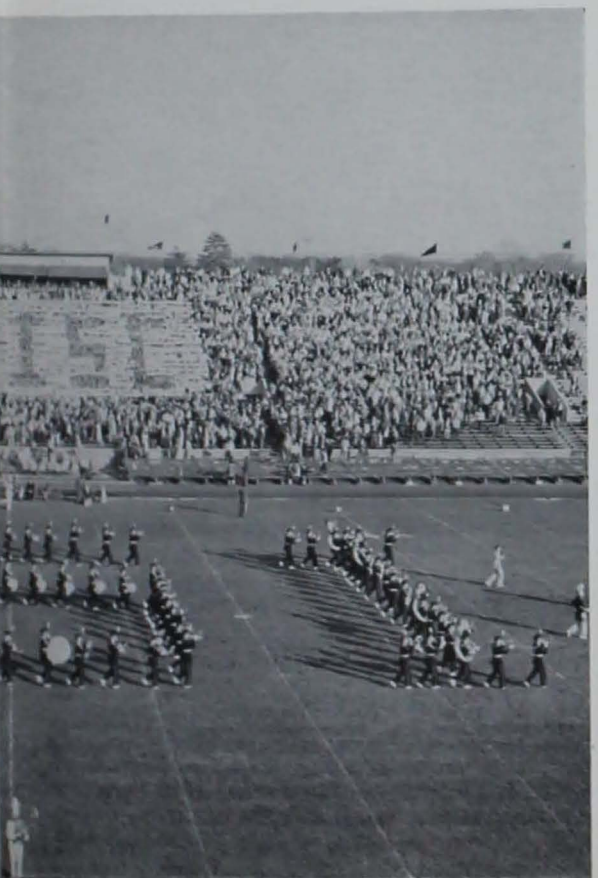
The Concert Band demonstrated that the fine art of music may be cultivated and enjoyed by students of a technical school. Highlights of the year included the production of a color-sound movie of the Marching Band for showing in other schools and the completion of a 700 mile tour by the Concert Band.

Officers of the band were Jack Berka, president; Kenneth Brown, vice-president; Jim Westcot, secretary; and Paul Langfeldt, treasurer.



THE IOWA STATE CONCERT ORCHESTRA

Orchestra presented Liszt's "Preludes" in fall concert with the combined Glee Clubs



ORCHESTRA

Under the direction of Alvin R. Edgar, 75 members of the Iowa State Symphony Orchestra presented a series of concerts for the students during the year. Among the featured numbers of the fall concert was the performance of three Bach Brandenburg Concertos arranged by Richard Wiley. During winter quarter the Orchestra went on a tour through southwestern Iowa.

Concert mistress of the Orchestra was Ilza Neimack, a member of the music faculty and violin instructor. Mary Ann Paulu served as student president.

Four members of the Orchestra received recognition at the Music Honors Banquet. Receiving I's for their services were Robert Lynch, James Westcot, Mary Ann Paulu and Warren Robson.

A scene from "A Naval Engagement" catches a couple of Iowa State Players with their pants down . . . and out.

A small chat over a warm revolver in "The Time of Your Life" . . . or "I Didn't Know the Gun was Loaded."

ISC THEATRE

The Iowa State College Theatre's three branches, Iowa State Players, Laboratory Theatre and the Film Theatre, sponsored full programs this year.

Last fall, Iowa State Players presented William Saroyan's "Time of Your Life." Over 1,600 persons attended the play involving 77 students. Moliere's "Tartuffe," presented by Players winter quarter, was in line with the Player's policy of giving a classic each quarter.

The Players are continuing the reconstruction of the Theatre Workshop and since 1946 over $1,500 has been spent. In the spring a cement basement was added to the Workshop. The Players spring production was Greene's "Papa is All."

The Film Theatre is proving popular with the students. Fall quarter seven films showing 40 years of American film comedy were presented. Winter quarter films included pictures from four European countries.

Drama a la Moliere as Iowa State Players presented "Tartuffe."

Foreign movies and original plays filled Iowa State Players entertainment program

Front Row: Price, Nelson, McDonnell, Kenyon, Ferguson, Lindaman, Miller, Bartheld. *Second Row:* Eichorn, Haugen, Angstrom, Teich, A. Morden, Johnson, Frank, Droegemueller. *Third Row:* Rieke, Stanton, Day, Wallace, Becker, Aplan, Neven, March, Keilman. *Fourth Row:* Marvin, Forsyth, Conzemius, Haselton, Dockendorf, A. Jones, Kelleher, Snyder, Turner, B. Jones. *Fifth Row:* Hampton, McCutchen, Bradley, Glasener, Forsyth, Daufeldt, Adams, Hackett, Anderson. *Top Row:* D. Morden, Gousseff, Gianotti, Button, Beard, W. Anderson, Merrill, Welterlen.

Two of the highlights of the Laboratory Theatre's season were the productions of two original plays. "A Naval Engagement," a three act comedy about life on the sea, was written by Capt. R. B. Levin, former commanding officer of the Iowa State NROTC unit. The winter quarter production was a musical comedy, "A Hair Perhaps," by two student playwrights, Norm Filbert and Bruce Weiser. Prof. Joseph H. North, Frank E. Brandt and Mrs. Laura Brandt directed the plays.

A long standing goal of the Iowa State College Theatre was accomplished when the Margaret Webster Shakespearean Company presented "Macbeth" in the Ames High School Auditorium. The ISC Theatre group has contracted with the Webster Company for a return performance next year and hopes to bring other companies to the campus.

Margaret Webster Shakespearean Company brought "MacBeth" to Iowa State.

It all depends on your point of view in a scene from "A Naval Engagement."

IOWA STATE DEBATERS

Front Row: Ebel, Hermann, Windheim, Cleary, Blair, Micken, Keshlear. *Second Row:* Braun, McKinley, Ramsey, Underhill, Neuman, Linder, Egli. *Third Row:* Young, Shields, Supernois, Barry, Whade, Sclarow. *Fourth Row:* King, Husbands, Noland, Getting, Moats, Lauger. *Top Row:* Lomen, Eggimann, Gillette, Biederman, McCarty, Evans, Colony, Bear.

IOWA STATE DEBATERS

Iowa State Debaters are interested in all phases of forensic speaking. Their activities fall into four general areas: inter-collegiate debate, coffee forums, radio panels and community visits. This year's debate program included eight major intercollegiate tournaments. Debaters played host to the Missouri Valley Forensic League, and held public debates with visiting speakers from England and Hawaii. Radio discussions were broadcast each Tuesday over WOI, and weekly coffee forums were presented. Officers were Norman Cleary, president; Marvin Ebel, vice-president; Don Blair, secretary; and Charles Keshlear, treasurer.

RADIO PLAYERS

The Iowa State College Radio Players were organized under the Department of English and Speech to provide students with advanced projects in the production of radio drama. Membership in Radio Players is attained on the basis of points accrued working on the productions of Radio Workshop. During the past year Radio Players have acted as directors and advisors for Radio Workshop members and within their own organization, cast and rehearsed a full half-hour comedy show, "The Ghost of Benjamin Sweet." Jerry Peace was president of the group and was assisted by Don Glasell as vice-president.

RADIO PLAYERS

Front Row: Wegener, Bond, J. Peace, Burkle, Glassel. *Second Row:* B. Spencer, Ferguson, S. Peace, Angstrom, Groszkruger, Ohlsen. *Top Row:* Knau, D. Spencer, Anderson, Merrill, Hackett, Mahler.

WOMEN'S GLEE CLUB—*Front Row:* Jones, Fincham, Ahlstrom, Smoak, Pittman, Huston, Pierson, Van Roekel, Rosewall, Barthell, Neff, Steigerwalt. *Second Row:* Albaugh, O'Brien, Westley, Davis, Prichard, Hemphill, Erickson, Howland, Brunsvold, Bleam, Robertson, Mercer, Gillette. *Third Row:* Fernsell, Snoddy, Maxson, Ives, Held, Gardner, Ruhr, Brouer, Sickles, Aurand, Hagie, Shaw, Pecaut, Sonquist. *Fourth Row:* Peterson, Bredahl, Gordon, Wallenfeldt, Hancock, Burns, Payseur, Wester, Okones, Lucas, Ebinger, Ahlgren, Higdon. *Fifth Row:* Smith, Reichert, Baughmann, Lankelma, Ekdahl, Svoboda, Umphrey, Roland, Rossiter, Robinson, Brown, Deutschmann. *Top Row:* Flesher, Ewoldt, Munster, Stong, Rethwill, Bates, Miller, Close, Westcott, Haller, Eliason, Gilbert, Juhl.

Iowa State Singers, newly organized group of mixed voices, made a four day tour giving eleven concerts in three states

MEN'S GLEE CLUB—*Front Row:* Bode, Snook, D. Jones, Patterson, Barrett, Monson, Prof. Hilligoss, Thomas, Sidey, Labor, Clague, Carter, Grinstead. *Second Row:* Martin, Jedele, Aden, Rinner, Hardt, J. Anderson, Reid, Sandahl, Youngquist, Fritz, Hensel, Vernon, Feldman. *Third Row:* Brown, Davis, Maley, Okey, White, Beckett, Kuefner, Axthelm, B. Jones, G. Jones, Van Dyke, Litteral, Kline. *Fourth Row:* Hultquist, Frevert, Totemeier, Peterson, Horn, Haupert, Manny, Rogers, Fowler, Becker, Riches, Walter, Munson. *Fifth Row:* D. Anderson, Tuttle, Hassebrock, Kuester, Martin, Crawford, Petersen, Munn, A. Jones, J. Anderson, Hotchkiss, Roepke. *Top Row:* Smith, Newlin, Moeller, Boll, Bruene, Driftmier, Helble, Busch, Beer, Tiffany, Fisher, Wilcox, Wilson.

MIXED CHORUS—*Front Row:* Bredahl, Juhl, Barrett, Huston, Patterson, Pittman, Prof. Hilligoss, Sidey, Edgar, Monson, Robertson, Brouer, Brunsvold, Kline. *Second Row:* Frevert, Van Roekel, Haupert, Ahlgren, Hardt, Shaw, White, Wester, Martin, Pierson, Pecaut, Sonquist, Held, McClelland. *Third Row:* Jedele, Westley, J. Anderson, Gardner, Manny, Ruhr, Labor, Howland, D. Anderson, Sickles, Carter, Rosewall, Smith. *Fourth Row:* Aden, Snoddy, Maley, Burns, Beckett, Reichert, Clague, J. Smith, G. Jones, Eshelman, Becker, Erickson, Thomas. *Fifth Row:* Fernsell, Hultquist, Albaugh, Tuttle, Okones, Crawford, Payseur, Axthelm, Roland, Van Dyke, Hagie, Kuefner, Smoak. *Sixth Row:* Auten, Totemeier, Bates, Horn, Rossiter, Petersen, Ekdahl, A. Jones, Gordon, Riches, Eliason, Bode, Westcott. *Top Row:* Munster, D. Smith, Stong, Driftmier, Rethwill, Eshelman, Miller, Fowler, Brown, Fisher, Baughmann, Wilcox, W. Jones, Wilson.

CHORAL GROUPS

A new organization made up of selected mixed voices, the Iowa State Singers was formed under the direction of Prof. Eugene Hilligoss, also director of the Men's and Women's Glee Clubs.

The Singers' first appearance was in November in conjunction with the glee clubs as a chorus with the Iowa State Symphony Orchestra. In December the vocal organizations participated in the annual presentation of Handel's "Messiah" and combined to present a candlelight carol service for the Christmas tree-lighting ceremony.

During Religion in Life Week the three groups took part in the opening ceremonies and in the all-college convocation. In March the Singers made a four-day tour of three states, including eleven concerts in Iowa, Missouri and Kansas.

President Friley prepares to throw the switch at the annual Christmas tree lighting ceremony.

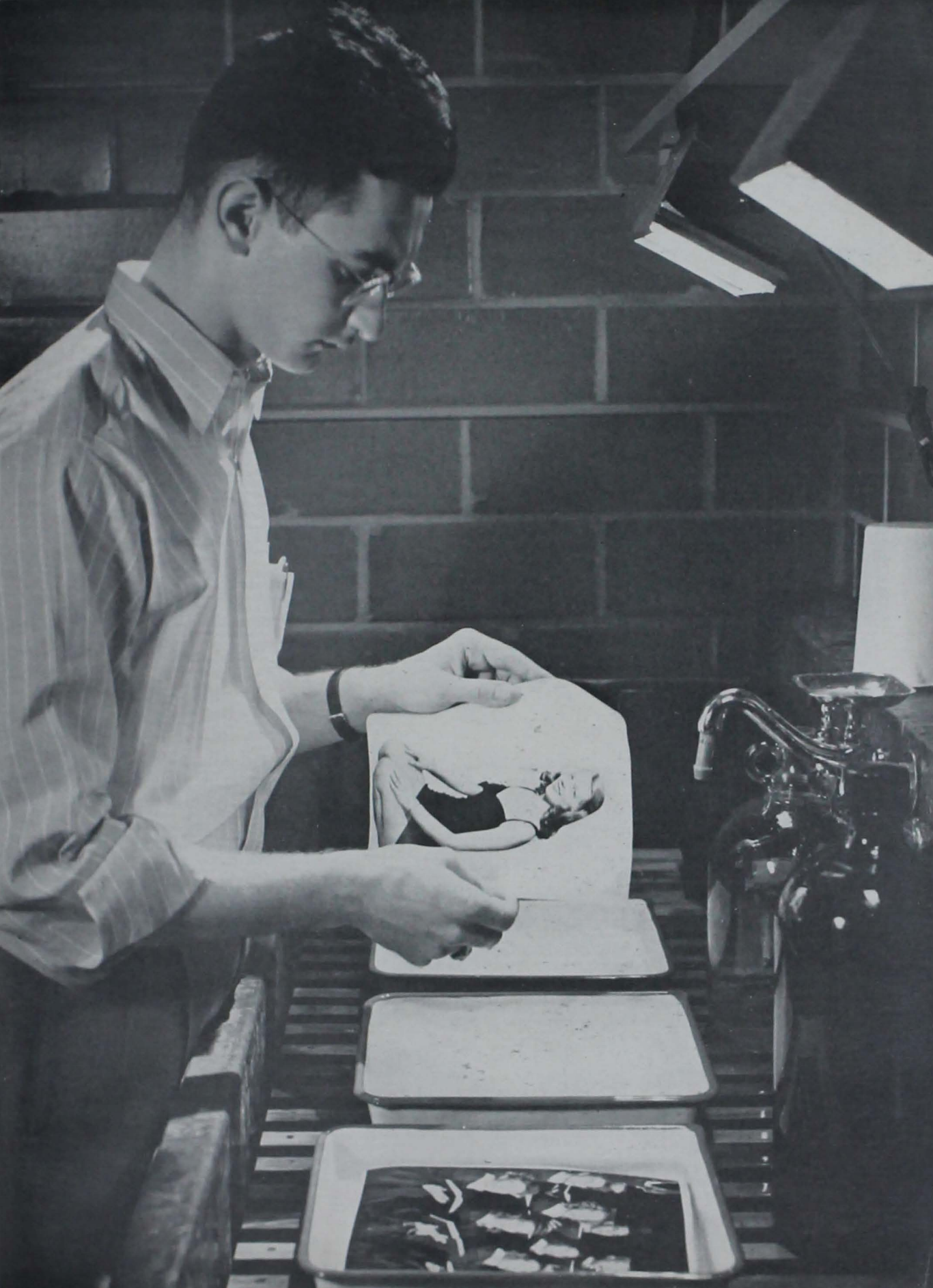
The Women's Glee Club adds its contribution to the combined glee clubs concert in Great Hall.

The year's activities of the Men's Glee Club included appearances at basketball games and at the Homecoming game and pep barbeque. Joining with former glee club members of the past 28 years, at the half of the Homecoming game the men presented a tribute to Professor Tolbert MacRae, retiring head of the Music Department.

Featured entertainers of the men's group were the Varsity Eight, directed by Professor MacRae and composed of Elmer Monson, Alvin Riches, John T. Anderson, Don Becker, Jim Beckett, Richard Harvey, Wayne Kuefner and Frank Eshelman.

The Women's Glee Club in addition to combined performances, appeared in the concert by the vocal groups in February.

Iowa State Singers provided a musical background for the Christmas tree-lighting ceremony.



1948 Bomb was awarded top honor by the National Scholastic Press Association

Associate Editor
CHARLES VOGELGESANG

1949 BOMB

The 1949 *Bomb*, largest since pre-war days, absorbed thousands of hours of student's spare time in an all-out effort to come up to the high standards of the 1948 edition. The 1948 book was awarded an All-American rating by the NSPA.

Under the leadership of Editor Dave Garfield, the *Bomb* staff utilized several editorial innovations and a record number of pictures in its attempt to present Iowa State students with a book that they would thoroughly enjoy. Giving the editor capable assistance were five associate editors, Chuck Vogelgesang, Jim McCorkindale, Don Davis, Gerry Williamson and Mary Laub.

Bomb Editorial Staff—*Front Row:* Davis, McCorkindale, Vogelgesang, Garfield, Williamson, Laub, Hansen. *Second Row:* Weeks, McColly, Barkley, Olson, Peterman, Rickerd, E. Fox, Harlan. *Third Row:* Ismert, Hardy, Beese, Reis, Jacobson, Fidlar, Halverson. *Top Row:* Beeler, Larson, Bradley, G. Fox, Rediger, Beach, White.

The Bomb returned to its pre-war size in 1949 as editorial staff added 32 pages

1949 BOMB

Responsible for the guidance of the *Bomb* staffs from year to year, the *Bomb* Publication Board was headed by President Bob Wilde. Roberta Mohr acted as secretary of the Board and R. A. Evans and Prof. K. R. Marvin served the group as advisors. Other members of the Board were Bob Parker, Bob Sevey, Dave Lovell, Chuck Spangler and Dave Garfield.

One of the most difficult problems faced by the *Bomb* Publication Board this year was devising a new means of presenting the Bomb Beauties after the cancellation of the traditional Bomb Ball. The Beauties were finally presented in the *Iowa State Daily*.

Editor
DAVE GARFIELD

at Peterman is in the "snood" to mount some ictures with a critical audience of Fox and Fuller.

Pat Hardy, Adrienne Rickerd and Jim McCorkindale leaf through the '48 edition.

The campus homes section is rushed to completion with all minds on that deadline.

Staff distributed 6,300 copies to break all records in the 56 year Bomb history

Business Manager
CHARLES SPANGLER

1949 BOMB

The *Bomb* business staff distributed a record 6,300 volumes in 1949, the largest number of *Bombs* published in the 56 year history of the book. The financing and distribution of the record issue were directed by Chuck Spangler, business manager.

In an effort to meet the publication's 40,000 dollar budget, Dick Reese, sales manager, and Dotty Rosen, assistant sales manager, organized a staff of 30 salesmen early in the fall. The salesmen sold 1,700 copies to freshman and sophomore students. The other 4,600 copies published were distributed to upperclassmen under the three year old activity fee plan.

A sortin' and a typin' seems to be the theme as the business office prepares for spring distribution.

Pete Berk, Joe Lyon, Jack Nelson and Helen Nauman check the junior and senior lists for impostors.

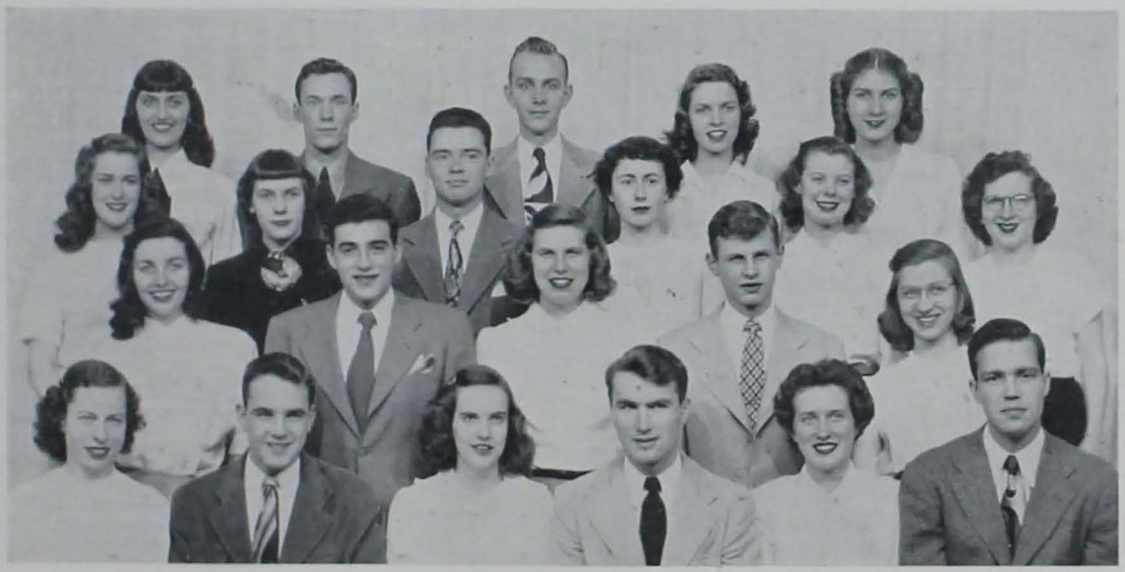
Business staff worked hard to meet demands of their 40,000 dollar budget

1949 BOMB

The activity fee plan guarantees each junior and senior a *Bomb*. In return for the two volumes, the student makes a payment of 55 cents through the college activity fee for each quarter he attends Iowa State College.

Carol Hayes, office manager, and Florence Pavlik, treasurer, took care of the Bomb books and made out the all-important checks. Joe Lyon was assistant business manager and Dick Anderson served as inventory manager. Helen Nauman handled the secretarial work for the business staff and Joan Brown, Jack Nelson and Pete Berk were also on the staff.

Office Manager
CAROL HAYES



Front Row: Nauman, Reese, Hayes, Spangler, Pavlik, Anderson. *Second Row:* Harvey, Berk, Rosen, Graham, Wolf. *Third Row:* Wyant, Wilson, Byrne, Myer, Humphreys, McCann. *Top Row:* Bosnak, Maney, Roos, Brown, Edwards.

Editorial staff used more pictures and streamlined heads to give paper new look

Editor
BOB OELBERG

IOWA STATE DAILY

Under the direction of Editor Bob Oelberg, the *Daily* took on a livelier appearance during fall and winter quarters. Increased use of news pictures helped dress up the front page. With Herb Pownall serving as photo editor, the *Daily* doubled the number of pictures per issue. Streamlined headlines were added to the makeup to give the paper a new look.

A staff of more than 70 sophomore reporters combed the campus for local news, the life-blood of the paper on which a community of 10,000 students depended for reports of student activity and announcements of important events.

Front Row: Wood, Sidey, Wiegand, Oelberg, Ahern, Doran, J. Anderson, Menne. *Second Row:* Sutherland, Bosnak, Bailey, D. Miller, Ekdahl, Turner, Cooper, White. *Third Row:* Creelman, Piaggi, Ismert, Hilliard, Allen, Cramer, Krowka. *Fourth Row:* Bull, Kline, DeGard, Razee, Hanchett, Hackett, Barkley, Robertson. *Fifth Row:* Dustin, Houdek, Rinner, D. Anderson, Button, McCorkindale, O'Brien. *Top Row:* Crom, Marousek, Fleming, Bruce, Young, W. Miller, Nelson.

Sophomore reporters gathered local news for Iowa State Daily's 12,000 readers

IOWA STATE DAILY

Staff turnover on the paper was rapid during the year. Following Oelberg's graduation in March, Ed Sidey moved up to the editor's position. Jim Bruce took over the duties of managing editor. John Anderson, John Wood and Bob Doran occupied the sports editor's desk and Joan Ahern, Susan Menne and Arline Wiegand served as women's editors.

In the background, directing and supervising the paper, were the members of the *Daily* Publication Board; Ruth Hackett, John McElhinney, Bruce Holl, Bill Alford, Lura Whitfield, Quentin McDonald, Prof. Starbuck, Prof. Fox and Prof. Marvin.

Managing Editor
ED SIDEY

Sidey, Wiegand and Oelberg get their editorial heads together.

Daily reporters pound out their copy.

Christmas advertising rush climaxed the year with a solid week of 12 page papers

Business Manager
JACK DEGARD

IOWA STATE DAILY

A record advertising volume along with skyrocketing expenses gave the *Iowa State Daily* business staff plenty to worry about. The *Daily's* income soared to a new high of 53,000 dollars while total publication expenses were 51,000 dollars for the school year, an increase of 8,000 dollars over last year.

To keep the books balanced during the year took 20 advertising salesmen plus a complete staff of issue managers. The year saw three men in the top spot of business manager. George Rusk, Jack DeGard and Hugh Sidey all handled the job of making the *Daily* pay its way.

Fred Young passes approval as the Daily presses roll out another edition.

Commander Sidey gives orders for the day.

"Sass" and sports editors bring their copy up to snuff.

Record advertising and high expenses were problems of the Daily business managers

IOWA STATE DAILY

Ace salesman of the year proved to be Fred Young who set an all-time high of 3,000 column inches of ads sold in a single quarter. Close on his heels was Jim Bruce. Merritt Bailey, classified ad manager, came up with an effective promotion campaign to combat the nation-wide slump in classified advertising which didn't pass by the Iowa State campus.

Five pretty office girls handled the job of keeping the files straight, while Don Arends took over the collection of delinquent accounts. In the promotion department, Tom Dustin tried his hand at selling advertisers on "Ames' most active market."

Business Manager
HUGH SIDEY

Front Row: Sidey, Voggenthaler, Sutherland, Short, McElhinney. *Second Row:* Wozniak, Bailey, DeGard, Cooper. *Third Row:* Rivedal, Fleming, Young, Bruce, Razee. *Top Row:* Matthews, Dustin, Doran, Hilliard.

Front Row: Landes, Sessler, Bice, Noble, Kampfe, Williams. *Second Row:* Dellett, Shive, Getzoff, Labor, Eschen. *Third Row:* Inman, Matthews, Allender, Awbrey, Gilman, Clayton. *Fourth Row:* Nettleton, Jensen, Petterson, Stewart, Millard. *Fifth Row:* Frudden, Vaughan, Leach, Burton, Stanfield, Konzen. *Top Row:* Lindblom, Ludemann, Cavin, Wennerstrum, Giles, Wilke.

Journalistic tendencies blossom out on the staff of the Iowa Engineer.

Engineer named the best college magazine in its field for 1947-1948 by the ECMA

DON BICE, *Editor*
ALDEN NOBLE, *Business Manager*

IOWA ENGINEER

The *Iowa Engineer* walked off with the "Best All-Around Magazine for 1947-1948" award during the annual convention of Engineering College Magazine Associated last fall. Bob Wilde was editor of the magazine during that period.

The *Engineer* continued to serve the students in engineering by presenting monthly articles of interest and information. In this it helped its readers to keep abreast of current happenings in industry and in the employment picture.

The *Engineer* required the help of more than 65 student staff members who were under the direction of Don Bice, editor, and Alden Noble, business manager, during the 1948-1949 period. The magazine averaged 40 pages an issue, with the March issue of 48 pages breaking the record for its 55 year history.

Maggie Leveson briefs the new Homemaker staff.

Front Row: Adams, Baker, J. Edgar, Ahern, Hendrickson. *Second Row:* Johnson, M. Edgar, Allen, Miller, McIntosh, Parsons. *Third Row:* Stover, Dyer, Myer, Krenek, Breckenridge, Webber. *Top Row:* West, Broms, Sutherland, Leveson, Dinges, Close.

Advertising and number of pages per issue set an all-time high for the Homemaker

IOWA HOMEMAKER

Producing a well-rounded magazine that would appeal to a larger number of readers was one of the main goals of the *Iowa Homemaker*. This was done by varying the contents of each month's magazine to include articles on subjects such as job opportunities for graduates, home economics research and tips on how to buy articles ranging from pottery to fur coats.

Several men on campus added their byline to the magazine—something out of the ordinary in the *Iowa Homemaker*. The men described the rules and know-how of varsity sports.

Directing the staff were Joyce Edgar, publisher; Nancy Baker, editor; Margery Saunders, managing editor; and Joan Ahern, business manager. Associate editors were Nancy Johnson, Margaret Leveson and Barbara Parsons.

NANCY BAKER, *Editor*
JOYCE EDGAR, *Publisher*

Front Row: Lancaster, Pflueger, Bryant, Sharon, Kern. *Second Row:* Dankenbring, Rinner, Hilliard, River. *Third Row:* Gilchrist, Swanson, McKinley, Cordiner, Visser. *Fourth Row:* Beckett, Swegle, Button, Wood, Nelson, Showman. *Fifth Row:* Cuff, Wormley, Houdek, Cook, Evely. *Top Row:* Crom, Wicks, Fleming, Skerritt, Korslund.

Ag staffers at work.

Iowa Agriculturist the only collegiate ag magazine using color cover illustrations

DAVID BRYANT, *Editor*
DON PFLUEGER, *Business Manager*

IOWA AGRICULTURIST

The *Iowa Agriculturist* holds the distinction of being the only college agricultural magazine to carry four-color cover illustrations. Four of the year's eight covers were in color.

The magazine underwent great changes in appearance and editorial content this year. The staff continued to publish a magazine "For Future Leaders in Agriculture." Articles of vital interest to students were found in every issue.

Editor David Bryant and Business Manager Don Pflueger directed the staff of more than 75 students. Holding key staff positions were James Sharon, managing editor, and William Kern, Peter Cuff, Forest Goetsch and Eugene Evely, advertising managers. Royce Hilliard, Deane Rinner and Kenneth Quinn were associate editors.

The Veterinary Student claims readers in five continents for its quarterly issues

VETERINARY STUDENT

The Veterinary Student, a publication of general and scientific interest to men of the veterinary profession, represents the journalistic efforts of the Iowa State College Student Chapter of the American Veterinary Medical Association.

Eighty percent of the subscribers are off-campus and are located in all 48 states, Asia, Africa, Europe and South America. Frequent contributors are men prominent in the profession.

The staff for next year consists of 35 members and is headed by Donald Fuller, editor, and Forrest Clark, business manager. The position of faculty advisor is filled by Dr. George Fowler.

Known for 11 years as *The Veterinary Student*, the name next year will be changed to *The Iowa State College Veterinarian*.

JOSEPH ERICKSON, *Editor*
DONALD WIERSIG, *Business Manager*

The Vet Student staff collects information.

Front Row: Wiersig, C. Cooper, Fowler, Erickson, Zenor. *Second Row:* Clark, Allen, Falter, Bredahl. *Third Row:* Feldman, Giese, Weatherly, Hull, Tillie. *Fourth Row:* A. Cooper, Dobson, Chudomelka, Allenstein, Albrecht. *Top Row:* Kempema, Urbatsch, Siemens, Winegarden, Thone.

The 1949 Ames Forester was dedicated to G. B. MacDonald, retired Forestry head

DEAN EINSPHAR, *Editor*
GAYLORD ROBERTSON, *Business Manager*

AMES FORESTER

"Progress in Forestry" was the theme of the 1949 *Ames Forester*, the annual publication of the Department of Forestry.

Dean Einsphar headed the publication as editor and was assisted by James Graham, art director; Hugh Kingery, alumni director; Robert Drexler, associate editor; and Paul Needham and Wayne Kuefner, assistant editors.

The business side of the staff was directed by Gaylord Robertson. Earl Denmark was sales manager; Thaddeus Harrington and Donald Riddle, advertising managers; Ted Allen, circulation manager; and Roger O'Neal, publicity manager.

The publication was dedicated this year to G. B. MacDonald, retired head of the department, who started the *Forester*. The book provides technical information and departmental news and helps to maintain alumni contacts.

Part of the Ames Forester staff checks over the proofs.

Front Row: Kingery, Needham, Einspahr, Robertson, Graham. *Second Row:* Barnes, Riddle, Drexler, Harrington, Coyle. *Third Row:* Clay, Allen, Denmark, O'Neal, Sayers.

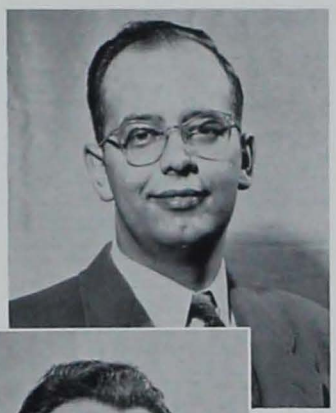
The Gander switched its editorial policy to conform with the demands of the times

GREEN GANDER

The Green Gander appeared on campus four times this year—at Homecoming, Christmas, Valentine's Day and Veishea, despite a thorough purge of "undesirable elements" in the editorial content.

James Bruce assumed the editorship of the magazine in March when Dale Kroesen graduated. Business manager was Fred Young, and Joyce Meyer served as advertising manager. Deane Robertson was managing editor and John McElhinney was associate editor. Logan Monroe acted as treasurer during the year.

The Green Gander is published jointly by Sigma Delta Chi and Theta Sigma Phi, men's and women's professional journalism fraternities. Prof. J. W. Schwartz was faculty advisor and was a member of the publication board with Prof. Katherine Goeppinger, Joyce Meyer, Sue Menne, Dale Kroesen and Fred Young.



DALE KROESEN, *Editor*
FRED YOUNG, *Business Manager*

Front Row: Meyer, Young, Schwartz, Kroesen, McElhinney. *Second Row:* Monroe, Olson, Cooper, Ahern, Dunlevy, Pusey. *Third Row:* Ferguson, Hendrickson, Matthews, Harris, Day. *Fourth Row:* Bradley, Nelson, Heath, Kirkpatrick. *Top Row:* Pownall, Vogelgesang, McCormack, McCorkindale, Harlan.

Gander men study some of the finer points of the magazine.

Front Row: English, Hogrefe, Wallace, Stewart, Orlovich, Landgraf. *Second Row:* Schaffer, Gossard, Kapranos, McConn, Krenek, Brogotti. *Top Row:* Stough, Dunlevy, Blythe, Fox, McLaren, Hanzelin.

The Sketch editorial board makes plans.

A trophy was awarded the residence house making the best record in Sketch sales

MARGRET WALLACE, *Editor*
NANCY STEWART, *Business Manager*

SKETCH

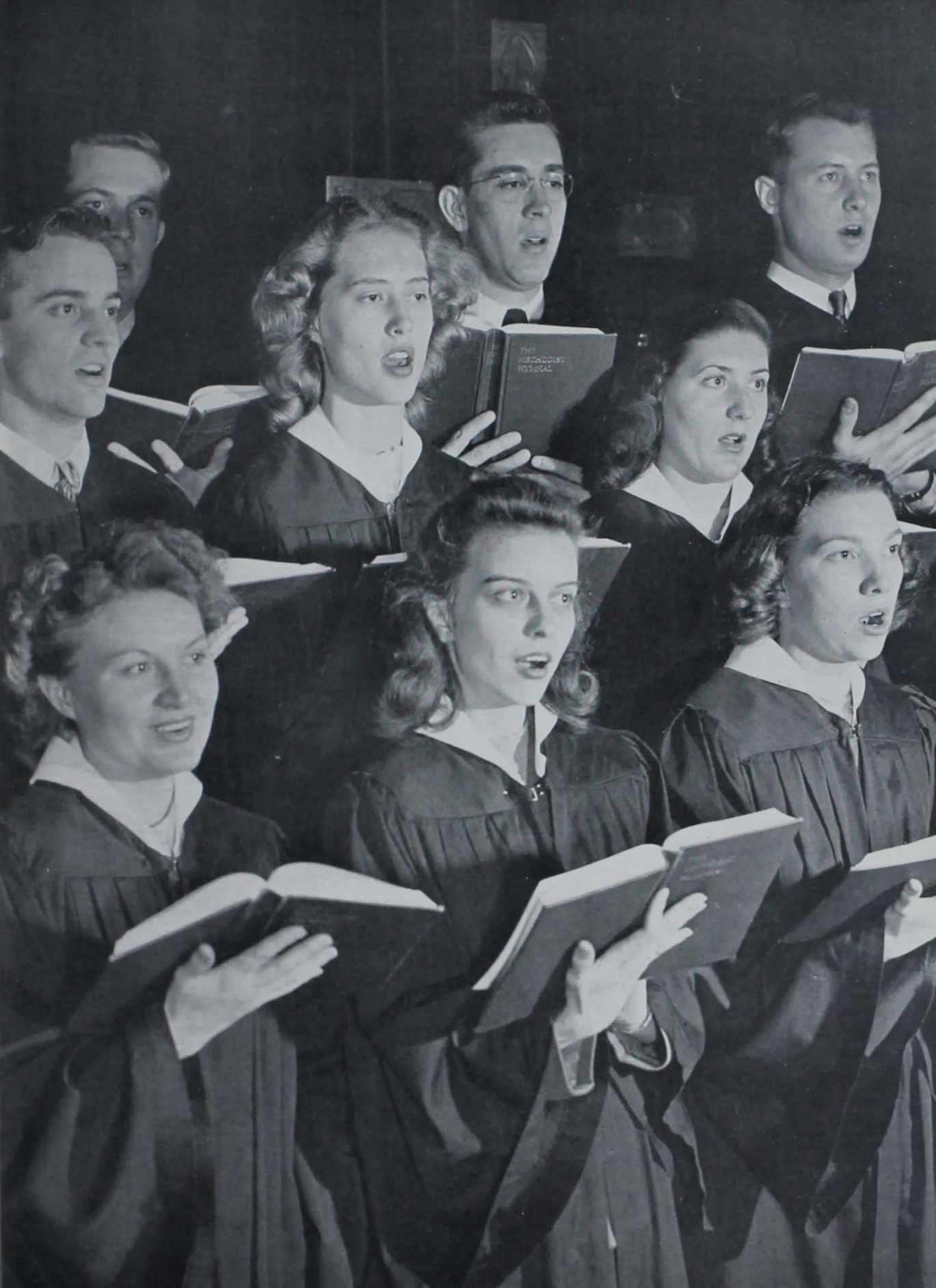
Sketch, the magazine of student creative writing, was headed by Editor Margret Wallace and Business Manager Nancy Stewart during the past school year.

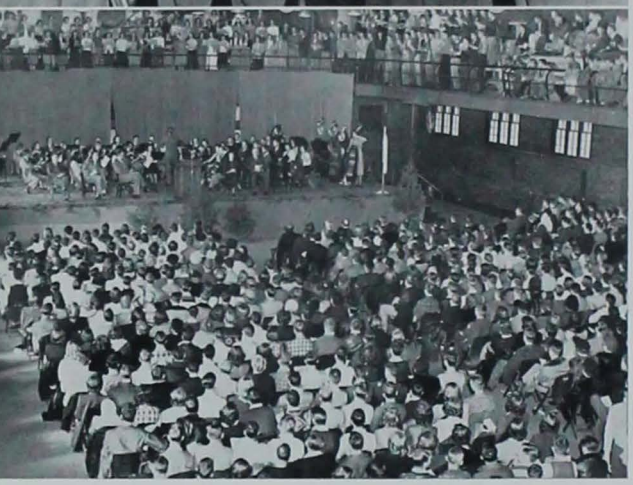
With Jean Robertson as sales manager, Tom English as chairman of the publication board and Dycie Stough as art editor, the staff published three issues of the magazine.

Original poems and prose were contributed to the publication by literary-minded students throughout the year. The staff carefully selected the best as examples of Iowa State's creative work.

Highlights of the year included the Books and Cokes series, and a supper with Robert Root, first editor of *Sketch*, as guest.

In an effort to increase readership the magazine sponsored a sales contest. A permanent trophy was awarded to the winner.





Upper: *Dean Helser and John Edenburn supervise as Juliann Barker greets Rev. Alexander.* Lower: *Religion in Life Week opens as students pack gym for morning convocation.*

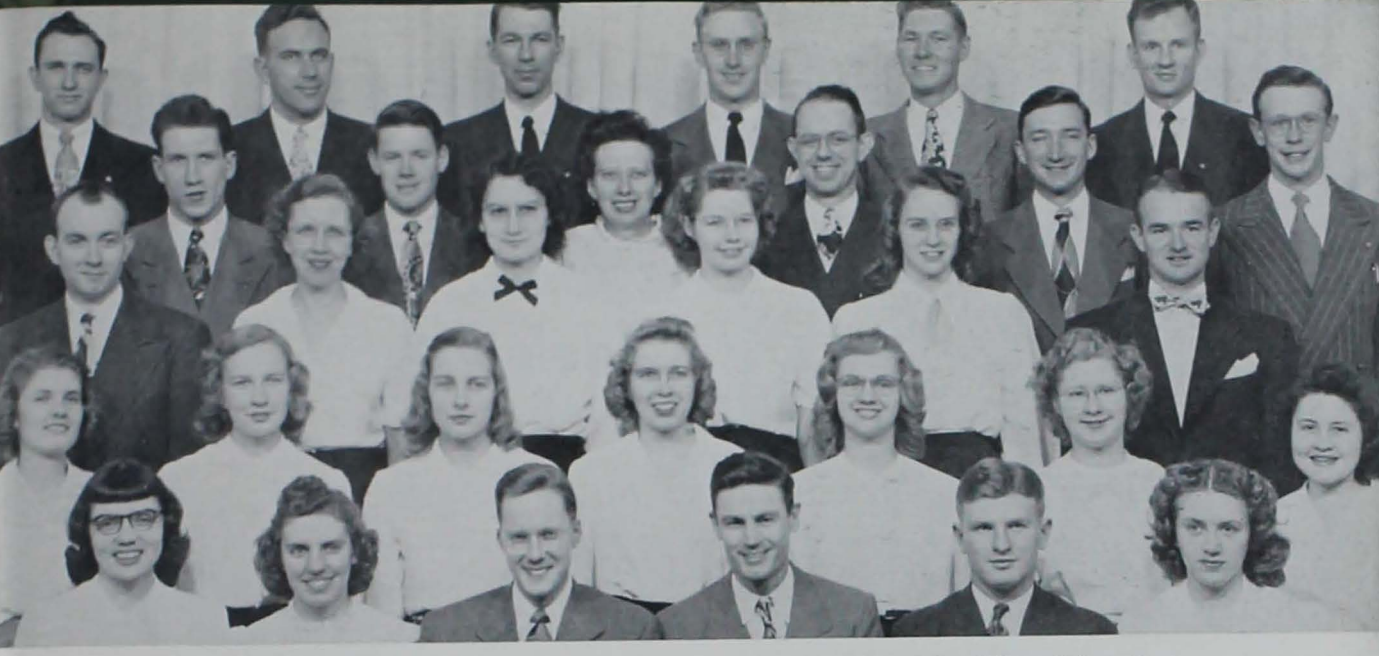
RELIGION IN LIFE WEEK

The 1949 Religion in Life Week, featuring the theme of Technical and Applied Christianity, was opened by the traditional All-Out-to-Church-Sunday. Dr. William Alexander, of the First Christian Church of Oklahoma City, was the main speaker for the week. Dr. Alexander is well known throughout the country for his church work with young people.

Radio station WOI broadcast religious matins each morning of the week and early morning chapel services were held each day in the South Ballroom of the Memorial Union.

A new feature of the 1949 Religion in Life Week was the personal conferences held after the evening convocations by Dr. Alexander for students who wished to attend. Informal discussions were also conducted by faculty members and local churchmen at all campus residence houses.

Front Row: Gatz, Pangborn, Edenburn, Wells, Armann. *Second Row:* Brogotti, Lund, Bretnall, Sorenson. *Top Row:* Storm, Walker, Anderson, Smith, Skjerseth.



IVCF—*Front Row:* Wahls, Coull, Nelson, R. Strayer, Stevens, Hemmings. *Second Row:* Raffety, Osborne, Roberts, D. Strayer, H. Brandt, S. Segerstorm, Laskowske. *Third Row:* Green, H. Johnson, Van Der Kamp, L. Segerstrom, R. Johnson, L. Brandt. *Fourth Row:* Gerboth, Moffitt, Daufeldt, Wallen, Nixon, Hesse. *Top Row:* Van Loh, Ranney, Stolp, Dreessen, Anderson, Fjare.

IVCF

David Nelson headed the Inter-Varsity Christian Fellowship during the past year. Other officers were Edwin Stevens, vice-president; Ruth Martin and Faye Wahls, secretaries; and Don Hesse and Earl Strayer, treasurers.

As in the past the Iowa State chapter continued to serve its purpose of uniting Christians. The Saturday evening programs included guest speakers, panel discussions and Bible studies.

INTERFAITH COUNCIL

Interfaith Council continued to promote student interest in religion this past year with its monthly vesper services and chapel services every week.

The group listed among its many activities Religion-in-Life Week, the World Student Service Fund and ISCon, an ecumenical conference.

The council is composed of two delegates from each church group on campus. Four committees handled this year's projects.

INTERFAITH COUNCIL

Front Row: Gatz, Combellick, Coons, Gates. *Second Row:* Bredahl, Brogotti, Rexroat, Fortman, Eis. *Third Row:* Pangborn, Maifeld, Carlson, Schneider. *Top Row:* Edenburn, Jeske, Galloway.

Kappa Phi and Delta Sigma Theta joined the offering a full religious and social life at ISC. A score of delegates were sent to

WESLEY FOUNDATION

Kappa Phi and Delta Sigma Theta cooperated with the Wesley Foundation in providing an organized program for Methodist students on campus.

The forty members of Kappa Phi, women's Methodist fraternity, met twice a month. At these meetings the members planned their programs of religious and social activities.

During the Christmas season the group sponsored the "Living Madonnas," a living portrayal of famous paintings. They have for their purpose the development of Christian leadership in the church of tomorrow.

The Iowa State chapter of Delta Sigma Theta, a national Methodist fraternity, is one of nine located in this country. The organization's aim is the promotion of fellowship among the Methodist preference students in both spiritual and social aspects.

Officers for the past year were Melvin Frohardt, president; Wallace Nannings, vice-president; Mark Campney, chaplain; and Neil Prueitt, treasurer.

KAPPA PHI

Front Row: Briggs, Mead, Nichols, B. Meyer, Hedric, Colvin, Held. *Second Row:* L. Meyer, Rosewall, Belknap, Dudley, Birkett, Miller. *Third Row:* Sickles, Neven, Eppelsheimer, Olson, Feldt, Place, Hull. *Fourth Row:* Auten, Andersen, Nelson, Rossiter, Hall, Bartow, Sands, Rogde. *Top Row:* Thorp, Mewes, Jacobs, Ehlert, Roskens, Worth, Weinert.

DELTA SIGMA THETA

Front Row: Graff, Nanninga, Frohardt, Prueitt, Grayston. *Second Row:* Rystrom, Gauger, Iehl, Parish, Ruhr, Allen, Bradley. *Third Row:* Delahooke, Cox, Hilliard, Copeland, Udoh, Case. *Fourth Row:* James, Vaughan, Gish, Clement, Terpstra, Vandervelde, Adams. *Fifth Row:* Severin, Plock, Habeger, Rossifer, Bivens. *Top Row:* Siedelmann, Rohlf, Swanson, Smith.

Wesley Foundation in
to Methodist students
ecumenical meetings.

The Wesley Foundation held as its purpose the growth of the individual in Christian fellowship, understanding and service. To meet these ends the group sponsored worship services and suppers for its members during the year.

The basement of the new student center was opened for the first time fall quarter with a party for freshmen.

The presentation of a play each quarter by the Wesley Players was one of the Foundations's many activities.

Upper: *Wesley Foundation prepares for evening services.*
Lower: *Group singing at a Methodist youth meeting.*

Front Row: Collier, Walker, Rev. Nichols, Mrs. Nichols, Salisbury, Jones. *Second Row:* Winslow, Reigle, Anderson, Weinert, Colvin. *Third Row:* Brogotti, Tyler, Clark, Dudley, Sands, Parkhill. *Fourth Row:* Kline, McNeley, Maley, Hilliard, Coons. *Top Row:* Siedelmann, Frohardt, Shoenhair, Sperring, Linder, Spies.

Eleanor Breckenridge supplies Shirley Morford with an identification tag at a Westminster Fellowship gathering.

WESTMINSTER STUDENT FELLOWSHIP

The Westminster Student Fellowship presented programs for its members aimed to give a better understanding of the Bible and the Christian faith.

The social program for the year began with a welcome party for new students in the fall, followed by hayrides and square dances. The biggest social event was a carnival for the foreign students on campus.

The Fellowship served others through their contributions to CARE, WSSF and the mission work of the Presbyterian Church. Officers for the past year were Arthur Hibray, president; David Walker, vice-president; Florence Burrows, secretary; and Carroll Eden, treasurer.

Westminster Student Fellowship stressed leadership, education and help for others

Front Row: Eden, Manuel, Hibray, Burrows, D. Walker. *Second Row:* Sorenson, Strayer, Knapp, Davies, Anderson, Morledge. *Third Row:* B. Walker, Beebe, River, Hubbard, Tappen. *Fourth Row:* Huston, Hermann, Sloan, Liljedahl, True, Cude. *Fifth Row:* Tuttle, Higby, Maufeld, Gates, Covert. *Top Row:* Johnson, Galloway, Roorda, Savage, Magill.

GAMMA DELTA

Knowlege and service, the interpretation of Gamma Delta, was applied by the student members on the campus. A member of the National Association of Lutheran Students, the Theta chapter at Iowa State followed a full yearly program of activities, centered around Memorial Lutheran Chapel.

Under the guidance of Pastor Martin H. Mueller and the student secretary, Lois Ann Meyer, the members worked together to plan a well balanced program of social, religious and fellowship activities.

Regular vesper services each Sunday afternoon preceded the evening supper and meeting of the group in the church parlors.

Upper: *Gamma Delta Christmas party provided gifts for everyone.* Lower: *Nothing like a jolly initiation to keep people happy.*

A strong chapter of Gamma Delta provided informal meetings for Lutheran students

Front Row: R. Timm, P. Timm, Kohnke, Meyer, Rev. Mueller, Mrs. Mueller, Dankenbring, Sievers, Eickelberg, Burmester. *Second Row:* Schweer, Studt, Linduski, Bohn, Schreiber, Clausen, Mahannah, Jobst, Jacobs, Goecker. *Third Row:* Nehls, O. Tschopp, Vokt, Hattendorf, Molbe, R. Mueller, Hartwig, Marten, Gesell. *Fourth Row:* Pothast, Bombach, Schmidt, Luckow, Pearey, Feldt, Hibbing, Gudmundson, Swanson. *Fifth Row:* Dolph, Hagen, Hampton, Kellenberger, Otto, Ross, Denny, Huedepohl, L. Sunderman, Blume, Edwards. *Top Row:* Friedrich, Kunkel, H. Tschopp, Maass, Lage, Jeske, O. Sunderman, Freund, Glaser, Luppen.

Front Row: Sturtevant, Cook, Farrington, Johnson, Wells, Bean, Brooks, F. Bennett. *Second Row:* Jeffrey, Martin, Jensen, Brown, Funkhouser, Wildemuth, L. Hammond, Lyle. *Third Row:* Waggaman, Barger, Burtch, D. Hammond, L. Bennett, Stevens, E. Eggerman. *Fourth Row:* Pangborn, M. Martin, Robinson, Hicks, Rathbun, Dyslin, I. Wildemuth, Fairly. *Fifth Row:* Holliday, L. Edwards, H. Edwards, Todd, R. Rathbun, Waltz, Riggins, Hodges. *Top Row:* Buchanan, Hanson, Cupp, Deaton, Merriam, Nelson, Eggerman, Burdick.

Roger Williams Club supplemented social and religious wants of Baptist students

Baptist students' party featured service with a song.

ROGER WILLIAMS CLUB

The Roger Williams Club continued to serve as a spiritual and recreational outlet for the Baptist students with its regular Sunday evening programs, a Sweetheart Banquet, square dances and buffet suppers.

Through its many activities the club strove to fulfill the students' religious needs on campus, to develop church leadership and to promote fellowship.

Howard Johnson served as president for the past year and Dan Bean as vice-president. Dr. Ronald Wells was the advisor for the group.

NEWMAN CLUB

The Newman Club at Iowa State grew rapidly during the year. With the increase in membership its aims of promoting fellowship among Catholic students and furthering the good will already existing between Catholics and non-Catholics were further extended.

As part of the club's social program the group sponsored mixer and date dances, a box social, picnics and the annual formal dance.

Members of the Newman Club helped this year's retreat to be a great success and promoted religious discussion groups. The erection of a new chapel and student center was begun this year.

Upper: *It's all in the way you tilt your nose as Newman Club shows what college will do for you.* Lower: *Old Man Claus trips the light fantastic at a Christmas gathering.*

A new Catholic student center and chapel were begun to meet growing need for space

Front Row: North, Garvin, Aplan, P. Jacobs, Olmstead, Stritzel. *Second Row:* Shellberg, M. Jacobs, McDonald, Rohner, Bonoff, Mueller, McGinn. *Third Row:* Hartwig, Fortman, Gallagher, Byrnes, Dunn, Rychnovsky. *Fourth Row:* Manderscheid, Haselton, Neuman, Burke, Peiffer, Dockendorf, Tamashunas. *Top Row:* Bergquist, Sweeny, Peterschmidt, Nuti, Anderson, Bleyhl, Cooper.

Front Row: Youngquist, Rethwill, Sells, Alton, Peterson, Rossman, Queensland, Webber, Anderson. *Second Row:* Fernsell, Hahn, Field, C. Carlson, Korslund, Hoffman, Rierson, Fox, Arrasmith, Holtan. *Third Row:* Dohrer, Kruse, Knutson, V. Larson, Gatz, Rugtiv, Kitzelman, Falh, Brunsvold. *Fourth Row:* Sachs, Sudhoff, Barker, Stoen, Rorem, Ahlgren, N. Henriksen, M. Carlson, Jensen, Naig. *Fifth Row:* J. Nelson, Roisen, Strandberg, J. Olson, Grabe, D. Henriksen, Nasby, Tinderholt, Swanson. *Top Row:* W. Olson, Schellberg, Swenson, Rosen, Ahlrichs, Fleming, Scherman, Nyman, Hultquist, M. Nelson.

Lutheran Student Association extended help to student friends in foreign lands

LUTHERAN STUDENT ASSOCIATION

During 1948-49 Lutheran Student Association members were kept in contact with the problems of students abroad by visits from Finnish and German student leaders. The LSA raised $400 for foreign relief.

Big project of the year for the LSA was "adopting" the University Erlangen in Germany. Members of the LSA sent CARE packages, clothing and letters to their German student friends.

In January the LSA'ers sponsored their annual Smorgasbord. All Lutheran foreign students on campus were guests of honor.

Upper: *LSA members turn out bulletins on the new mimeo machine.* Lower: *Food served with a Scandanavian atmosphere at an LSA meeting.*

Front Row: Bandon, Hammerly, Murphy, J. Pilgrim, Simonson, Bredahl. *Second Row:* Eggert, Meyer, A. Nelson, Wolfe, Frush, F. Fitch, D. Pilgrim. *Third Row:* Chase, Bartrug, Scoles, Benson, Ahlstrom, Brown. *Top Row:* Berryhill, Genskow, Gillespie, Butler, Walther, Combellick, D. Fitch, C. Nelson.

Frisbie Fellowship sponsored a breakfast and Easter sunrise service for members

FRISBIE FELLOWSHIP

Frisbie House served as a home away from home for Congregational students and for Evangelical and Reformed preference students at Iowa State. Miss Alice Murphy acted as house director for the group.

The Frisbie Fellowship is a member of the Iowa Congregational Christian Student Fellowship and participates in state conferences and activities. Discussion groups were held each Sunday morning and devotions and special programs in the evening.

James Pilgrim headed the group as president. Harriet Hammerly was vice-president; Carol Simonson, secretary; and Donald Bandow, treasurer.

Upper: *Cotton snowballs blocked the view at Sigma Eta Chi Christmas party.*
Lower: Sigma Eta Chi—*Front Row:* Frush, Speer, Murphy, Simonsen. *Second Row:* Nauman, Hammerly, Fitch. *Top Row:* Wolfe, Hoogeveen, Klopping, Benson.

Front Row: S. Miller, Medalie, Caplan, Shapiro, Wintroub. *Second Row:* Press, Silverberg, Feldman, Fitzsimmons. *Third Row:* J. Miller, Port, R. Rosenberg, T. Miller, Sclarow. *Top Row:* S. Rosenberg, Bear, Lepp, Musin.

Informal chat session at Hillel meeting.

HILLEL

The members of B'nai B'rith Hillel used their weekly programs to combine social and cultural interests. The Hillel Players became an active group spring quarter.

At the annual Memorial Day picnic awards were given to students for outstanding service to the group.

Beatrice Shapiro was president; Richard Caplan, vice-president; Esther Medalie, treasurer; and Sol Hoffman, secretary.

CHRISTIAN SCIENCE

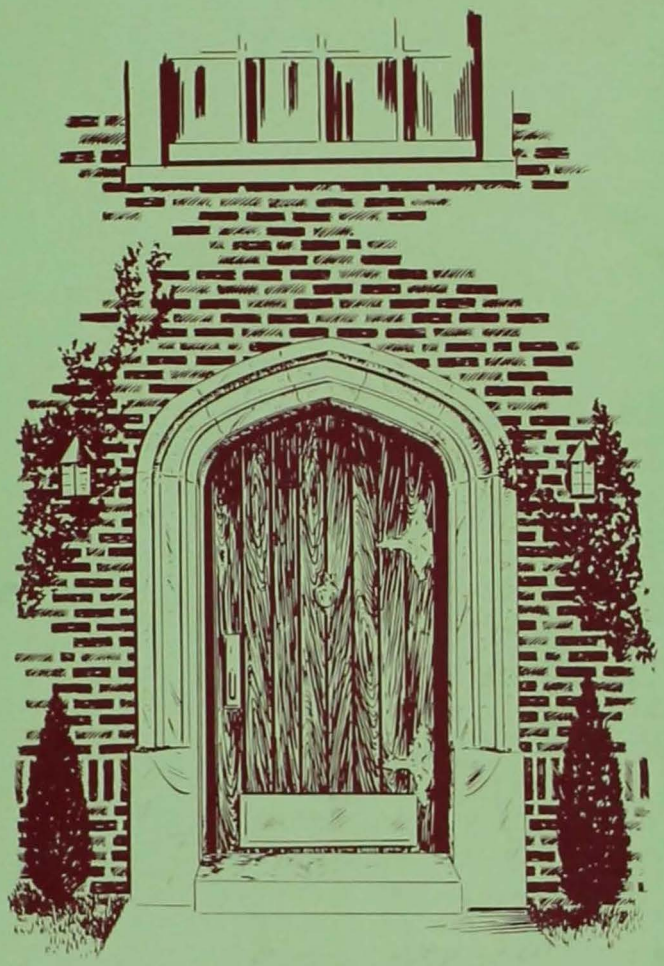
Sunday night supper in the Union after their organization meetings brought Christian Science students together each week.

Don Glasell, president of the group, was assisted by Irene Post, reader; Charlotte Brohms, corresponding secretary; and Barbara Bates, recording secretary.

Picnics and the annual Christmas Fireside were supplemented by bowling parties and the toboggan party winter quarter.

Charlotte Broms goes for an elevator ride at Christian Science Christmas party.

Front Row: Bates, Post, Glasell, Anderson. *Second Row:* McClusky, Merrell, Young, Kirby, Hollingshead. *Third Row:* Steffan, Binder, Halverson, Zitzewitz. *Top Row:* Bettes, Mortimer, Ahrens, Cox, Edwards.



Book 4

CAMPUS HOMES

Among the lasting memories of college life are those that grow from the friendships formed in campus homes. With the Ward System for men in private homes, eight women's dormitories and a Town Girls Club, forty social fraternities and with the

recent formation of the Men's Residence Association for men in Friley Hall, Hughes Hall and the cottages, Iowa State is well equipped to give the student a closely-knit group to which he can feel he really belongs. Campus homes at Iowa State College provide the framework and the starting point for a variety of campus activities. The intramurals program, social functions, Sor-Dor and Sinfonia Sing, Varieties and even scholarship depend on the keen competitive spirit between the houses.

Upper: *The Irish washerwoman, Pammel style.* Lower: *The co-op grocery serves Pammel Court residents.*

PAMMEL COURT

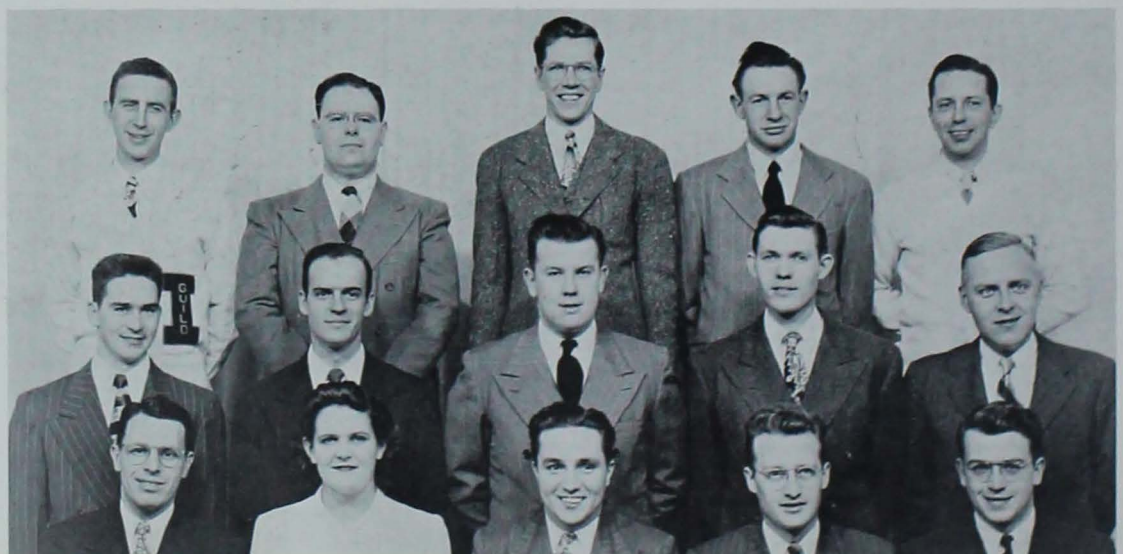
The city within a city, Pammel Court, now boasts of having more babies per acre than a maternity ward. The city's adult population increased during the year too. Approximately three hundred families "graduated" from the court during the year and new faces took their places, bringing the estimated population up to 3,600.

When the government formally turned the operation of the housing project over to the college last fall, it became possible to put an adjusted rent schedule into effect. This schedule, based on the operation and maintenance charges for the project, meant good news in the form of lowered rent for many of the residents.

When cold weather drove rats into the court in increasing numbers from the dump north of the housing project, some 75 Volunteers undertook a vigorous "anti-rat" campaign which met with good results.

Pammel rents dropped as management was taken over by the college administration

Front Row: Miller, Mrs. Frush, Doty, Burnham, Fye. *Second Row:* Brannan, Johnson, Jones, Ehlert, Voter. *Top Row:* Edenburn, McCulley, Hummel, Clingman, Bailey.



Four volunteers at the Pammel Court Christmas party.

Some married students tell jollies, some smile, some just sit.

A lively controversy was waged in Pammel which ended in a ban on pets in the area

Thirty-nine more apartments were erected in the area surrounding the nursery school to provide housing for faculty members and their families. This year saw the completion of the court's building program. Although the requests for housing still exceed the supply each quarter, college authorities believe that the housing shortage for families at Iowa State has passed its peak.

The court's governing body, the council, functioned ably during the year under the direction first of Mayor John Edenburn and later William Doty. Because of the increasing number of students living in the court, Cardinal Guild increased Pammel's representation on the guild from one member to three. At a general election, the court's voters chose Merritt Bailey, Don DeRoos and John Edenburn as guild repersentatives for 1948-1949.

The Student's Cooperative Grocery boasted nearly one thousand members and declared a winter quarter dividend of 4.83 percent, the highest paid in the history of the store.

Pammel Court dance chairmen tune up the "orchestra" for the "February Finale."

"Which way do I go?"

During the fall and winter the question of whether pets should be permitted in the court assumed major importance. A vote taken in the fall indicated that a majority of the residents did not want pets in the court. However, the pet owners formed a strong lobby at the next court election and voted five of their own adherents into office on the council.

During the summer the council sponsored open air movies each Saturday night. The movies were frequently older than some of the audience that saw them, but everyone including the mosquitos, who also attended, had a good time. The movies were shown without charge in the area near the recreation hall.

The recreation hall which is a nursery by day, was the scene of many parties for the married couples in Pammel. The lucky ones who attended often "shared" baby sitters between homes or other couples offered to sit with the children. Most remembered were the Halloween Party and the Christmas Party.

The younger set of Pammel Court society gets the lowdown on Santa Claus.

Panhellenic Council promoted Panhel Days featuring a banquet for 756 Greek women

Panhel Council members get down to work.

PANHELLENIC COUNCIL

Organizing the first Panhellenic Days at Iowa State kept the members of Women's Panhellenic Council busy winter quarter. Representatives from each of the eleven national sororities on campus attended the meetings on rushing policies, alumnae organizations and social activities of college life. A formal dinner for over 700 Greek women climaxed the meeting.

The council met every two weeks to determine the policies for campus women's groups. Mrs. Doris Hoppenrath was faculty advisor, and Joyce Edgar served as president.

Front Row: Mrs. Ohlsen, Mrs. Morrison, Mrs. Hoppenrath, Edgar, Mrs. Summers, Larsen. *Second Row:* Wright, Mooney, Thurlow, Lacy, Lidell. *Third Row:* Beach, Hendrickson, Miller, Johnston, Hudson, Paulu. *Fourth Row:* Fincham, Pray, Bond, Adams, Mukin. *Top Row:* Morris, Graff, Bretnall, Ory, Robinson, Buerkens, Peyer.

Pledge Council planned coffee hours to foster cooperation among pledge groups

SORORITY PLEDGE COUNCIL

Coffee hours in the various sorority houses during fall and winter quarters were planned by the Sorority Pledge Council. The group, meeting every two weeks, was composed of the presidents and one representative from each of the eleven pledge classes. Ruth O'Brien, president of the Pledge Council was assisted by Barbara Thurlow, advisor from the Pledge Trainer's Council.

The group made suggestions to the Women's Panhellenic Council and presented a trophy to the pledge class having the highest scholastic average.

Pledge Council discusses pledge policies and activities.

Front Row: Purcell, Soderberg, O'Brien, Thurlow, Barnard, Baylor. *Second Row:* Finn, James, Nutt, Williams, Houlihan, Fischer. *Third Row:* Gilson, Neff, Blahnik, Pote, Majcen. *Top Row:* McClaughry, Culbert, Smoak, McCormack, McKean, Beck.

Upper: *ADPi sculpturettes put the finishing touches on their prize winning statue.* Lower: *Is everybody happy? Look, no eyes.*

Alpha Delta Pi won the Carnival snow sculpture. worked industriously on

2125 Greeley

Founded 1851
Local 1922
69 Chapters

ALPHA DELTA PI

Harvest Ball Queen Norma Stong and Honorary Cadet Colonel Betty Nielsen were among the many ADPi's who had their finger on the pulse of campus activities. Norma was decorations chairman for the Veishea horse show and for the Block and Bridle banquet. Naomi Lebey was another member of Block and Bridle. Norma and Annette Rethwill were vocalists from the ADPi house. They belonged to Glee Club, Chorus and Iowa State Singers.

Home Economics Clubs and Science Women's Club had many ADPi's in their active memberships. The chapter was one hundred per cent in "Y," Virginia Day was secretary of the WAA Council and several of the girls were in various sports clubs.

sweepstakes trophy for their Winter Sports Two ADPi's were beauty queens and others publications, committees and organizations.

ADPi's were especially active in journalism. Louise Brooks, Virginia Day, Janet Dunlevy, Patricia Smith and Joyce Meyer lent their talents to the *Iowa State Daily*. Joyce, Louise and Janet also were on the *Iowa Homemaker* staff. Janet could be found in the *Bomb* or the *Green Gander* office and was a member of Writers' Round Table.

On the Green Gander Janet worked with Virginia Day and Joyce Meyer. Virginia was a reporter and ad salesman for the *Scientist* as well. Members of Radio Workshop were Dorothy Lacy and Patricia Smith. Joyce La Fontaine and Joyce Siede contributed to the *Freshman Handbook*.

Connie Cole was a feature writer for *Sketch* and Virginia Day reviewed a book during Books and Cokes. Cheerleader Lois Manny was active on the Nebraska Migration committee and the publicity committee of Homecoming and Veishea. As a Twister, Joan Knott helped Lois keep up the school spirit.

The ADPi's actively supported their church groups. Bette Fortman was a representative on Interfaith Council and helped put over the drive for the World Student Service Fund.

The Alpha Delta Pi's annual winter formal, "Snowtime," was preceded by a dinner at Boone.

Front Row: E. Manny, Hoelscher, Morris, Hartmann, C. Wixson, Millard, Harman, B. Nielsen. *Second Row:* Curtis, Day, Meyer, Christ, Root, Brooks, Smith. *Third Row:* D. Cole, Farrell, Fortman, Johnson, Whitehill, Dunlevy, LeBey. *Fourth Row:* Lacy, Beam, Grant, Knott, Nelson, Lister, C. Nielsen. *Top Row:* Swanson, L. Manny, Moore, Rethwill, C. Cole, Stong, A. Wixson, Esthus.

AGD won first place for their Homecoming decorations and claimed Junior Prom Girl

2118 Sunset

Founded 1904
Local 1922
61 Chapters

ALPHA GAMMA DELTA

As returns from Home Economics Club elections came in this year, the Alpha Gams were on top with Vivian Mukin, president, Ruth Van Roekel, secretary, and Doris Pangborn, treasurer. Dorothy True was active on Home Ec Council.

The science women were not to be outdone for three AGD's were officers of Science Women's Club and Janet Wilkerson was secretary of Science Council. Vivian Mukin, who received the Danforth Scholarship, was tapped for Mortar Board.

Pat Hussey cuts while Alpha Gam sisters make sure it doesn't get away.

The AGD formal, "Snowflake Flurries."

Front Row: Rhodes, Brown, Larsen, Mrs. Mauck, Nolting, Cody, Heidler. *Second Row:* Hill, Gray, Burns, Rest, Lloyd, Luehr, Brogotti, Scott. *Third Row:* Veatch, Van Roekel, Butterfield, Wilkerson, Williams, Hohenshell. *Fourth Row:* Pangborn, Gossard, Bisson, Halverson, Tyler, Mukin, Staly. *Fifth Row:* Booth, Bronson, Ritchie, Walther, Fox, Lewellen. *Top Row:* Hussey, Pittman, Lansing, Kleen, True, McKig, Sogard.

Alpha Gam's were leaders in Mortar Board, Home Economics and Science Women's Clubs

Cooperation and hard work brought home the first place trophy for Homecoming house decorations for the second consecutive year. Ruth Van Roekel was attendant to the Homecoming Pep Queen and an active member of Cheer Squad.

The Alpha Gams had one hundred percent membership in either Home Ec or Science Women's Clubs and the YWCA. Chris Brogotti was a "Y" cabinet member.

Omicron Nu, Phi Sigma Chi and Delta Phi Delta claimed several Alpha Gams and four AGD's were members of Sigma Alpha Iota. The musical Alpha Gams had five members in band, three in orchestra and eleven in chorus and Glee Club.

Junior Prom Girl, Doris Pangborn, is a member of Phi Upsilon Omicron. Other Phi U members include Eunice Larsen, Elsie Brown, Vivian Mukin and Lisabeth Nolting. Lisabeth was publicity chairman of Social Bureau.

Betty Fox, editor of the *Rushing Handbook*, was campus home's editor for the *Bomb*. Other Alpha Gam's interested in journalism were Mary Hill and Mary Alice Halverson. Mary Alice was chairman of state-wide publicity for Veishea. In WAA, Jo Gray and Lila Lansing were on Intramurals Board and Jeanne Heidler received her "I."

Alpha Gams entertained their dates at their annual fall hayride and their formal, "Snowflake Flurries."

Two Chi Omega beauties were attendants to Queens. Chi O's wore Mortar Board caps and active in other honoraries, divisional clubs

227 Gray

CHI OMEGA

Believing that activities combined with studies make a well-rounded college life, Chi Omega's added their bit to scholastic honoraries and campus beauties.

Nine Chi O's are members of Phi Upsilon Omicron while other sisters are active in Theta Sigma Phi and Omicron Nu. Mary Johnston was president of Delta Phi Delta.

Ruth Peyer was the Panhel representative to Cardinal Guild and other sisters were in divisional clubs and Home Ec Council.

Front Row: Edwards, Nelson, Mohr, Mrs. Evans, Paulu, Johnston, N. Baker. *Second Row:* Forsyth, Longley, Wineinger, Parsons, Henkle, Hopkins, Larson, Mc Intosh, Morford. *Third Row:* Lester, York, Marcusen, Smiley, Peterson, Williams, Wiernsberger. *Fourth Row:* Haxby, Hardy, Schwen, Worden, Day, Petker, Swiedom, Worswick. *Fifth Row:* Jones, Peyer, Weber, Densmore, Searl, Webber, Wester, Silletto, Myers. *Top Row:* Simmons, M. Baker, Broms, Wood, Lougee, Robinson, E. Breckenridge, J. Breckenridge.

the Veishea Queen of
gowns and many were
and campus publications.

Founded 1895
Local 1922
104 Chapters

Upper: *Mr. and Mrs. Burgraff, behind the big smiles, look like the happiest couple on the floor.* Lower: *Mary Jo Myers apparently gets quite a kick out of coffee and wafers.*

Mary Ann Paulu and Roberta Mohr were tapped for Mortar Board. Mary Ann, who served as vice-president of Sigma Alpha Iota and the orchestra, received the Music Achievement award. She is also a member of Pi Mu Epsilon.

A Chi O could always be found in the Press Building. Nancy Baker, who received a journalism "I" award, was elected editor of the *Iowa Homemaker*. Working with her on the staff were Jo Ann Breckenridge, Barbara Parsons, Kathie Williams, Ann McIntosh and Charlotte Broms.

Jode Breckenridge proved her journalistic talent as editor of the *Freshman Handbook*. *Bomb* workers included Joyce Wineinger, Jeanne Larson and Pat Hardy. Kathie Williams, Helen York, Jean Simmons, Barb Forsyth and Jode Breckenridge were active in Radio workshop.

Lending beauty to campus life, Joyce Wineinger and Connie Roberts were Attendants to the Veishea Queen of Queens.

Upper: *The chow line forms at the Tri Delt fall formal.* Lower: *Sophisticated collegiate socialites pose for an informal portrait*

Juliann Barker presided Delts in honoraries and posts on publications,

302 Ash

Founded 1888
Local 1889
93 Chapters

DELTA DELTA DELTA

Ability, popularity and talent combined to make a Tri Delt chapter that was active in all phases of campus activities. Tri Delta added two trophies to their collection, the scholarship cup and the second place trophy for Variety Skits. Juliann Barker was a Veishea Queen Attendant.

Tri Delt journalists held positions on most campus publications. Staff members of *Sketch* were Marie Kapranos and Peggy Krenek while Chris Thomson, Emogene Olsen and Peggy worked on the *Iowa Homemaker.* Joan Weinhardt had a byline in the *Iowa State Daily* and Emogene was on the *Green Gander* staff. Mary Laub, Pat Peterman and Emogene held positions on the *Bomb.*

over Mortar Board and YWCA to lead other Tri divisional clubs. Delta Delta Delta's held Home Economics Council and the WAA program.

Science women in the Tri Delt house were active in many science activities. Jean Zink, member of Science Council, was a representative to Cardinal Guild and Pat Peterman was secretary of the board of directors of ISSIE.

Other talented Tri Delts were Betsy Snyder, member of Writer's Roundtable and Iowa State Players; La Vonne Angstrom member of Radio Players and Ann Fowler who participated in the Radio Workshop.

Sports was another phase of campus activity that the Tri Delts enjoyed. Naiads, Dance Club, Archery Club, Bowling Club and Camp Counselors all had Tri Delt members. Pat McKee was on WAA Council and Dorothy Rosen, member of Cheer Squad, represented the Tri Delts in varsity sports.

Home Economics Council members were Jinx Glasener and Chris Thomson. Curriculum Committee members were Maralyn Lister, Peggy Krenek and Juliann Barker.

Juliann, Tri Delt president, also presided over Mortar Board and YWCA and is a member of Phi Upsilon Omicron along with Jo Campbell, Jinx Glasener and Ruth Hackett. Mortar Board and Theta Sigma Phi also claim Ruth Hackett. Omicron Nu member is Joan Kilty and Jane Thomas is a member of Delta Phi Delta.

Front Row: Schmielau, P. McKee, Peshek, Mrs. McKee, Jones, Pray, Bland. *Second Row:* Campbell, Hieronymus, Hollowell, Kilty, Krenek, Porter. *Third Row:* Gilchrist, Collins, James, A. Fowler, Fuller, Lister, Chapman. *Fourth Row:* Reeves, Thomson, Minnig, Daniell, Stevesson, Zink. *Fifth Row:* Laub, Trey, O'Neil, M. Fowler, Angstrom, Tubbs, Perry. *Top Row:* Peterman, Kapranos, Rosen, Thomas, Morrison.

Panhel Council President Joyce Edgar was named "Nation's Outstanding Delta Zeta"

2138 Sunset

Founded 1902
Local 1931
67 Chapters

DELTA ZETA

When DZ's gathered for the national convention last summer, Joyce Edgar was presented with a gold bracelet as the year's most outstanding Delta Zeta.

Other active DZ's included Jean Lund who was on the advertising staff of the *Iowa State Daily* and organized publicity for Religion in Life Week. Keeping their sisters up to date on YWCA activities were Margaret Schropp, Ida Rae Stocks, Nancy Johnson and Margaret Edgar, all members of the "Y" cabinet.

Delta Zeta's get hot with the iron.

Why doesn't someone give these people a tip about the mistletoe?

Front Row: Christensen, Schropp, Koors, Mrs. King, J. Edgar, Doll, Duncan. *Second Row:* Wright, Watts, Landon, Dyer. *Third Row:* Moseley, P. Johnson, N. Johnson, Thevenin, M. Edgar, Myer. *Fourth Row:* Allen, Berry, Larson, Lund, Adams, Liggett, Pierson. *Fifth Row:* Hall, Sindt, H. Nauman, Thorburn, Van Buskirk, Knoess. *Top Row:* Vigars, Eliason, F. Bosnak, Bonnewell, J. Nauman, Rosendahl, A. Bosnak.

DZ's held positions in Science Women's and Home Economics departmental clubs

Delta Zeta's social life was set in a whirl with their winter formal, "Snowflake Fantasy." A Valentine tea dance in February and the spring formal kept the DZ's on their toes.

Led by President Joyce Edgar, the DZ's shone in activities. Joyce, president of Panhellenic Council, was elected vice-president of Mortar Board. As publisher of the *Iowa Homemaker,* she kept Barbara Allen, Patricia Dyer, Margaret Edgar, Nancy Johnson, Jean Lund and Virginia Myer up to date on *Homemaker* activities.

The fall membership drive for Home Economics Club was capably handled by Dorothy Doll, vice-president of Home Ec Club. Barbara Bonnewell, Kay Koors, Helen Nauman, Ida Rae Stocks and Nancy Johnson wore the yellow and white pledge ribbons of Phi Upsilon Omicron. Active in Phi U and Theta Sigma Phi is Joyce Edgar.

The DZ's have science majors, too, and Margaret Schropp served as vice-president of the Science Women's Club.

Margaret Edgar and Marilyn Pierson topped the list of musical DZ's. Margaret was a violin soloist and Marilyn was vocal soloist during the February orchestra tour. Accompanying Marilyn in Glee Club were Ann Eliason, Margaret Edgar and Virginia Myer. Many of Frances Bosnak's and Barbara Allen's stories received by-lines in the *Iowa State Daily* this year.

Fran worked industriously in the *Bomb* office with Helen Nauman, secretary to the *Bomb* business manager.

Gamma Phi Beta's and dates danced at annual
Many were active in WAA, Science Women's
positions were held in journalism and the

318 Pearson

GAMMA PHI BETA

Presidents' gavels seem to have an affinity for Mildred Bretnall, who was president of the Gamma Phi's and Science Women's Club. She was also a member of Science Council and president of the Red Cross Executive Board.

In the athletic circle, Marian Chesling served as president of Intramurals Board and Ila Jean Hagie was active on the cheer squad. Swimming with the Naiads were Sue Hamlin, Anne Guggedahl and Kay Anway.

Front Row: Shaw, Billington, Johnston, Mrs. Morgan, Groszkruger, Burkle, Menne. *Second Row:* Guggedahl, Koch, Liek, Neal, Streeter, Lueder. *Third Row:* Blanchard, Gilbert, Anderson, Hagie, Hukill, Chesling, Thomsen. *Fourth Row:* McCulloch, McDonald, Saue, Jones, Pecaut, Day, McLean, Knapp. *Fifth Row:* Butler, Gordon, Jackson, Hird, Critchfield, Connolly, Anway. *Top Row:* Hamlin, Manker, Christopher, Rickerd, Bretnall, Phelps, Mongerson, McKee.

"Winter Magic" formal. club and YWCA. Key divisional honoraries.

Founded 1864
Local 1918
56 Chapters

Upper: *One knitter, four supervisors on a rainy Sunday afternoon.* Lower: *Look closely and guess which couple passed the five pounds.*

"Winter Magic" was the theme of the annual Gamma Phi winter formal at the Ames Country Club. The Skyliners offered music for an evening of enjoyable relaxation. Thursday nights Electa Groszkruger and Nancy Thomsen headed for the WOI studios and Radio Workshop. Theatre Workshop was represented by Jean Jones.

Members of Dance Club were Margaret McCulloch, Adrienne Rickerd and Mary Lou Butler. Mary Lou was chairman of the YWCA Discussions Group. "Y" Cabinet was well represented by Anne Guggedahl, Bobbie Knapp and Margaret McKee.

The *Iowa State Daily* claimed Arline Wiegand as society editor and Susan Menne, women's page editor. Mary Lueder served as historian of Delta Phi Delta. Sue Menne is a member of Theta Sigma Phi, and Joyce Anderson, Barbara Knapp and Margaret McKee belong to Phi Upsilon Omicron.

Upper: *Study hours are strictly maintained at the Theta house.*
Lower: *Open house at Iowa State's newest sorority.*

Kappa Alpha Theta's members holding posts WAA, publications and

2239 Knapp

Founded 1870
Local 1948
74 Chapters

KAPPA ALPHA THETA

Rush week fall quarter found the Theta's hard at work adding the finishing touches to their new home. Through the oak-paneled entrance hall to the picture window in the dining room, every detail was completed and in order.

Their open house fall quarter let many people view the modern furniture and the interior decorating done in the latest style.

Led by Bonnie Buerkens, their president, Theta began getting into campus activities and building a strong chapter at Iowa State. Peg Piaggi, vice-president and pledge trainer, spent many hours in the office of the *Iowa State Daily* as did Jean Barkley.

wound up their first year at ISC with two on the yearbook and other sisters active in Home Economics and Science Women's clubs.

Kappa Alpha Theta claimed several science students. Mary Cele Harvey, Jean Bleuer and Joan Pletch were all members of Science Women's Club.

Working out with the Dance Club was Betty Elliot. Betty seemed to like athletics for she was also a member of Archery Club. Swimming with Naiads was Nancy Wilson.

On the staff of the *Bomb* were Joan Pletch, co-index editor, and Nancy Wilson, publicity manager. Contributing to the *Iowa Homemaker* were Nancy Dinges and Molly Miller.

Glady Bartlett was on Social Council and Janet Welch with Mary Cele Harvey was active in 630 Club. Astrid Knutson served on the Publication Board of *Sketch*.

Gwen Henderson was social chairman for the Child Development Club while Nancy Dinges worked on publicity. Molly Miller, who transferred from Drake University to help establish the Gamma Pi chapter, was also a member of CD Club.

Members of Applied Art Club included Joyce Brunkow, Jane Moffet and Marilyn Wyant. Bonnie Buerkens wore the yellow and white ribbons of Phi Upsilon Omicron.

The Kappa Alpha Theta fraternity was founded at De Pauw University, Greencastle, Indiana, on January 27, 1870.

Front Row: Brunkow, Piaggi, Mrs. Layton, Buerkens, Miller, Harvey. *Second Row:* Welch, Moffet, Bartlett, Knutson, Wilson. *Third Row:* Larimer, Creelman, Leibov, Wenaas, Wyant, Pote. *Fourth Row:* Call, Pletch, Dinges, N. Barkley, J. Barkley. *Top Row:* Ferguson, Henderson, Tibbett, Bleuer, Elliott.

Their fall Theater-Dinner party and the annual winter dance kept KD's stepping

2102 Sunset

Founded 1897
Local 1908
75 Chapters

KAPPA DELTA

KD's and their dates danced in the south ballroom of the Union during their traditional "Snowball Formal" winter quarter. Entertaining their dates for the Theater-Dinner party, the KD's had spaghetti at the chapter house and then rode the bus downtown for a night at the theater.

E. Mae Hendrickson, their capable president, was on the Veishea Central Committee as secretary for Veishea of 1949. E. Mae checked the bills and counted money as treasurer of the *Iowa Homemaker*.

Two artists plus three kibitzers equals KD snowman.

Betsy March puts her hat on with hardly any supervision—This way? No, that way.

Front Row: Bleam, Redmond, Mooney, Mrs. Torrence, Hendrickson, LaRue, Mann. *Second Row:* Shoemaker, Clapp, Larson, Bloomfield, Morledge, O'Flaherty, Tappen. *Third Row:* Sullivan, Dunn, Potter, Armann, Kuetemeyer, Beardmore. *Fourth Row:* Schoenthaler, Hughes, L. Smith, Rychnovsky, H. Smith, Burnett, Harris. *Top Row:* McCortney, Hodgskiss, Lamb, Augustine, Cushman, Callow, Artus, Deutschmann.

Activity-minded KD's served in Home Ec Council, YWCA and on dance committees

Kappa Delta's who are active in honoraries include Joan Armann, Barbara Artus, Jean Burnett, Ethel Mae Hendrickson, Jeanne Mann, Betsy March, Anne Monney and Betty O'Flaherty, all members of Phi Upsilon Omicron. Dolores Larson is a member of Pi Mu Epsilon.

Science student Betty Callow was ticket and program chairman of the science dance, "Wintermezzo." Especially active was Phyll Potter, who not only was dance chairman for the 1949 Veishea, but was also chairman of the Prep-Soph ball, co-chairman for the Panhellenic Dance and assistant Homecoming Dance chairman. Phyll was also on the Science Publication Board.

Musical KD's were Doris Bleam, Anne Deutschmann, Millie Fincham, Nina Fincham, Lois Smith, Jeanne Mann and Sue Schoenthaler in Glee Club and Chorus.

Betsy March had the lead in Iowa State Players' fall production of "Naval Engagement." Sylvia Shoemaker and Carol Kuetemeyer were also members of players.

Active in departmental clubs were Sylvia Shoemaker, president of the Applied Art Club, Betty O'Flaherty and Mildred Fincham, president and vice-president of the Institution Management Club and Jean Burnett, secretary of the Child Development Club.

KD's found in journalism were Nancy Clapp, Charlie Harris and E. Mae Hendrickson on the staff of the *Green Gander*. Esther Morledge, Dolores Larson and Betty Callow helped the *Scientist* through its first year.

As plans for a new house were being made, pledge scholarship and Veishea Parade Float ISC's Homecoming Pep Queen, Mirm Keilman

128 Lynn

KAPPA KAPPA GAMMA

The fall tea honoring their new housemother, Mrs. Meta Sigmond, started the KKG's social activities for 1949 and was quickly followed by the "Kappa Circus," their fall house-party. Informal house dances and open houses after football games completed the list.

Chairmen on all-campus committees were Dee Crawford, Jane Bown, Mary West and June Polson. Jeanne Hudson was chairman of Panhellenic Days.

Front Row: Williamson, Hinkly, Luhnow, Hudson, Mrs. Sigmond, Caldwell, Thurlow, Miller. *Second Row:* Joslyn, Gaylord, Fidlar, Teich, Shields, Wadsworth, Humphreys. *Third Row:* Stover, Zulauf, Wagner, Keilman, Welch, Palmer. *Fourth Row:* von Ach, Carlson, Warfield, Heinz, Mitchell, Thomas, Stone. *Fifth Row:* Stewart, West, Martin, McLaren, Keenan, Polson. *Top Row:* Mayer, Hoersch, Hamer, Graff, Crawford, Sharp, White.

KKG's won the annual trophies. Chosen to be wore the Kappa Key.

Founded 1870
Local 1946
82 Chapters

Upper: *Propaganda designed to prove that the girls go to college.* Lower: *Grandstand architects improving on the plans of the new Kappa house.*

The Kappa Key was often seen in the halls of the College Press Building with women of KKG working on the *Bomb, Iowa State Daily* and the *Iowa Homemaker.* Gerry Williamson, associate editor of the *Bomb,* was assisted by Jane Humphreys, assistant treasurer and Ellen White, formal picture editor. Mary West and Julie Welch worked on the *Iowa Homemaker* with Marnie Wallace and Nancy Stewart on the Writer's Round Table. *Sketch* claimed Marnie as editor.

Gerry Williamson, a member of Social Council, was on the Home Economics Core Curriculum Committee. Marnie Wallace and Jeanne Hudson held offices in Home Management Club and Barbara Thurlow was secretary of Applied Art Club.

Radio Workshop and the Iowa State Players attracted Marnie, Carolan Carlson, Donna Teich, Barbara Thurlow, Shirley Marvin and Dorothy Hoersch.

Memberships in honoraries are held by Audrey Hinkly, Julie Welch, Jane Graff and Gretchen Miller.

Barbara Berry Carl was Veishea Queen; Other sisters are active in honoraries

208 Ash

Founded 1867
Local 1877
96 Chapters

PI BETA PHI

Veishea Queen of Queens, Barbara Berry Carl, and two women tapped for Mortar Board started the Pi Phi's out on a year filled with activities. Wearing the white suits of Mortar Board were Jo Ahern and Marilou Willis. Jo is a member of Theta Sigma Phi as is Margaret Leveson. They are also members of Phi Upsilon Omicron along with Joan Johnston, Peggy Holler, M. J. Bond, Mary Ann McDonnell, Juana Kirchner, Marilou Willis, Margery Saunders and Janet Adams. Margery, Joan and Flo Pavlik are in Omicron Nu; Mary Lou Taylor in Delta Phi Delta and Marilyn Westcott in Sigma Alpha Iota.

Standing: *Oh my achin' back!* Sitting: *WE won!*

Fifty frozen Pi Phi's.

Front Row: Johnston, Willis, Adams, Mrs. McHenry, Carr, Saunders, Pavlik. *Second Row:* Whitfield, M. Kelleher, Logan, Simpson, Taylor, Gray, Geneva, Ethington. *Third Row:* Dorsett, Marjorie Moore, O'Neil, Towne, Gilbertson, Bilsten, K. Young. *Fourth Row:* Stark, Craig, Westcott, Merrill, Marsolek, Spetman, Holler, J. Kelleher. *Fifth Row:* Stephens, Leveson, Close, McCormick, Smith, McDonnell, Martha Moore, Evans, Ahern. *Top Row:* Jones, Kirchner, M. Young, Sutherland, Waterous, Brown, Breckenridge, LaDoux.

Publications, Home Economics Club, WAA and scholarship kept the Pi Phi's busy

Printer's ink seems to be in the blood of several Pi Phi's. Florence Pavlik, Joan Brown and Claire Stark were on the staff of the *Bomb*. The *Iowa State Daily* had Jo Ahern as women's page editor, and Jan Sutherland, Pat Close, Lura Mae Whitfield and Margaret Leveson served on the staff as reporters and issue editors.

The *Iowa Homemaker* staff members were Jo Ahern, business manager, Margery Saunders, managing editor and Janet Adams, research director. Others included Margaret Leveson, Pat Close, Jan Sutherland and Joan Kelleher.

Margaret did photographic work on the *Iowa Homemaker*, the *Iowa State Daily*, the *Iowa Agriculturalist* and the *Green Gander*. Jo Ahern was an ad salesman for the *Green Gander* and Claire Stark was house representative for *Sketch*.

Gene Carr was president and Lura Mae Whitfield was secretary-treasurer of the Women's "I" Fraternity with Florence Pavlik, Marilou Willis, Donna Waterous and Mary Jean Otopalik as other members.

Five of the Pi Phi's were active in Radio Workshop and five in Iowa State Players. Many of them were members of musical groups, Social Bureau, Pep Council, WAA, the Home Ec Core Curriculum Committee and Intramural Board.

The presidents of three Home Economics departmental clubs were Pi Phi's and several of the women participated in various sports. Formals and exchanges filled many weekend evenings at the chapter house.

Upper: *The girls get the inside story on the latest male mail.*
Lower: *King's X at the Sigma Kappa Christmas formal.*

Three honoraries have
and publications filled
fireside and "Prelude

233 Gray

Founded 1874
Local 1921
51 Chapters

SIGMA KAPPA

Dramatics and journalism were of special interest to the Sigma Kappa's this year. Beverly Beach, Priscilla Drohmann, Jean Robertson, Mary Jo Winterbottom and Anita Ohlsen were on the *Sketch* staff.

Anita and Dorothy Hausman were active in Radio Workshop and Iowa State Players. Anita was a member of Radio Players. Working on the *Green Gander* were Edna Mackland and Jean Heath. Jean kept busy with the *Iowa State Daily* and the *Iowa Homemaker* as well. As research director of the *Scientist*, Mildred Knott completed the list.

Sigma Kappa's as members while band, WAA the roster of activities. The tree trimming to a White Christmas" wound up fall quarter.

Firesides and formals filled memorable evenings at the chapter house. The "Twilight Twirl" and "Prelude to a White Christmas" were gala affairs as were the White Breakfast, the Christmas tree trimming fireside and the Valentine date dinner.

A number of Sigma Kappa's were newly pledged or activated in campus honoraries. These included Jackie Baker in Psi Chi, Anita Ohlsen in Delta Phi Delta and Mildred Knott in Iota Sigma Pi. Mildred, Elaine Spearing and Maria Bowman are members of Twisters.

Joy Ledin, Arda Knotts and Jane Miller, as members of Naiads, spent many hours winter quarter practicing for the spring water ballet. Jane was president of Naiads and a member of the WAA board.

Mildred Knott on the Twisters Council cheered the teams to victory during the football and basketball season. Marilyn Bjorndahl was purchasing agent for the Student Properties Board and Mary Jo Winterbottom was on the Social Council.

Mary Jo and Mary Johnson represented Sigma Kappa in the band. Both of them play the clarinet.

After-hours skits were presented by the pledges for their actives on Saturday nights, while the pledge mothers dreamed up small jobs to keep them busy during Saturday afternoon pledge duties.

Front Row: Rogers, Feucht, Beach, Mrs. Kelley, J. Ory, Knott, Spearing, Ledin. *Second Row:* Zeigler, Bergquist, Sprague, Stewart, Bowman, Ritter, Hausmann, Bjorndahl, M. Ory. *Third Row:* Higdon, Nystedt, Aurand, Wooff, Gallaher, Hawgood, Robertson, Lange, Jewett, Ohlsen. *Fourth Row:* Mooney, Hoverter, Haselton, Swedberg, Kunkel, Brinton, Knotts, Anderson, Zitzewitz. *Fifth Row:* Robbins, Miller, Majcen, Gulliver, Gilbert, Heath, Lodden, Mathews, Larson, Drohman. *Top Row:* Soderberg, Dornbrook, Lynch, Dockendorf, Roskens, Olson, Mackland, Williams, Neville, Howells.

Dorm Council sponsored Iowa Dormitory Conference and the winter dorm formal

Dormitory Council checks on the latest dorm communiques.

DORMITORY COUNCIL

Dormitory Council sponsored the second annual Dormitory Conference for Iowa colleges in April. Representatives from eight Iowa schools attended the workshops and discussion groups.

Meeting every two weeks, the council acted as a coordinating body and student governing board for the eight women's dormitories. Jane Conzemius was elected president of the council and Mrs. Madge I. McGlade acted as advisor for the group.

The council planned the annual dormitory White Breakfast held the Sunday before Christmas vacation. In February, the council sponsored the spring formal, "Cupid's Reign."

Front Row: Jones, Conzemius, Black, Betz.
Top Row: Brooks, Bates, Soderberg, Davis, Smith.

Dorm Councils helped with the Activities Carnival to promote activity interest

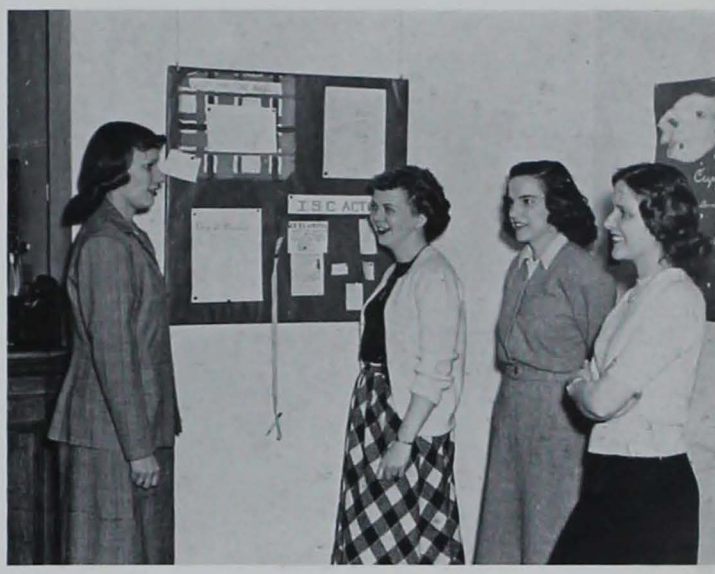
DORMITORY ACTIVITY AND ADVISORY COUNCILS

Promoting activities and encouraging scholarship among dormitory women was the purpose of the Activities and Advisory Councils.

Fall quarter, the Activities Council in connection with Panhellenic Council, presented the annual Activities Carnival for all freshmen and new women students.

As guest speaker, Mrs. I. A. Merchant discussed "On Being An Advisor" with the Dormitory and Advisory Councils.

The Advisory Council is composed of the vice-presidents from the women's dorms and the Activity Council is elected.



Dormitory Activity Council lays strategy for keeping dorm girls active.

Front Row: Weis, Spangler, Shalley, Maddock
Top Row: Rondestvedt, Townsend, Dawson, Terrell, Sheperd

Front Row: Hayes, Young, Jones, Fey
Top Row: Piatt, Sorenson, Hinrichsen, Maxson

Elm women excelled in campus activities with heading the list. Proving their scholastic members of honoraries. Exchanges and dances

ELM HALL

Fortune tellers and gypsy dancers added color and enchantment to Elm Hall's fall dance, "In a Gypsy Tea Room."

Barbara Bates, president of Elm Hall, was a member of Dormitory Council. Barb was on the staff of the *Iowa State Daily* and a member of the Glee Club. Joining Barb in Glee Club were Dorothy Barthell, Carol Howland, Reba Mercer and Dorothy Torgerson. Dona Smoak was a soloist with the Glee Club.

Carol Hayes, as *Bomb* business office supervisor, kept the business staff hopping. Carol is a member of Psi Chi, Phi Mu Epsilon and Science Women's Club. Emogene Olson, another journalist, was layout editor for the *Bomb* and active on the *Iowa Homemaker* and the *Green Gander*.

Front Row: P. Olson, Stanley, Stanzel, Woods, Varnes, E. Olson, Torgerson. *Second Row:* Saunders, Martin, Nielsen, Ware, Vance, Wygle, Terry. *Third Row:* Sie, Roe, Paine, Wain, Rogers, Neven. *Fourth Row:* Watkins, Smith, Sievers, Welch, Sanders, Simon, Newman. *Fifth Row:* Rexroat, Ostrander, Strausbaugh, Ragan, Wolfe, Pettit, Zentmire, Smoak. *Top Row:* Pease, Schneider, Salisbury, Staublin, Sells, Rugtiv, Watkins.

Front Row: Hamilton, James, Hall, Laskowske, Mercer, McCann, Hutchinson. *Second Row:* Keeton, Heaton, Huser, Murray, Knutson, Larson, Keim. *Third Row:* Jenkins, Morrison, Jensen, Hackney, Haugen, Hansen, Mathre, Norman. *Fourth Row:* Ismert, Heuring, Howland, McCready, Hobson, Landel, Jones. *Fifth Row:* Lindsay, Droegemueller, Hoover, Korslund, Harley, Kitzelman, Kidder, Hendrick. *Top Row:* Monteith, Hicks, Inman, Howell, King, Husbands, Hollingshead.

publications and sports attainment, several are were top social events.

Mary Anderson led other girls in activities for she was elected a member of Phi Upsilon Omicron and was a representative to Cardinal Guild.

Joanne Gatz, secretary for Religion in Life Week, worked with Elaine Rexroat on Inter-Faith Council. Jo is a member of Pi Mu Epsilon and Elaine was on the Science Women's Club Cabinet.

Upper: *Elm Hall girls apply knowledge of technical subjects to a practical situation.* Lower: *The parlor radio provides an excuse for a friendly chatter session.*

Front Row: Hayes, Rondestvedt, Mrs. Vollmer, Bates, Morningstar, Fletcher. *Second Row*: Burns, Doyle, Everling, Book, Ganser, Ferguson, Ehrhardt. *Third Row*: Andersen, Barthell, Eickelberg, Dorsett, Folkers, Ellison, Goode, Carlson. *Fourth Row*: Gosling, Greenfield, Gatz, Grundon, Belschner, Carney, Golden. *Top Row*: Allphin, Edson, Dressel, Fagan, Elting, Anderson, Colvin, Frank.

Margit Soderberg, president of Oak Hall, chosen Attendant to Homecoming Queen

OAK HALL

Music and athletics topped the list of activities for Oak Hall girls. Encouraged by their scholarship and activities chairman, Margaret Bockwoldt, the women planned their activities to fit in with college work.

Led by Mary Lou Huston, president of Glee Club, Helen Peterson, D. J. Slemmons and Ione Lankelma contributed to the group.

The *Iowa State Daily* found Ann C. Nelson and Jane Haselton busy as legwomen on the reporting staff. Yvonne Nehls conducted research for the *Iowa Homemaker* while Donna Jacobson and Ann Nelson put many hours in at the *Bomb* office. Shirley Hanzelin worked industriously on *Sketch*.

When Iowa State Players practiced, seven Oak Hall women lent their talents. Ardis Walter could be found in Radio Workshop.

Social activities for YWCA were capably managed by Jean Lindamen. Ruth Sorenson, social chairman of Oak, was a member of Student Properties Board, worked on Religion in Life Week and is a member of Phi Upsilon Omicron.

Seven women were active in WAA clubs, with Shirley Hanzelin and Phyliss Fulton serving on WAA Council. Leanna Reed was president of Rackets Club. Mary Lou Huston and Marion Osbrink added Sigma Alpha Iota to their list of activities, while Psi Chi claimed Janet Sandifer. Marjorie Dunn was initiated into Omicron Nu.

Front Row: McLeod, Krieg, Loftus, Hughes, Jacobs, Miller. *Second Row:* Keith, Held, Meyer, Kinnear, Kneen. *Third Row:* Mead, Lippke, Moline, Hierseman, Jacobson, McCord. *Fourth Row:* Kruse, Jensen, Elliott, Loetterle, Hansen. *Fifth Row:* Mewes, Robinson, Holtan, McKenna, Haselton, Lafeber. *Top Row:* Holsopple, Kukar, Holt, Hammerly, Hanzelin, North, King.

Healthy, well-balanced girls dig into healthy, well-balanced food.

Etude No. 17 in six flats . . . popular name, Chopsticks.

Candlelight Fantasy, presented fall quarter, started Oak Hall's social activities rolling

Front Row: Eppelsheimer, DeMunck, DeBord, McCulley, Deaner, K. Anderson, Frank, Aita. *Second Row:* Conquist, A. Anderson, Brunn, Bockwoldt, Gibson, Collins, Brian. *Third Row:* Dohrer, Aplan, Cole, Brain, Norton, Veren, Fung, Boelke. *Fourth Row:* Bogen, Brown, Frush, Burrows, Bates, Aldinger, Beeler. *Fifth Row:* Cramer, Dietrich, Carlson, Andersen, Fulton, Finney, Fox, Beisner. *Top Row:* Cude, Bentler, Benter, Ettinger, Dockendorf, Fowler, Corzine.

Front Row: Hancock, Jury, Soderberg, Mrs. Sadler, Terrell, Lindaman. *Second Row:* Nehls, Osbrink, Parkhill, White, Morgan, Weeks, Ann C. Nelson, Toel. *Third Row:* Winfrey, Winterstein, P. Olson, Swanson, Stanton, Werbach, Steffan, Pearce. *Fourth Row:* Nashel, Orndorff, Horine, Olkiewicz, Stevens, Eggert, Rice, Rogde, Weber. *Fifth Row:* Peterson, Stover, Schalk, Slemmons, Lankelma, Lilish, D. Olson, Ann E. Nelson. *Top Row:* McColly, Reed, Vokt, Sandifer, Slorby, Nady, Thomas, Kenyon.

Upper: They should be proud of that one. Lower: Current events provide a topic of conversation.

Lyon women found that gave them inspiration WAA prexy and NISA

LYON HALL

The roving dormitory scholarship cup has found a home in the trophy case at Lyon Hall for the past two years. Lyon Hall women don't always study, however, and you'll find them active in honoraries, divisional clubs, athletics, music and publications throughout the campus.

Every fall and winter quarter as new women move into Lyon Hall the advisors set up a "Woman of the Day" program. Under this plan, a woman is selected and a short life history written about her and posted. The program helps the newcomers become acquainted with the other women living in the dormitory.

Front Row: Poland, Field, Maddock, Mrs. Wilmarth, Brooks, Young. *Second Row:* Birkett, Burtch, Ford, Nelson, Ebinger, Benson. *Third Row:* Elwood, Broker, Guggedahl, Bloomquist, Brunsvold, Biesemier, Day. *Fourth Row:* Edwards, Constance, Ewoldt, Cook, Dickman, Anderson. *Fifth Row:* Caspers, Artus, Culbert, Conlon, Doscher. *Top Row:* Evans, Stirniman, English, Ehlert.

Mortar Board member, Charlene Spangler, for achievements in scholastics and activities. Beauty Queen made Lyon their campus home.

Active Charlene Spangler is a member of Mortar Board and Iota Sigma Pi. She has served as a Cardinal Guild representative, vice-president of the YWCA and advisor-chief of the dormitories. President of Twisters was a Lyon Hall woman, Irene Morrison. Helen Maddock was a member of "I" Fraternity, president of WAA and historian for Block and Bridle.

Two women of Lyon were prominent in Cosmopolitan Club. Frances Farrington was president and was assisted by Frances Constance, secretary. Six of the women were in Glee Club and chairman of the "Y" music group was Ruth Westley.

Journalistic women were June Kysilko, Virginia Krowka, Margery Turner and Joan Weinhardt of the *Iowa State Daily;* Carolyn Graham and Dycie Stough of *Sketch*; and Joan McCormack of the *Green Gander*. Dycie Stough was also active in Writer's Round Table and Theatre Workshop. Margery Turner was the publicity chairman of dormitories.

Nine honoraries claim members from Lyon. Elsie Day was the National Independent Student Association Queen of 1948. Their "Buttons and Beaus" dance and a successful faculty tea were tops on Lyon Hall's social calender.

Front Row: Osborne, Raffety, Persinger, Spangler, Schulenburg, Rohner, Farrington, Taylor, Weinhardt. *Second Row:* Westley, Shepard, Graves, Hohaus, Thomas, Goble, Phillips, Williams. *Third Row:* Shean, Graham, Harris, Tokheim, Hahn, Lange, McCauliff, Krowka, Stocking. *Fourth Row:* Wissler, Reigle, Morris, McClaughry, Gontarek, Hartwig, Larson, Swanson, Rogers, O'Brien. *Fifth Row:* Oehmke, Tripp, Morrison, Jacobs, Shoien, Laun, Gaston, Funkhouser, Teich. *Top Row:* Linge, Flesher, Jeffrey, Matt, Moore, Turner, Kepler, McCormack, Kysilko, Stough.

With the strenuous Freshman Week out of the seriously began to study. "Lights out" at busy college days. All enjoyed their formal,

BIRCH HALL

Music, departmental clubs and publications head the list of activities of Birch Hall residents this year. Sending their voices over the air waves were Lucille Ritter, Pat Binder, Gail Zitzewitz, Janet Davis, Carol Engle and Carla Seuring, all members of Radio Workshop.

Nancy Nutt could often be found in the *Bomb* office and down the hall in the *Iowa Homemaker* office was Ruth Ann Robson. Working on the *Iowa State Daily* were Barbara Short and Carlyn Lovgren.

Playing in the band were Marjorie Bower, Marjorie Miller, Pat Durey, Barbara Beck and Sue Porter. Beth Spurrier, Joyce Gilbert and Jane McAdam were in the orchestra. Nan Bernstein was president of Sigma Alpha Iota. Nan was also chosen to attend the Merrill Palmer school for child development majors.

Front Row: Moellering, Lawrence, Powers, Hoffman, McLennan, Place, Meyer, Rasmussen. *Second Row:* McAdam, M. Peterson, Morrison, Halsey, Ritter, Robson, Lovgren. *Third Row:* Jensen, Purviance, Maynard, Porter, Engle, Roberts, Northey, Miller. *Fourth Row:* Payseur, Prichard, Hemphill, Krewatch, Lauer, Kallin, Nutt. *Fifth Row:* Metz, D. Peterson, Nelson, Lamb, Okones, Moran, Berkery, Pifko. *Top Row:* Meredith, Lorenz, Kreutzkampf, Mitchell, Neville, Howells, Lucas, McClusky.

Front Row: Blair, Aurand, Durey, Boldra, Fulton, Drake, Ginger, Ahlgren. *Second Row:* Brandt, Behm, Goslee, Blomquist, Cekaucus, Carmichael, Carlson. *Third Row:* DeWolf, Davis, Gillette, Brouer, Belluomini, Budd. *Fourth Row:* Burrows, Byers, Duncan, Bevier, Auten, Baxter, Erickson. *Fifth Row:* Binder, Gilbert, Haller, Gentle, Berry, Benson, Aschoff. *Top Row:* Cathcart, Baedke, Barton, Fieldman, Ewoldt, Amling, Goeldner.

way, Birch Hall women 10 PM concluded their "A Night in Heaven."

Sports minded Birch Hall girls included Olga Sheperd in 630 Club, Mary Taylor in Dance Club and Twisters Carol Engle and Donna Thorpe. Barb Beck was in Officials Club and Dorothy Aschoff was in Bowling Club and the WAA.

Members of Science Women's Club were Phyllis Maynard, Nancy Nutt, Suzanne Erickson, Barbara Metz, Jane McAdam, Mary Taylor and Kaye Amling.

Upper: *One of these girls seems to have a very independent attitude.* Lower: *"We're gonna have a party."*

Front Row: Robinson, Maxson, Davis, Mrs. King, Sheperd, Walker, Wahls. *Second Row:* Wallace, Stampfer, Wallenfeldt, Williams, Shaner, Sonquist, Sowers, Tinius, Vanderwarf. *Third Row:* Schumacher, Steffen, Willey, B. White, Stange, V. White, Rowe, Stocks. *Fourth Row:* Steigerwalt, Sojka, Spinner, Seuring, Shillington, Rossiter, Sullivan, Mary Taylor, Zitzewitz. *Fifth Row:* Spurrier, Umphrey, Wood, Bower, Spencer, Thorp, A. Smith, J. Smith, Stewart, R. Schroeder. *Top Row:* Sybeson, Wilcke, L. Smith, Swanson, J. Schroeder, Sovereign, Short, Marlene Taylor, Sands.

Welch Hall women won Homecoming honors and Freshman Home Economics Club posts

WELCH HALL

Welch Hall added two more trophies to its collection this year. Members proved their creative ability by winning first place in dormitory Homecoming decorations and received another Homecoming trophy in the pajama relays.

After weeks of industrious rehearsals, Welch Hall women earned the traveling trophy in the annual Sor-Dor sing.

Welch Hall rates high in its beauty candidates and honoraries. Jane McCulloch was a finalist for the Homecoming Queen and Jane Conzemius was a finalist for Junior Prom Girl.

Welch women in honoraries are Mary Alice Anderson and Jane Conzemius, Phi Upsilon Omicron; Kathryn Crowell, treasurer of Omicron Nu; Winifred Jones and Laura Stieglitz, Sigma Alpha Iota; and Mary Alice Anderson, Mortar Board. Jane Conzemius, president of Welch Hall, also served as Dormitory Council president.

Freshman Home Economics Club officers claimed by Welch Hall were Lora Mae Palmer, vice-president; Lyndall Olmsted, secretary; and Betty Rasmussen, publicity chairman.

An abundance of musical talent in Welch furnished the Iowa State Band with several members. They were Alice Diefenbach, Miriam Tuttle, Millicent Tuttle, Laura Stieglitz, Shirley Segerstrom and Mary Jean Blyth.

The Welch Christmas Dance and hayrack ride highlighted the social functions of the year.

Front Row: Diefenbach, Bartz, Sickles, Woodruff, Sime, Serbousek, Sprague, Roberts, Wolf, Lippert. *Second Row:* Ruter, Stevens, Weeks, Stephenson, Wise, Whitcomb, M. Ross, Purcell. *Third Row:* Rice, Marjorie Smith, Wagner, D. Peterson, B. Ross, Walkup, Segerstrom, Robertson, Robinson. *Fourth Row:* B. Peterson, Millicent Tuttle, Raber, Miriam Tuttle, Robinson, Supernois, Pitzer, Rasmussen, Witt, Thorson. *Fifth Row:* Strand, Vinsel, Perry, Rierson, Wilson, Pettis, Wood, Swasand, Wiseman. *Top Row:* Roland, Rohwer, Worth, Woolley, Stanek, Marlis Smith, Watts, Reichstein.

Potential Phil Spitalny material in rehearsal.

Who says Iowa State girls can't cook?

Welch advisors surprised the freshmen with their after-hours Halloween Party

Front Row: Kent, Jahnke, Gustafson, Malone, Gillen, Higdon, Groseclose, Jacobsen. *Second Row:* Kadera, Hubbard, McGrew, Ludeman, Houlihan, Hargrave, Olmsted. *Third Row:* Holmes, Parker, Garretson, Lund, Hawgood, Hills, Davison, Laurer. *Fourth Row:* Lyklema, Nelson, Lindberg, Marcley, Hinrichsen, Keenan, Koch. *Fifth Row:* Mooney, Daily, Molbo, Fellows, Frueden, Duggan, Dyslin, Paul. *Top Row:* Keifer, Palmer, Morgan, Hoffman, Edwards, Caston, Majcen.

Front Row: Rieke, Piatt, Weis, Mrs. Parkinson, Conzemius, Bragdon, Burian. *Second Row:* Butler, Basham, Jones, Crowell, Wieck, Anderson. *Third Row:* Braymen, Benson, Bradfield, Blomquist, Atkinson, Gardner, Schakel. *Fourth Row:* BreDahl, Carmean, Bowers, Blahnik, McFadden, Canby, Nelson, Anderson. *Fifth Row:* Conley, Copley, Armstrong, Forster, Ackerman, Croonquist, Malmborg. *Top Row:* Beggs, Brown, Segerstrom, Blythe, Winslow, Novy, Hamilton, Rachut.

Upper: We just love to study. Lower: "He says he's got five friends."

Athletics were tops on their activities with dorm the Winter Sports and

FREEMAN HALL

As a "one for all, all for one" dorm, Freeman gave their team the spirit that made them the winner of the vollyball tournament for the second consecutive year.

Activities in Freeman were diversified with Virginia Barnes being a member of the joint Social Council, Joan Schaffer in the Theatre Workshop and Ruth Turner and Melva Highland in the Iowa State Players.

Elaine Hull served as the general chairman for "Cupid's Reign," acted as treasurer for the dormitory and was Veishea treasurer for 1949, as well as being a member of Kappa Phi.

Front Row: Barnes, Dudley, Shalley, Mrs. Fosmark, Hull, Young, Turner. *Second Row:* Burtch, Rosewall, Jacobson, Aaberg, Tolander, Mix. *Third Row:* Ward, Hughes, Mueller, White, Kramer, B. Smith. *Fourth Row:* D. Smith, Seats, Spoeth, May, Gilson, Ensminger, Foster. *Fifth Row:* Belknap, Scott, Burnham, Sheppley, Rich, Schaffer. *Top Row:* Reichert, Shuput, Engelhardt, Galvin, Williams, Kappelman, Ekdahl.

the agenda for Freeman women but they varied social functions and dramatics. Queens of Varsity "I" Carnivals lived in the dorm.

It wasn't all work at all times for the girls in Freeman. The social season of the year was initiated with the "Last Chance" dance given in the fall, and was concluded with the annual spring picnic.

Twisters from Freeman were Ruth Seats, Betty Jo Hamlin and Melva Highland. A member of the Women's "I" fraternity was Dorothy Roeh. Margaret Lockridge served as the "Live-Y'er" for the dorm while Roberta Roberts was the intramural manager. In the divisional clubs were Virginia Barnes, Helen Hughes, Dorothy Willi, Joyce Sheppley, Lorine Rosewall, Ruth E. Turner and Margaret Lockridge.

Beauty seems to find its way to Freeman also, for Mary Huff was selected as Varsity "I" Queen for 1948 and Glenis Holzknecht was Queen of the Winter Sports Carnival. Anne Ekdahl and Dorothy Miller worked at the *Iowa State Daily* on the publication side of the campus and Joan Schaffer kept busy on *Sketch*.

Glee Club claimed time from Lee Englehardt, Anne Ekdahl, Dorothy Miller, Glada Reichert, Lorine Rosewall and Darlene Shuput.

Legene Smith held top honors as a member of Mortar Board, Phi Upsilon Omicron and the YWCA Cabinet.

Front Row: Pickett, Jane Smith, Heath, Sarchett, McAllister, Lynn. *Second Row:* Riemer, Barber, Bloom, Willi, Gustafson, Eschelman, Lubben. *Third Row:* Shapiro, Louis, Muckler, Sandal, Hamblin, Holzknecht. *Fourth Row:* Bierman, Christensen, Joy Smith, Lockridge, Pedersen, Gaddis, Dilling. *Fifth Row:* Crecelius, Stefansky, Huff, Mathews, Highland, Dornbrook, Elledge, McGrane. *Top Row:* Lames, Todd, Reade, Anderson, Miller, Bruns.

After-hours spreads, corridor parties and a a lighter vein to the life of Roberts Hall home gave encouragement to these freshmen

ROBERTS HALL

Roberts Hall women got into the swing of things at the first of the year with a gala hayrack ride and then worked hard on their studies and activities and turned up in the end with a fine record.

Roberta Betz, who served as president of Roberts, was elected to Delta Phi Delta and was a member of Twisters. Working with Bobbe in Twisters were five other women from the dorm, Audrey Bell, Joan Dalrymple, Gwendolyn Hoogeveen, Ruth Mowery and Lois Parish.

The other officers in Roberts included Mary Dawson, vice-president; Ruth Peterson, secretary; Dorothy Hagadorn, treasurer; Darlene Fey, activities chairman; and Joan Dalrymple, social chairman.

Answering telephones and pounding out stories for the *Iowa State Daily* kept Nancy Voggenthaler busy.

Front Row: Barcus, Fey, Dawson, Mrs. Hutton, Betz, Dalyrmple, Bell. *Second Row:* Fanning, Feeney, Duhigg, Carlson, Cochran, Augustine, Albaugh, Eckel. *Third Row:* Gregg, Collie, Fink, Dunbar, Frost, Clark, Baylor. *Fourth Row:* Hahn, Carstens, Fernsell, Galitz, Beebe, Ditsworth, Bartrug, Parish. *Fifth Row:* Finn, Bullen, Green, Booth, Conrad, Campbell, Fritschel, Gebert. *Top Row:* Below, Bice, Buck, Burmester, Godby, Azbill, Boeyink, Garrett.

Front Row: Hirsch, Haskins, Kennedy, Hanson, McDermott, Huffman, Lindsey. *Second Row:* Jones, Herring, Kingsland, Maag, Langmade, Honens, Kent, Longstreet. *Third Row:* Marten, Ives, Heline, Johnson, Keith, Lincoln, Jewett. *Fourth Row:* Knight, Hawkins, Harper, Mittricker, Juhl, Lage, Kline, Mayer. *Fifth Row:* Munster, Moeller, Hall, Mayfield, Hurst, Herrold, Kinyon. *Top Row:* Mowry, Lemmer, Hoverter, McKean, Hoogeveen, Mathison, Lucas, Laxson.

fall hayrack ride added women. Letters from just starting at ISC.

Thirteen women from Roberts sang with the Festival Chorus during the Christmas Tree Lighting ceremony fall quarter. Jill Hull and Pat Wren were members of the band and Pat, with Dona Hurst, also played in the Iowa State Symphony Orchestra.

Jean Bartrug was an active member in Radio Workshop and Ruth Peterson worked on the publicity committee for Religion in Life Week.

Upper: "There are smiles. . . ." Lower: Mrs. Hutton and some of the Roberts residents get a laugh at somebody's expense.

Front Row: Williams, Schroeder, Vanderpool, Swanson, Traylor, Roberts, Royer, Wynne. *Second Row:* Weaver, Seaman, Rose, Vance, Tice, Purkhiser, Stehlin, Willey, Stoll. *Third Row:* Schultz, Stodgell, Ruf, Veazey, Safley, Willis, Owen, Allen. *Fourth Row:* Roesler, Spooner, Clements, Wren, Reis, Snoddy, Tieman. *Fifth Row:* Tinderholt, Rinehart, Wahlert, Peterson, Zillman, Swanson, Prall, Quaas. *Top Row:* Thompson, Pence, Voggenthaler, Teich, Nelson, Zearfoss, Vana, Wentzien, Rostat.

Barton's graduate women and upperclassmen were well represented in musical groups

A little coffee will do wonders when you need to prop your eyes open for an hour or so.

BARTON HALL

Memberships in campus musical organizations were the principal activities for Barton Hall women. Those who enjoyed singing could always find someone going to a rehearsal of Festival Chorus or Glee Club and several from Barton were members of band and orchestra.

A formal tea initiated dorm activities for Barton Hall and was planned by the group's officers. They were Avonall Blank, president; Marilyn Townsend, vice-president; and Marcia Rafn, social chairman.

Front Row: Lowe, Townsend, Bradley, Mrs. Gordon, Blank, Rafn, Hinrichsen, *Second Row:* Emslie, Held, G. Brown, Baughman, Hunter, Goeldner. *Third Row:* Copeland, Gates, Byers, Foth, Fleak. *Fourth Row:* Halasey, Barger, Briggs, Benson, Bonoff, Flood. *Top Row:* Bridge, Copp, Heffner, Gladson, D. Brown.

Front Row: Ruhr, Langebartels, Klindt, Waggaman, Schuttler, Shinn, Neff. *Second Row:* Schutjer, Younglood, McGee, Rickman, Zeglin, Mugge. *Third Row:* Ouverson, Walters, Very, Urton, Lee, Schubert, Scoles. *Fourth Row:* Tripses, Simons, Weinert, Parker, Pleak, Torine, Sessler. *Top Row:* Van Der Kamp, Roskens, Snyder, Swedberg,. Mulvay, Reigle, Wessel.

Organizing a fraternity cooperative was Interfraternity Council's main activity

Jim Ryan explains the fraternity co-operative buying association.

INTERFRATERNITY COUNCIL

This year Interfraternity Council has instigated a number of important projects. Topping the list is the council's work on the fraternity purchasing agency. It is hoped that through this co-op, organized houses can save substantial amounts on stable item purchases.

The council has also made it possible for a foreign student to study at ISC. Officers of the council were Riley Gillette, president; Bill Beckman, treasurer; William Dwine, vice-president; Harvey Blichman, secretary; and Dick Wilson, assistant-secretary.

Front Row: Beckman, Blichman, Gillette, Hillyard, Wilson, Mackey. *Second Row:* Gervais, Waltz, Farmer, Peters, Kampfe. *Third Row:* Krauskopf, Harman, Cowles, Champlin, Rusk, Goode. *Fourth Row:* Monson, Meeks, Page, Gilbert, Feldt, Roberts, Larsen. *Fifth Row:* Monaweck, Voiland, Hansel, Titus, Whiteman, Miller, McGehee. *Top Row:* Robison, Sites, Davies, Hochstetler, Hamilton, Lindblom, Wood.

Pledge Council held a smoker to promote friendships among fraternity neophytes

INTERFRATERNITY PLEDGE COUNCIL

Patterned after the Interfraternity Council, the Pledge Council was reorganied last fall. An Interfraternity Council committee advised the pledge organization.

The purpose behind Pledge Council is to familiarize members with the fraternity system at Iowa State. Also emphasized is a get-acquainted program between the pledge classes.

Last year's pledge council officers were Carl Sayre, president; Dick Powell, vice-president; Dick Wagner, secretary-treasurer; Bob Ditzenberger, social chairman; and Paul Sumner, sergeant-at-arms.

Fraternity pledges bat the breeze at their annual fall quarter smoker.

Front Row: Sumner, Ditzenberger, Sayre, Powell, Wagner, Stoddard. *Second Row:* Barnes, Currie, Sward, Rozeboom, Thompson, Smith. *Third Row:* Jones, Peebler, River, Birdsall, Copeland, Jergenson, Griffith. *Top Row:* Ternes, Marron, Hassebrock, Larsen, Myers, Kinney.

Interest in campus activities among the men music to intramural and varsity athletics. sides and house dances kept the men at 142

142 Gray

ACACIA

"Musically inclined" would be an understatement if you were describing Don Becker, member of the Glee Club, Iowa State Singers and the Festival Chorus, as well as being a soloist with the Varsity Eight, a group of eight students who just "like to sing."

Acacia excelled in many other fields under the leadership of Dick Wilson, president; Dean Lee, vice-president; Charles Dingle, social chairman; Jim Haselton, secretary; Tony Riepma, treasurer; Charles Bird, editor; and Tom Brown, steward.

Front Row: Dingle, Brown, Wilson, Mrs. Dinsmore, Lee, Riepma, Haselton. *Second Row:* Waugh, MacRae, Hogfeldt, Cowles, Kielhorn, Pierson, Barnes. *Third Row:* Weber, Bliss, Biegler, Anderson, Maze, Matthews. *Fourth Row:* K. Johnson, Becker, Bird, Pearcy, Grubb, Oblinger, Fulkerson. *Fifth Row:* Hook, Deemer, L. Johnson, Swenson, Pyles, Peebler, Davis, Tschantz. *Top Row:* Skerritt, Griffith, Bredbeck, Sayles, Strohbehn, Bortle.

of Acacia ranged from
Dinner exchanges, fire-
Gray socially in step.

Founded 1904
Local 1909
22 Chapters

Upper: *Anybody know a good joke?* Lower: *A somewhat informal gathering at the Acacia house.*

The leading journalist of the Acacia house was Roger Davis who worked on the *Iowa State Daily* and the *Agriculturist* and found time to be on the varsity wrestling squad. Serving with Davis on the *Agriculturist* was Harold Skerritt while Darwin Hook was another letterman.

John Tschantz was pledged to Knights of St. Patrick, belonged to Iowa State Debaters, was a representative on Engineering Council and was president of the Intercollegiate United Nations Association. Day Morris represented Acacia in Iowa State Players and Alfred Swenson was a photographer for the *Iowa State Daily*.

Craig Bredbeck was chairman of the Technical Papers Committee, John Fulkerson was secretary-treasurer of the Intramural Council and Dick Wilson was assistant secretary of the Interfraternity Council.

Outstanding social events at the Acacia house during the year included the Halloween Party, the Spring Formal, the Nut Party and the Sweetheart Party.

Upper: *"The bride wore the living room curtains."*
Lower: *Adelante's provide their own music.*

Riley Gillette wielded Council and Phi Kappa in divisional clubs

304 Welch

A Local Fraternity
Founded 1907

ADELANTE

Iowa State's only local fraternity was distinguished this year by having among its members the president of the Interfraternity Council. Riley Gillette held this office as well as serving as book editor of the *Agriculturist* and being active in the Iowa State Debaters and the Agricultural Council—and with all this, getting grades high enough to make Phi Kappa Phi, national scholastic honorary.

Officers at the Adelante house were John Page, president; Bob Wight, vice-president; Bill Noe, secretary; and Don Hotchkiss, social chairman.

Engineering clubs represented in the Adelante house were ASAE, Lee Sowers and Dale River, and AIChemE, Gay Groff.

the presidents' gavels for Interfraternity Phi. Honoraries, publications and offices completed the Adelante's activity roster.

Several Adelante men were active on campus publications, with the *Agriculturist* attracting Gary Faas, Riley Gillette, Don Hotchkiss, Paul Forrest and Ross River. John Murphy and Allan Rae worked on the *Iowa Engineer*.

Eugene Reynolds served on Agricultural Council with Gillette and Ross River was on the NROTC Rifle Team.

Four honoraries were represented in the house. Riley Gillette, John Page and Eugene Reynolds are Alpha Zeta members; Riley Gillette is a member of Phi Kappa Phi and served as president; Merwin Scheider belongs to Pi Tau Sigma; and Ross River is a member of Pershing Rifles.

Many Adelante men belonged to their divisional clubs, with John Page serving as president of the Dairy Industry Club. Don Hotchkiss was the musical member of Adelante, belonging to both the Glee Club and the Chorus.

Three officers of the Ag Education Club came from the Adelante house. Forrest Paul was vice-president, Ross River was treasurer and Donald Rix served as secretary of the club.

Jim Christy and Gary Faas were members of the Agronomy Club and Charles Gillette, Don Hotchkiss and Vaughn Spear belonged to Block and Bridle. Richie Davis, Clyde Meyer and Don Parker were members of the Farm Operation Club, and Gilbert Norris and Tom Williams were in DI Club.

Front Row: Christy, Johansen, Page, Mrs. Baker, Wight, Noe, Tidman. *Second Row:* Meyer, Reynolds, Parker, Davis, Faas, Kile, Tiffany. *Third Row:* Pitcher, Gillette, Sowers, McGrew, Swanson, Mason, Parker. *Fourth Row:* Foley, Murphy, Gillette, Strauch, Johnson, Norris, R. River. *Fifth Row:* Donahoe, Speer, D. River, Groff, Pickford, Hotchkiss, Rex, Rae. *Top Row:* Hemmye, Williams, Rohrberg, Paul, Rix, Ermer, Parker.

Energetic Alpha Chi Rho's participated in honoraries and musical activities

303 Welch

Founded 1895
Local 1932
27 Chapters

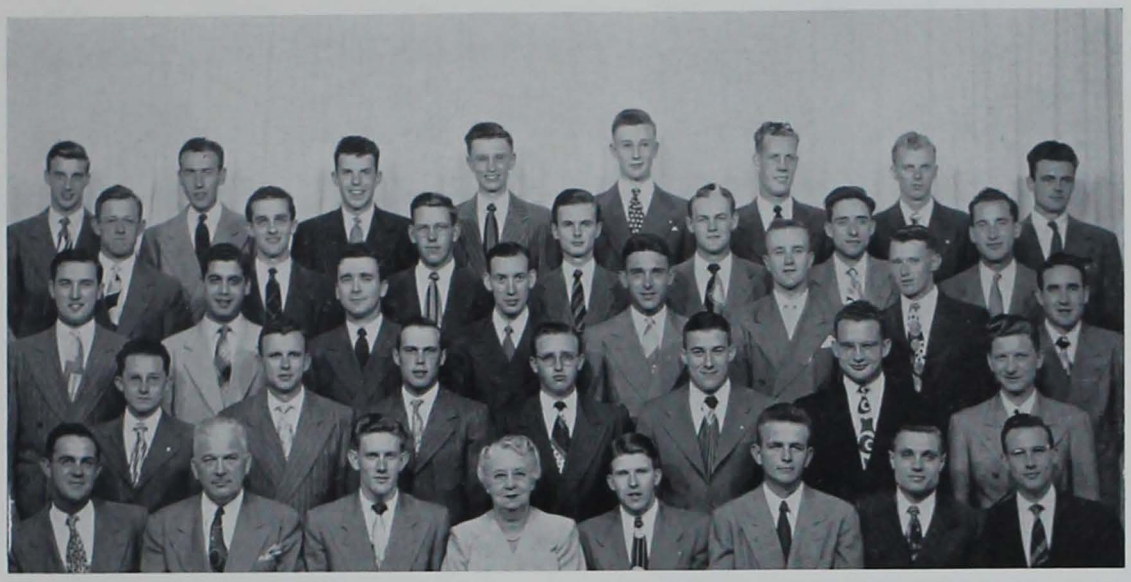
ALPHA CHI RHO

Music and sports played an important part in the lives of Alpha Chi Rho members. Band, Orchestra, Glee Club, varsity sports and divisional clubs were only a few of the activities represented at 303 Welch.

For outstanding musical ability and service in musical organizations Richard L. Waltz was awarded the Music Recognition Award in January. He was a member of the Concert Band and the Symphony Orchestra and belongs to Phi Mu Alpha.

Pledges find a variety of activities to occupy their leisure time.

Song practice . . . with equipment.



Front Row: Lincoln, Richardson, Waltz, Mrs. Baker, Cox, Mathers, Martens, Schilling. *Second Row:* R. Jones, Wilson, Griffin, Cotton, Richardson, West, Stehlik. *Third Row:* Winfrey, Anderson, Dodd, Walter, Linder, Evans, Snyder, Ruby. *Fourth Row:* Maass, Lynch, Hultquist, Wakeley, Arenz, Benner, Bonesteel. *Top Row:* R. Johnson, Galbreath, Moore, D. Toenjes, R. Toenjes, C. Johnson, Thrane, F. Jones.

Test tubes and beakers added color to their fall dance, "Chemistry Capers"

Other band members were Terry Mathers and Robert Lynch who was also a member of the orchestra. Bernard Hultquist went "all out" for singing, belonging to the Iowa State Singers, Glee Club and Festival Choir.

Holding top honors as Athlete of the Week was Roy Shaver. He was a track star on the cross-coutry team. Alpha Chi Rho was in the class "A" bracket in the intramural basketball tournament.

Governing officers for the year were Dick Waltz, president; Jack Cox, vice-president; Ralph Schilling, ritual officer; John Martens, chaplain; William Lincoln, treasurer; and Terry Mathers, secretary.

Every fraternity boasts with pride of members who are listed with honoraries on campus. Alpha Chi Rho is no exception with Robert Lynch a member of Phi Mu Alpha and John Martens in Pi Mu Epsilon. Richard Waltz belongs to Pi Tau Epsilon and the Knights of St. Patrick. James Benner and Morton Bonesteel are members of Alpha Phi Omega.

Divisional clubs claimed Bob Evans as a member of AIEE and Ted Cadwell, Richard Waltz and Ralph Schilling as members of ASME. Morty Ruby and Tendon Wakely were members of the Rifle Club. During fall quarter Jim Benner was chairman of the Christmas Seal drive.

Men of Alpha Chi Rho opened their new knotty pine recreation room at a fireside in February. Social activities of the year were completed with the spring formal given on April 30.

Upper: *AGR garnered a new radio in the Philip Morris football contest.* Lower: *Glen Barrington says a few well-chosen words into the KASI microphone.*

Judging teams and the ambitious AGR's. The and the "Farmer's Ball"

201 Gray

Founded 1908
Local 1914
33 Chapters

Front Row: Allenstein, Sayre, Mrs. West, Egli, Kingston. *Second Row:* Weber, Wachtel, Korslund, Kastner. *Top Row:* McKinley, Tinkham, Henderson.

Agricultural Council provided work for the annual "Pink Rose Formal," a spring barbecue set the social pattern for Alpha Gamma Rho.

ALPHA GAMMA RHO

Agricultural journalists seemed to predominate among the activities men in the AGR house. George Rusk was business manager of the *Iowa State Daily*, president of the Ag Journalism Club and is a member of Sigma Delta Chi. Wayne Swegle worked on the *Agriculturist*, was president of Sigma Delta Chi and is a member of Alpha Zeta. Other members of Alpha Zeta in the house were Robert Lux and Tom Smith.

Dwight Lewis belonged to the Glee Club and Donald Getting, Gene Egli and Bernard McKinley were members of the Iowa State Debaters. Four members of Agricultural Council were AGR's and Bob Lux acted as secretary of the board. Fletcher Jennings, Marvin Boss and Dick Campbell were the other members.

Many judging team members were among the Alpha Gamma Rho brothers with James Hodges on the meat judging team; Bob Bellman, Bert Eason, and Tom Smith on the dairy judging team and the meat judging team; and Bob Lux on the poultry judging team. Ted Huser was president of the Farm Operation Club and Gene Egli was sergeant-at-arms of Block and Bridle.

Outstanding social events were the Christmas Fireside, the "Pink Rose Formal" and the "Farmers' Ball."

Front Row: Bellman, G. Swearingen, C. Rusk, Mrs. West, Heady, Raun, Barrington. *Second Row:* Cutter, Fitsimmons, Thompson, Smith, G. Rusk, Boss. *Third Row:* D. Swearingen, Hackbarth, Jennings, Foss, Moser, Eason, Bliss. *Fourth Row:* Skogman, Nissly, Fuhr, Kash, Persinger, Huser, Pinney, Hans. *Fifth Row:* Hodges, Endicott, Tabor, Campbell, Buttrick. *Top Row:* Budlong, Greiner, Claassen, Maynard, Cook, Getting.

Alpha Tau Omega's claimed presidents of Science Council and Social Bureau and ranked high in athletics and honoraries

2122 Lincoln Way

Founded 1865
Local 1908
95 Chapters

ALPHA TAU OMEGA

Sports played an important part in the lives of ATO men. Jim Doran was a varsity end in football and also found time for track and basketball. Other football men were Bob Livingston, Lowell Stratton, John Briggs and Clair Calhoun. Ralph Schafroth competed in the rough and tumble sport of wrestling while Lowell Stratton was on the tennis team and Keith Homan was freshman track manager.

Five divisional clubs were represented by ATO members and Hank Ramsey was president of Science Council.

Front Row: Landes, Holliday, Steele, Mrs. Boyd, Anderson, Kampfe, Walters. *Second Row:* Munson, Gosch, Hawks, Feazell, Welin, Dice. *Third Row:* Elseman, Stratton, Hollister, Hixon, Parker, Wilke, Anderson. *Fourth Row:* Wymore, Lynch, Kern, Hauser, Bann, Cook. *Fifth Row:* Ramsey, Boyt, Davis, Rasmussen, Hanson, Justice, Young. *Top Row:* Arlen, Doran, Broadwell, Dwine, Inglis, Tollenaere, Evans.

Front Row: Stewart, Rallis, Powell, Mrs. Boyd, Salinas, Weaver, Fisher. *Second Row:* Axt, Maiwurm, Stetson, Calhoon, Klingler, Mangas. *Third Row:* Larson, Trautner, Silver, Tabor, Schafroth, Grant, Neel. *Fourth Row:* Homan, Vose, Hoyer, Steffan, Chamberlain, Rozeboom, Grafft. *Top Row:* Palmer, Bell, Ringland, VanDercreek, Briggs, Wiese, Abrahamsen.

Upper: *Tom Fisher awards a prize to Roger Stetson at the ATO pledge fireside.* Lower: *Bartenders drinking the profits at the ATO-AGR fireside.*

Every day was a busy one for the ATO's. Bill Dwine and Marty Hollister vied for being the busiest members of the house. Dwine was president of Social Bureau, vice-president of Interfraternity Council and a member of Iowa State Players and the Theater Workshop. Hollister served as special service chairman of the Pep Barbecue, ticket chairman of the Junior Prom, publicity chairman of "Wintermezzo" and treasurer of the *Scientist*.

Honoraries Phi Eta Sigma, Pi Tau Epsilon, Pi Mu Epsilon, Knights of St. Patrick, Scabbard and Blade, Sigma Delta Chi and Tau Beta Pi claimed ATO members on their rolls.

ATO's working on publications were Richard Kern on the advertising staff of the *Scientist*, and on the *Iowa Engineer* were Ken Kampfe, treasurer, and Jim Landes, managing editor. Lee Dice was assistant treasurer of the *Agriculturist*.

Of men, women and dog.

Betas entertained at a Pirate Party.

Beta's won the Veishea Parade Sweepstakes Trophy and filled top positions in Veishea, Homecoming and publications

Front Row: Augustson, Cummins, Matheson, Hollowell, McElhinney, Bredar, McCorkindale. *Second Row:* Mortimer, Wiegman, Guernsey, Evans, Mengel, Evans, Ditzenberger, McGlynn. *Third Row:* Schienbein, Wulf, Busbee, Oliver, Duesenberg, Schweiger, Voss. *Fourth Row:* Kelleher, Jacobsen, Beuder, Stamy, Pierson, Rivedal, Bradstreet. *Top Row:* Robison, Southard, Snyder, Teichman, Bonson, Dickinson, Muir.

Front Row: Swanson, Drummond, Mackey, Mrs. Jones, Monroe, Kingery, Baker. *Second Row:* ShawVan, Smalley, Maxwell, Heller, Feldman, Russell. *Third Row:* Byrne, Litscher, Robinson, Jorgenson, Parks, Hildreth, Arends. *Fourth Row:* Haskell, Maddocks, Albrecht, Chambers, Ross, Aikman, MacLaughlin. *Top Row:* Christian, White, Burns, Lorenzen, Verner, Compton.

Founded 1839
Local 1905
93 Chapters

2120 Lincoln Way

BETA THETA PI

John McElhinney was only one of the members of this fraternity to hold prominent positions on campus. "Mac's" publication work included the *Iowa State Daily* and the *Green Gander*. He is a member of the Knights of St. Patrick and Sigma Delta Chi and was president of Cardinal Key.

Other outstanding activity men in the Beta House were Logan Monroe, Homecoming general chairman, *Green Gander* treasurer and member of Cardinal Guild and Ag Council, and Jim McCorkindale, who has worked on the *Iowa State Daily*, the *Green Gander*, the *Bomb* and the *Scientist*. Jack Mackey served as business manager for the 1949 Veishea and was named St. Pat at the Engineer's Ball.

The Beta's Veishea float took the Sweepstake's Trophy last spring for all floats entered. The men began the year with the traditional breakfasts for sorority pledges and the Beta Barbeque.

Varsity athletes in the Beta house were Kent Drummond, captain of the tennis team; Gerry McGlynn and Tom Southard, football; and MacDonald Verner, track.

Achievements in scholarship and activities of Concordia were elected to Alpha Zeta and A "Gay Nineties" party highlighted their

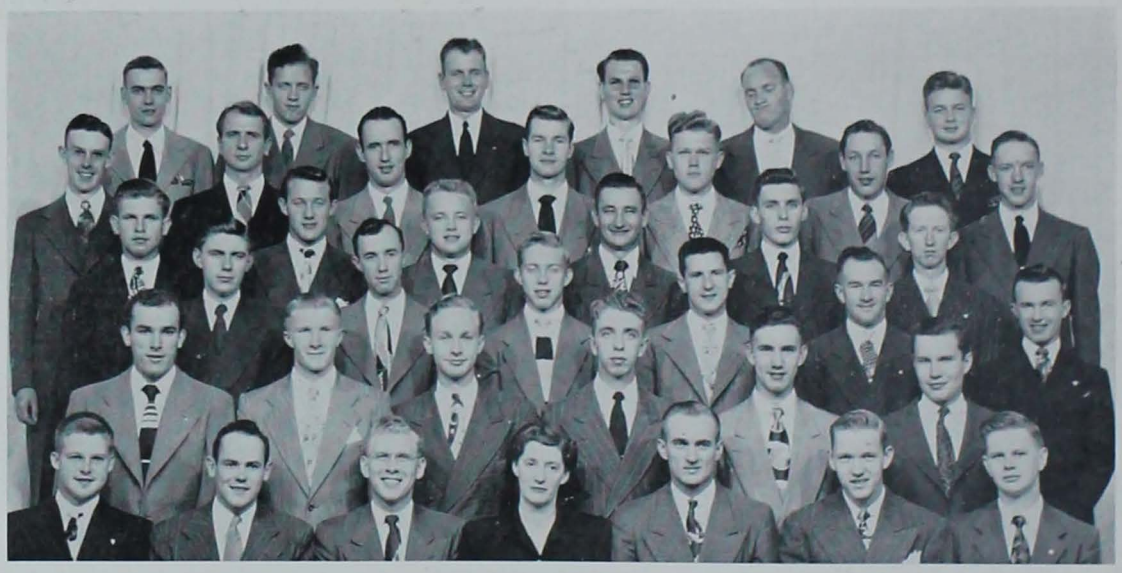
2228 Lincoln Way

CONCORDIA

The newest fraternity on campus, Concordia, proved last year that you don't have to be long-established to get into activities.

Twenty-one members or pledges of this new group belonged to their divisional clubs and two honoraries were represented in the house. Norbert Dorrow is a Knight of St. Patrick and Lloyd Sievers belongs to Alpha Zeta, agricultural honorary.

Chapter officers included Willys Wunder, president; Orval Friedrich, vice-president; Wesley Lage, secretary; and Wesley Goecker, treasurer.



Front Row: Goecker, Sievers, A. Feldt, Miss Herman, Dorow, Blumenthal, Johnsen. *Second Row:* Wunder, Koth, Gudmundson, Hagen, Denny, Mahannah. *Third Row:* Hanchett, Oelke, Linduski, Hoffman, Jobst, Gesell. *Fourth Row:* Jessen, R. Feldt, Dockstader, Friedrich, Huedepohl, Bohn. *Fifth Row:* Blume, Herrmann, Lamb, Wolfe, Brown, O. Sunderman, L. Sunderman. *Top Row:* Madden, Borchman, Lage, Burmester, Bentley, Schuman.

were recognized as men
Knights of St. Patrick.
busy social calendar.

A Local Fraternity
Founded 1948

Upper: *Den of iniquity flourishes at a Concordia party.*
Lower: *Mary Cele Harvey gets in the last word.*

Rodney Hanchett and Al Kuhl represented Concordia in the band, and Hanchett also worked on the *Iowa State Daily* and the *Agriculturist*.

Norbert Dorrow was on the livestock judging team and placed seventh in the national individual competition at the International Livestock Show in Chicago.

Don Cochran was on the varsity wrestling team and Don Blumenthal won a letter on the varsity rifle squad. President Willys Wunder was awarded the AkSar-Ben scholarship for outstanding work in agriculture.

Social events sponsored by Concordia included a hay ride, a "Gay Nineties" party, a Valentine party, a "Snow Frolic" and the annual "Spring Phantasie."

Concordia was established on the Iowa State campus as a club under the sponsorship of Beta Sigma Psi, national Lutheran social fraternity, in December, 1945. It was recognized as a local fraternity during summer quarter, 1948, and expects to be installed as a chapter of Beta Sigma Psi in the near future. The national organization was established at the University of Illinois in 1925.

Upper: *Hot gin rummy game breaks up the monotony of studying.* Lower: *How hard can the times get?*

Two Delta Chi's hela active in varsity and cars set the scene for

405 Hayward

Founded 1890
Local 1923
41 Chapters

DELTA CHI

Five varsity lettermen in the house were the proud boast of the Delta Chi's this year. Heading the list were the Meyers brothers, Jim and Bill, who shone on the gridiron, followed by Lornie Paulsen and two other Cyclones, John Pottebaum and Miles Camery.

Other varsitymen in the house were Gerry Nelson, track; Mort Nelson, who managed the football team; and Russ Thompson, track manager.

House officers were Dale Hansel, president; Bob Ojendyk, vice-president; Paul Cagly, recording secretary; Bob Johnson, corresponding secretary; and Reynold Busse, treasurer. Handling the house social affairs was Ed DeBakey.

major offices in 630 Club while others were intramural athletics. Murals depicting box their annual fall dance, the "Hobo Party."

Rel Moorcroft, a Delta Chi man, served as circulation manager of the *Iowa Engineer* while Tom Sieben was a member of the staff. On the *Agriculturist* were Russell Hammond and Wallace Wicks. Roger Young worked on the *Green Gander*.

Craighton Knau was one of the leading performers in Radio Workshop and Radio Players and also was master of ceremonies at several of the Union Night Clubs.

Two officers in the 630 Club were Delta Chi's. Bob Seaton served as treasurer and Bob Weber was the club's student coordinator. Ed DeBakey represented the house on Social Council and Paul Cagley served on the Intramural Board.

President Dale Hansel is an active member of Tau Beta Pi, engineering honorary. Roger Young and Hansel are affiliated with Tau Sigma Delta, national architecture and allied arts honorary. Bob Ojendyk is a member of Scabbard and Blade military fraternity.

Charles Anderson was secretary-treasurer of the Ag Econ Club and Reynold Busse was general chairman for Veishea open house in the Agricultural Economics Department.

Outstanding social events of the year at the Delta Chi house were the annual "Hobo Party," held in the fall, and the winter formal.

Front Row: Armstrong, D. Johnson, Proudfit, Wicks, Anderson, Mrs. Schwendener, Hammond, Ojendyk, Wiedemann, R. Gilbert. *Second Row:* Jackson, Busse, Moorcroft, Harms, Seaton, F. Gilbert, Sieben, Larsen, J. Myers. *Third Row:* Cooper, E. Currie, Randolph, McKirchy, Young, Pottebaum, Chandler, Schade. *Fourth Row:* Jasper, Bein, M. Nelson, Lundsgaard, Weber, Gagnon, Levien, Mills, B. Myers. *Fifth Row:* R. Currie, Davidson, Nichols, Kohlmann, Hansel, Thompson, Cagley, DeBakey. *Top Row:* Paulson, Camery, A. Nelson, Rice, Mark, R. Johnson, Stevens, Scott, Ohms.

Mrs. Stratton concentrates during a serious game at the Delta Sig house.

The navy predominates at Delta Sig soiree.

With 20 men graduating this year, the Delta Sig's claimed men in five honoraries and president of Joint Social Council

Front Row: Crowley, Hibbitts, Hochstetler, Mrs. Stratton, Wakeley, Gould, Bollman. *Second Row:* Lillig, Perrin, R. Hughes, Jackson, Buchanan, C. Duroe, Winner, Menzel. *Third Row:* Davis, Riddle, W. Hughes, Routh, Plocker, Turrell, McLain. *Fourth Row:* Dunlavey, Delaney, Pederson, Kuhl, Holmes, Schaefer, Reed. *Fifth Row:* Haislet, Hedberg, Ross, Fredbloom, Spence, G. H. McGraw, Small. *Top Row:* Olson, Lisle, Diercks, R. Hansen, C. Hansen, Hedlund, Westmark, Burke.

Front Row: Ullestad, Frederickson, G. P. McGraw, Thompson, Johnston, Edwall. *Second Row:* Hardt, Quinn, Lennon, Hughes, Stoll. *Third Row:* Guyer, Bloomberg, Olson, Funkhouser, Vermazen, R. Duroe. *Fourth Row:* Ankeney, Hendrickson, Gildermaster, Hamilton, Allen. *Top Row:* Cox, Sutherland, Beer, Voight, Clard, Bartell.

Founded 1899
Local 1926
45 Chapters

218 Ash

DELTA SIGMA PHI

Helping to direct activities of campus publications were Richard Haislet and Kenneth Quinn on the *Iowa State Daily*. On the *Iowa Engineer* were Bob Bloomberg and Russ Stoll, personnel manager. Don Riddle was advertising manager of the *Ames Forester*.

The musical side of the campus found William Winner an orchestra member and Bill Buchanan belonging to chorus.

Duncan Ross was president of Social Council while John Hamilton was treasurer of Cardinal Guild. John Hedlund was a member of Cardinal Guild and Engineering Council. Bob Reed was points chairman for Intramural Council.

Five major honoraries claimed members from the Delta Sig house. Russ Stoll is active in Eta Kappa Nu and Tau Beta Pi. Gene Gildermaster, also a Tau Beta Pi, is a member of Pi Tau Sigma. John Hamilton is active in the Knights of St. Patrick and George McGraw in Phi Mu Alpha.

The Delta Sigma Phi's took time out for their "Apache Dance," the "Sailor's Ball" and the annual spring formal.

Delt's won the snow Sculpture Trophy; "Orchid Formal" was leading social event

101 Hyland

Founded 1859
Local 1875
80 Chapters

DELTA TAU DELTA

The Delt "Orchid Formal" on February 19 in the south ballroom of the Memorial Union was a big social event in the Delts' year. Their tea dance featuring the "Four Shades of Rhythm" was also a great success. Two other parties, the spring formal at the Country Club and the "Hobo Party," were listed high in their social life.

Members also tried to be present at various athletic events to watch some of their men as they participated in swimming, football and golf.

Delt sculptors molded Snow White and the Seven Dwarfs for Winter Sports Carnival contest.

Mrs. Peden receives the white orchid at Delt formal.

Front Row: Wilkinson, Lothringer, Roose, Beckman, Mrs. Peden, Hansen, Litteral, C. Mahnke. *Second Row:* Schwab, P. Strohm, Wicklund, Hartnett, Mudge, Copeland, Ostrand, Matthews. *Third Row:* R. Smith, Krob, Oppenheimer, G. Smith, McKee, Haddick, Blythe. *Fourth Row:* Palmer, Knierem, Konzen, Vogelgesang, Reed, Riede, Gurney, Clark. *Fifth Row:* Meeks, Aigler, Samuelson, L. Strohm, Werhane, Kirk, Fox, Becker. *Top Row:* Sweeny, Bones, Nordquist, Waterland, Busch, Carroll, R. Mahnke, LaBerge, Haw.

Delta Tau Delta's kept busy with campus publications and their departmental clubs

Another cup was added to the Delts' trophy case for their snow statues of Snow White and the Seven Dwarfs during the Winter Sports Carnival. Under the direction of Bruce Kirkpatrick and Boyd Gurney they won first place in the men's residence competition.

This spirit of cooperation showed itself in many other campus activities. Members were found in honoraries, athletics, divisional clubs, publications and musical organizations.

Honorary Greeks are William Beckman, Pi Tau Sigma; Jack Hansen, Eta Kappa Nu and Tau Beta Pi; and Charles Vogelgesang, Phi Eta Sigma.

Hansen was *Bomb* photography head and Vogelgesang was an associate editor.

Another active Delta Tau Delta, Robert McKee, was business manager of the *Scientist*, on the Science Publication Board, and the YMCA Cabinet.

Secretary and treasurer of the Iowa State Society of Industrial Economists were Bob Haw and Walter Ostrand. McKee was on the board of directors of the same society.

Cheerleader Robert Meeks was also a member of Pep Council and Student Properties Board. Chorus and Glee Club took much of Roger Litteral's and William Busch's time. Leland Roose was an Iowa State Debater.

President of Intrafraternity Intramural Association was a Delta Tau Delta, Dean Becker. Treasurer of Interfraternity Council was William Beckman.

Upper: *Annual DU Dogpatch Party featured Lonesome Polecat* (center) *and short skirts* (all over). Lower: *Bull session at the old lodge.*

DU's guided activities Board, Cheer Squad and Upsilon when three of

311 Ash

Founded 1834
Local 1913
64 Chapters

Front Row: Borgmeyer, Hanna, Renken, Clapp, Alford, Shafer. *Second Row:* Snyder, Linnan, Johnson, Meyer, Lotspeich, Beedy, Morse. *Third Row:* Bettes, Mingus, Ipsan, Coleman, Broshar, Hedstrom. *Fourth Row:* Anderson, Ahlvin, Wegner, Murphy, Nebergall, Nelson, Blackburn. *Fifth Row:* Kelly, Dunlop, Welch, Petersen, Armstrong, Steen, Searl, Wood. *Top Row:* Millotte, Schermer, Frink, Ternes, Pate, Neff, Stevenson.

for Engineering Council, Bomb Publication the Scientist. Spring honors fell to Delta its members were tapped for Cardinal Key.

DELTA UPSILON

Veishea saw Phil Mayer, Dick Hanson and Leo Schneider tapped for Cardinal Key. Schneider served this year as treasurer of the organization.

Robert Wilde and David Lovell were members of the *Bomb* Publication Board. Wayne Micheel was Sports Editor of the *Bomb* and Bill Alford handled sports copy for the *Iowa State Daily*.

Two DU's were active on the *Iowa Engineer;* Chauncey Close as tech notes editor and Donald Shafer on the publication board. Mike Brodine was editor of the *Scientist* and the *Agriculturist* staff included Richard Wood.

Honoraries, divisional clubs and other activities took much of the DU's time. Donald Shafer was president of Engineering Council, a member of Tau Beta Pi, Eta Kappa Nu and Knights of St. Patrick.

Basketball player Leo Schneider was a member of Science Council. Robert Wilde is a member of Knights of St. Patrick and Sigma Delta Chi. Wilde served on Engineering Council and was the Engineering Representative to Cardinal Guild.

President of the 630 Club, Jack Paetz, and three cheerleaders came from the DU house. Bill Ritts was head cheerleader and was helped by Ed Ritts and Jack Smith.

Front Row: Danielson, Larsen, Wilde, Mrs. Lehan, Cooke, Lawrence, Fleck. *Second Row:* Brodine, D. Lovell, Worden, Smith, Grobeck, Mullenix, McKinstry. *Third Row:* Brown, Rounds, Pflueger, Batchelder, Posakony, Garren. *Fourth Row:* Hoppenrath, Paetz, Schlutius, J. Lovell, Keyes, Marshall, Crnkovich. *Fifth Row:* Benson, Bentz, Heysinger, Paulson, Close, Micheel. *Top Row:* Ritts, Petersen, Schneider, Pederson, Schlick, Christenson, Sigman.

The "Farmer's Frolic" and the winter formal
social life. Members held key positions in
kept the fraternity scholarship cup with a

311 Ash

FARMHOUSE

Chet Randolph and Bob Crom sewed up at least a corner of the Veishea festivities this year. Randolph took over as public relations director while Crom was chairman of Veishea Vodvil. Deane Rinner, Don Grieman and George Lancaster did their bit for FarmHouse by holding down chairmanships on the Veishea Horse Show committee.

Sigma Delta Chi, Gamma Sigma Delta, Alpha Zeta, Phi Eta Sigma, Phi Zeta, Cardinal Key and Scabbard and Blade claimed FarmHouse men as members.

Front Row: Cheney, Rinner, Bull, Mrs. Smith, Monson, Jacobs, Skinner. *Second Row:* Lancaster, Zmolek, Rhodes, Greiman, Dahlberg, Clague, Grosvenor, Thomsen. *Third Row:* Bryant, Beckett, Flater, Lowe, Dyas, Whipple, Carlson. *Fourth Row:* Bennett, Greene, Lloyd, Henriksen, Hunter, Lyon, Skjerseth. *Fifth Row:* Beneke, Scheider, Myers, Lyon, Cook, Beaver, Anderson. *Top Row:* Rossiter, Randolph, Patterson, Bruene, Hoopes, Sandage, Crom.

highlighted FarmHouse activities but still house average of 2.83.

Founded 1905
Local 1927
9 Chapters

Upper: *FarmHouse men and dates bend an elbow.*
Lower: *The pause that refreshes.*

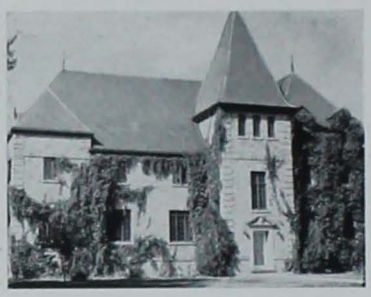
The first Little International Livestock show since pre-war days had two FarmHouse men in key committee spots. Art Bennett was co-chairman and Jim Beckett headed entertainment. Don Grieman and John Patterson were stock superintendents.

FarmHouse fairly bristled with journalists. Dave Bryant was editor of the *Agriculturist*. Jim Sharon worked on the *Daily* copy desk while Deanne Rinner, Bob Crom and Alvin Bull gathered in campus news. Melvin Carlson and Loren Polson represented the house at the WOI Radio Workshop. Bull was also in the Iowa State Debaters.

Other jobs helped keep the men at 311 Ash busy. Cardinal Guild was represented by Thomas Clague. Torlief Skjerseth was business manager for Religion in Life Week. Bob Crom was a member of the Union Board and was chairman for the Union Night Club.

But all was not work for the FarmHouse men. On the social slate were "The Farmer's Frolic," a winter formal and the spring barbecue.

Kappa Sigma men won membership in five honoraries. Many worked hard in musical organizations and campus publications



KAPPA SIGMA

Complete with western atmosphere created by 10 gallon hats, boots and western twangs, the Kappa Sig's presented their annual "Western Dance." Kappa Sig social activities included both formal and informal parties.

On their list of formal social events was their annual "Black and White Formal." Decorations carried out the traditional black and white theme. Kappa Sig pledges also presented their pledge formal. Other social activities included firesides and informal parties.

Founded 1869
Local 1909
110 Chapters

Front Row: Ogg, Waltz, Harrington, Mrs. Hoxie, Krauskopf, Geisinger, P. LeBuhn, Knox. *Second Row:* Cummings, Bradley, Price, Brahms, Wiley, Truax, Fieweger. *Third Row:* Buchanan, Crowley, Brandner, Gaskill, Brennecke, Elwood. *Fourth Row:* Coe, Barrett, Miller, Wissler, Wirth, Gay, Luginbuhl. *Fifth Row:* Renaud, Kauffman, Beard, Norton, Helble, Foley. *Top Row:* Langfeldt, C. LeBuhn, G. Fox, Loveall, Oberlin, Wilkens, Young.

Front Row: Handley, Garton, Mader, Petrik, Sward, Byrne. *Second Row:* Jensen, Patterson, Scharff, R. Fox, Bilhorn. *Third Row:* Melas, Grinstead, Brown, Shurter, Lantz, Whitfield. *Fourth Row:* Eggert, Crabtree, Davis, Hawes, Leithead. *Top Row:* Kepcke, Reimers, Everds, Thompson, Ocheltree, Richart.

Upper: *Kappa Sig's display the latest in campus fashions.*
Lower: *"But I like to sleep in my clothes."*

Key positions on campus publications were held by journalistic Kappa Sig's. As sports editor, John Anderson directed sports activities for the *Iowa State Daily* both spring and fall quarter. John was also treasurer for Sigma Delta Chi, men's professional journalism fraternity.

George Fox worked on both the *Bomb* and the *Green Gander*. Kappa Sig's held positions on the *Agriculturist, Green Gander, Scientist* and the *Ames Forester*.

Kappa Sig band members literally marched off with activity honors. Iowa State's band, orchestra, glee club and chorus were well populated with Kappa Sigma's. Paul Langfeldt is in Phi Mu Alpha.

Other honoraries in which the Kappa Sig's were active are Pi Tau Sigma, Sigma Delta Chi and Scabbard and Blade. Phi Eta Sigma members are Jack Petrik, John Wiley, Bob Wilkens, Rod Crowley and Dean Helble.

Upper: *President Phil Whiteman receives Lambda Chi Alpha charter from national officer H. Coleman Knolin.* Lower: *Sheldon-Munn Hotel was the scene of Lambda Chi reactivation formal.*

Despite difficulties Alpha's moved into 203 28 members reactivated

Founded 1909
Local 1919
129 Chapters

LAMBDA CHI ALPHA

On December 4, 1948, the local chapter of Lambda Chi Alpha, inactive for several years, was officially reactivated and took its place among the social fraternities on the Iowa State campus. One of the highlights of the reactivation ceremonies was a formal dinner dance given at the Hotel Sheldon-Munn.

The Lambda Chi's were not on campus very long before making a name for themselves, as more and more of their members acquired positions in various campus activities.

The men bought a house at 203 Ash and moved in during spring quarter. Soon after reactivation the chapter claimed 28 members at Iowa State.

in remodeling their house, the Lambda Chi Ash during spring quarter. The chapter's the fraternity at a formal dinner dance.

Four Lambda Chi's are members of honorary fraternities, with Wayne Kinney a member of Eta Kappa Nu, James Dolph and Glen Frizell in Phi Eta Sigma and Ted Blickwedel in Tau Beta Pi.

Three of the brothers represented the fraternity on the varsity track team. They were R. G. Wolf, John Ericson and Edward Peck.

Many of the men were active in their divisional clubs. R. G. Wolf and Otto Bundy belonged to the Horticulture Club; Ray Ethington to the Geology Club; Martin VanDreser to the American Ceramic Society; and Phil Whiteman, Don Robinson, Bob Campbell and John Ericson to the American Society of Civil Engineers. Jim Dolph was president of the American Ceramic Society.

R. G. Wolf was in the Concert Band and Bill Moats represented Lambda Chi Alpha in Iowa State Players. Ray Ethington was a member of the Intramural Board and Don Werner belonged to Social Council.

Chapter officers elected during winter quarter were Bob Carpenter, president; Jim Dolph, vice-president; Wayne Kinney, secretary; and Bill Carson, treasurer.

Lambda Chi Alpha was founded at Boston University, Boston, Massachusetts, in 1909. For several years it has stood at the top of the list in number of chapters.

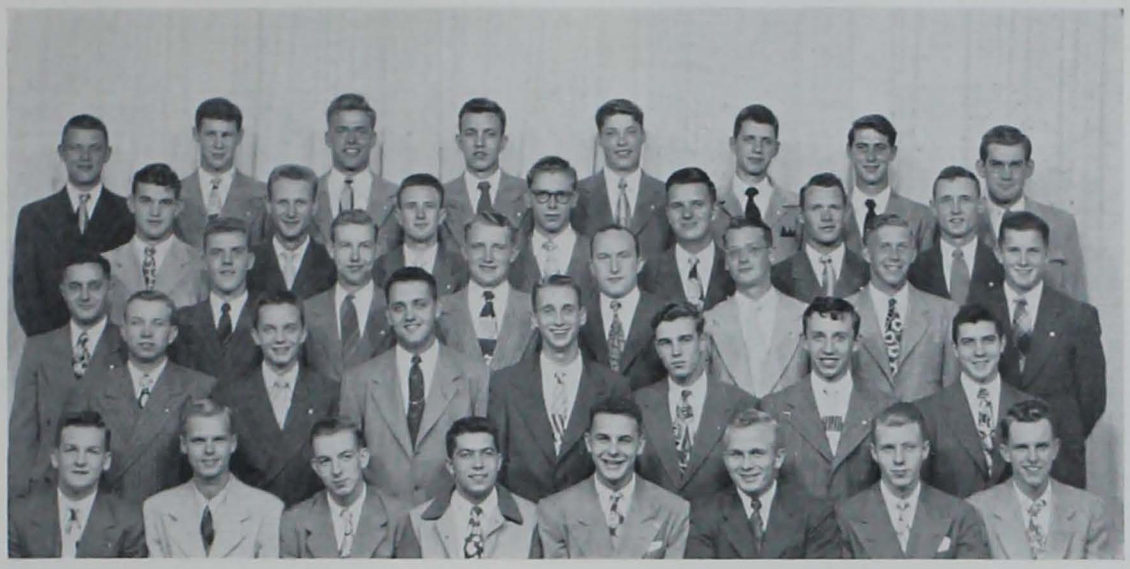
Front Row: Blickwedel, Van Dreser, Whiteman, Campbell, Robinson, Frizell. *Second Row:* Moats, Boltz, Mueller, Werner, Smith, Walter, Capell. *Third Row:* Carpenter, Ethington, Bundy, Peck, Ericson, Young. *Top Row:* Ostria, Carson, Kinney, Peabody, Wengert, Dolph.

Cooperate and graduate.

The Bowery Ball is a high point on the Phi Delt social calendar.

Iowa State Phi Delt's were awarded the Harvard Honor Trophy when selected the most outstanding chapter in the nation

Front Row: Dehoney, Whealen, Stone, Koch, Mrs. Gesler, Loetscher, Voss, Bryan. *Second Row:* Clark, Poole, Caine, Ditsworth, Montague, Berry, Everett. *Third Row:* Lattin, Miller, Bittner, Bragdon, Sjurson, Loonan, Smith, Maney. *Fourth Row:* Schulenburg, Pusey, Sayers, Larson, Ethington, Connelly, Roberts. *Fifth Row:* Mackey, Beckerle, Knight, Martin, Lowry, Carrithers, Paugh, Dorsett. *Top Row:* Jessup, Reese, Van Sickle, Illeman, Bunge, Roy, Campbell.



Front Row: King, Halden, Schulz, Pape, Lanza, Grundman, Smith, Holmes. *Second Row:* Glotfelty, Hukill, Lowry, Nelson, Howland, Rostermundt, Koch. *Third Row:* Miller, Sandahl, D. Brown, N. Brown, Bennitt, Hiserodt, Rothacker, Swan. *Fourth Row:* Attebury, Wold, Wagner, Cownie, Speicher, Lingenfelter, Mosher. *Top Row:* Mellinger, Youngblade, Meyer, Campbell, Lindgren, Twetten, Allen, Barron.

Founded 1848
Local 1913
108 Chapters

325 Welch

PHI DELTA THETA

The Phi Delts kept up their record this year for being one of the leading fraternities in activities with brothers holding positions in musical organizations, publications, dramatic groups, Veishea, various honoraries, varsity teams and divisional clubs.

A couple of the "bigger wheels" in the house were Verne Koch, general chairman of Veishea and business manager of the Engineer's Carnival and Ray Montague, guest chairman for the Little International Livestock Show. James Smith was assistant business manager of the *Bomb* and Wendell Willer, president of Agricultural Council.

Lettermen in the house included Dick Ditsworth and Dave Maney, wrestling; Bernard Everett and James Miller, track; James Lindgren and Charles Cownie, swimming; and Mark Rothacker and Thomas Grundman, football.

Outstanding social functions of the year for the Phi Delts were the Winter Formal and the "Phi Delt Bowery."

The local chapter won the Harvard Honor Trophy, awarded annually by the national organization to their best chapter.

Upper: *Phi Gam Santa has what he wants for Christmas.*
Lower: *Doug Smith and Norm Filbert apply the artistic touch to the Homecoming decoration.*

Phi Gam's claimed four honoraries. The year's of the winter quarter

325 Ash

Φ.Γ.Δ.
φώμή

Founded 1848
Local 1907
74 Chapters

Front Row: Gehrmann, Pecaut, Shugart, Norene, Stoddard. *Second Row:* Ghostley, Bolton, Smith, Tholl. *Third Row:* Turner, McDonald, Lane, Parkhill, Moorhead. *Top Row:* Sorenson, Hoak, Dunker, Goebel, Wallace, Cassling.

Knights of St. Patrick and men in six other "Most Tipical Engineer," and the co-author production of "A Hair, Perhaps," were Fiji's.

The men of Phi Gamma Delta held many positions in clubs, teams and honoraries and continued to rank as one of the highest groups on campus in activities.

Jabe Bell belongs to four different honoraries, no mean achievement. He was vice-president of Tau Beta Pi and a member of Eta Kappa Nu, Pi Mu Epsilon and the Knights of St. Patrick.

Other Knights of St. Patrick in the Phi Gam house were Norm Filbert, Chuck Brandt and Jerry Peace. Dud Ruisch is a Pi Tau Sigma and Joe Crawford and Andy Hughes were vice-president and historian respectively of Phi Eta Sigma.

Varsity men in the house were Paul Gorham, football; Dud Ruisch, basketball; Phil Wright, track; and Rog Marsh, wrestling.

Chuck Brandt was chosen as this year's "Most Tipical Engineer" in an all-college election. Jerry Peace was president of Radio Players and ASME. Norm Filbert, Jerry Moorehead and George Stocking belonged to the Iowa State Players, of which Paul Hackett was publicity chairman.

Hackett also worked on the *Iowa State Daily* and on *Spray*, the NROTC magazine. Jim Kremers was on the staff of *Sketch*.

Dud Ruisch was on Engineering Council and John Farmer was co-chairman of the Interfraternity Pledge Council and Veishea dance chairman.

Front Row: Hess, Peterson, Ruisch, Mrs. Rowe, Farmer, Collins, Reusche. *Second Row:* Naugle, Hackett, Marsh, Fischer, Thomson, Doll, Fitzsimmons, Sandine. *Third Row:* Wilson, Filbert, Crawford, Wieters, Cooper, McNulty, Buck. *Fourth Row:* Ziebell, Cottingham, Giese, Hughes, Kremers, Holton, Hall. *Fifth Row:* Brewick, Irwin, Bell, Hanssen, Brandt, Kubec, Johnson. *Top Row:* Gould, Smith, Wilcox, Shepard, Anderson, Haley, Wright, Jacobson.

Athletics and social events kept Phi Kap's busy. Two held posts on Winter Sports Carnival and Intramural Board.

2110 Lincoln Way

Founded 1889
Local 1924
27 Chapters

PHI KAPPA

As president of the Winter Sports Club, Jack Malloy headed Iowa State's most successful Winter Sports Carnival the last weekend in January. The two-day affair featured ski meets, ice skating, crowning of a king and queen and was brought to a grand finale with the "Snowball."

Although most of Jack's time was spent making plans for the Winter Sports Carnival, he also found time for the Industrial Economics Club as did Jerry Quinn and Mike Anastasi. Industrial Education Club had on its roll Ed Newton and Walter Alley who was also secretary for the organization.

Front Row: Quinn, Gervals, Mrs. Williams, Morlock, Riordan. *Second Row:* Henrich, Mallozzi, Goodman, Long, P. Alley. *Third Row:* Mayer, W. Alley, Blichmann, R. O'Connell, Scallon, Murray. *Fourth Row:* Reynek, Schoeffler, Riches, Flynn, Maloy. *Top Row:* Scholten, Jessen, Cunningham, De Marle, Sumner.

Front Row: Chydomelka, Morterud, Lafeber, Lannan, Blichman. *Second Row:* Huspen, Svien, Schmitt, Siererding, Fitzgerald, Kelley. *Third Row:* Anastasi, G. O'Connell, Kelsh, Stuker, Suchan. *Fourth Row:* Wollney, Hamilton, Green, Boesen, Kovarik, Tomascheski. *Top Row:* Schweers, Reif, Scallon, Rech, Fitch.

Upper: *Colonel Mike and his sidekicks stand guard at Phi Kappa house.* Lower: *Punch in a dirty glass and pseudo black eyes added to Phi Kap pirate party.*

Alvin J. Riches led the Phi Kap's in campus musical organizations, belonging to glee club and chorus.

On the advertising staff of the *Scientist* were Jerry Quinn and Mike Anastasi. Albin Schweers kept busy on the editorial staff of *Sketch*. United Nations Club found Dave Demarle as secretary.

Assisting in guiding social activities at Iowa State was Harvey Blichman, member of Social Bureau; Johnny Lannon, head of Veterinary Ball; and Frank Wollney, chairman for Military Ball.

Rounding out the sports life of the Phi Kappa men were Robert Morterud, president of the Intramural Board and Ellis Jessen, member of the varsity football squad. The Phi Kap's with some pretty smooth pitching won the class A intramural softball trophy spring quarter.

A seaside atmosphere and the women's skirts six inches above the knees lent a "new look" to their "Pirate's Ball."

John Wilcox emcees as Phi Psi pledges entertain their dates in a somewhat unusual manner.

Phi Psi athletes pulled Pi Phi team to victory in the toboggan race.

Phi Psi's edited two campus publications, won letters in five sports and claimed the vice-president of the student body

Front Row: Carlson, Stewart, Barickman, Cooney, Van Eaton, Davis. *Second Row:* Hicks, Sevey, Bushnell, Hattery, Swearingen, Ferris, Sajbel. *Third Row:* R. Pickford, McHenry, Howell, Magoun, Steffen, Whitford. *Fourth Row:* J. Pickford, Don Thiel, Vail, Williams, Dresden Thiel, Egeland, Garfield. *Fifth Row:* Dinham, Muschott, Galloway, Focht, Morris, Judd, Cahoon. *Top Row:* McKee, Galvin, Kohl, Atherton, Brettman, Berg, Wilcox.

Front Row: Tubbesing, Pickford, Mactier, Mrs. Wimmer, Garfield, Makeever, Kornbaum. *Second Row:* Nettleton, Bice, Peiffer, Marth, W. Smith, Leverett, Morris, Henely. *Third Row:* Hall, Peters, Dodd, Magoun, Curtis, Bourne, Winslow. *Fourth Row:* Faith, Hamilton, N. Smith, Barber, McHenry, Semler, Couffer, Wind. *Fifth Row:* Chauncey, Pinneo, Shields, Greene, Beatty, McFerson, Calvert. *Top Row:* Paulsen, Norman, Castner, Kennedy.

Founded 1862
Local 1913
52 Chapters

316 Lynn

PHI KAPPA PSI

Five Phi Psi's were consistent starters on the 1948 Cyclone football eleven and three more were squad members. Leading the delegation from Phi Kappa Psi was Dean Laun, selected to the end position on many all-conference teams. Three of the men won basketball letters, and Don Paulsen, Cyclone center, established many new scoring marks. The Phi Psi's also claimed swimming letterman, Jack Winslow; wrestling letterman, Ralph Van Eaton; and several letterwinners in baseball.

The house didn't restrict its efforts to athletics, however, and had two of its members, Dave Garfield and Don Bice, in the top editorial posts on the *Bomb* and *Iowa Engineer*. Don Davis and Jim Nettleton were *Bomb* and *Engineer* associate editors.

"Stars Over Veishea" was capably handled by Leo Peiffer, director; Rollo Pickford, producer; and Jim Pickford, general chairman. Active in student government were Phi Psi's Don Bice, student body vice-president, and Dave Garfield and Rollo Pickford, members of Science and Engineering Councils respectively.

Active Phi Kappa Tau's were in ISC's Debaters, Players and on publications

1114 S. Hyland

Founded 1906
Local 1928
46 Chapters

PHI KAPPA TAU

Phi Kappa Tau, a newly reestablished fraternity on the Iowa State campus, had several of its members in prominent positions in various campus activities.

Gaylord "Mike" Robertson was business manager of the *Ames Forester* and vice-president of the Holst State Forest Committee. Bob Bartheld was vice-president of Iowa State Players and Jim Potter was a member of the Iowa State Debaters. Glee Club member Harlan Hosebrook was the musician in the Phi Tau house.

A rose by any other name would be as hard to put together.

A joker in the crowd at the Phi Tau Fantasy.

Front Row: Goode, Winey, Mrs. Maude, Gilmore, Gleason. *Second Row:* Woodward, Burhop, Sanders, Cummings, Balsbaugh, Krotz. *Third Row:* Allen, Hudson, Cashman, Mett, Robertson. *Fourth Row:* Finch, Johnson, Otterson, Fassett, Cutler, Jones. *Top Row:* Southwell, Onibruni, Tiemens, Pronske, Saupe, Hassebrock.

Phi Kappa Tau men presented the annual winter formal dance, "Phi Tau Fantasy"

House officers were Cleon Goode, president; Leonard Southwell, vice-president; Lowell Gleason, secretary and pledge trainer; Calvin Winey, treasurer; Laird Krozt, sergeant-at-arms; and Bill Cummings, social chairman.

Phi Kappa Tau was one of the many fraternities founded at Miami University, Oxford, Ohio, its date of founding being March 17, 1906. It was originally organized as a society to combat the "undemocratic practices and ideals of false aristocracy" that were common in college fraternities of that era.

Shortly after organization, the founders of the fraternity joined together with two other fraternities and a group of independent students to eliminate machine politics in campus elections. After successfully achieving this goal, the group banded together under the name of Phi Kappa Tau. This was how the Alpha, or first chapter, originally started functioning.

This initial chapter quickly started affiliating local societies on other campuses that were founded with the same or a similar purpose. Phi Kappa Tau was the second national men's social fraternity to erect a building for its national headquarters.

The fraternity constantly stresses scholarship and has in charge of this work a scholarship commission composed of well-known educators who are alumni of Phi Kappa Tau.

The local chapter was re-activated in the fall of 1947 and is now planning a new house.

PiKA's at work and play.

Six honoraries at ISC
men of Pi Kappa Alpha.
other interests while

2112 Lincoln Way

Founded 1869
Local 1913
82 Chapters

Front Row: Price, Kuhn, Monaweck, Mrs. Frank, Hanford, Helmstadter. *Second Row:* Janssen, Emerson, McGirk, Clock, Snyder, Nelson, Hasek. *Third Row:* Christensen, Elliott, Crosby, Cannon, Agne, Torgeson. *Fourth Row:* Schade, Campbell, Pratt, Loubert, Newburn, Williams, Teater. *Top Row:* Dinkel, Ribelin, Peterson, Fortney, Brickley, Swygard, Gray, Wendling.

found representatives among the ambitious Musical organizations and publications held a quick tempo was set at their house dances.

PI KAPPA ALPHA

Don Brickley led the Pi Kappa Alpha men in musical talents as a member of band, orchestra and Phi Mu Alpha. A close second was Bill McIntosh, soloist and glee club member. Bill Armstrong, Al Brickley and James Barewald were band members.

Frederick Christensen and Donald Loubert were on the staff of the *Iowa Engineer*. Paul Bishop served as a reporter on the *Iowa State Daily*. Research editor for the *Veterinary Student* was Walter Campbell.

Walt also served as business manager for the Veterinary Medicine Ball and was a member of the Veterinary Medicine Council and Cardinal Guild.

There were many honoraries represented at the PiKA house. Bud Bevins belongs to Phi Eta Sigma and Jack Cannon and Jerry Helmstadter are on the roll of Psi Chi. Jerry is also a member of Pi Mu Epsilon. John Jannsen is a member of Tau Beta Pi and Pi Tau Sigma.

On the Dairy Industry judging team was Delbert Nelson. Pi Kappa Alpha representative to the Social Council was Richard Peterson.

Socially speaking the PiKA's had a busy year. There was the "Homecoming Barn Dance," a Valentine party, the "Spring Dream Girl Ball" and the Senior Banquet.

Front Row: Cannon, Jackson, Beadle, McIntosh, Zivney, Brown, Seekamp. *Second Row:* Menerey, Knight, Stamy, Fisher, Harris, Christensen. *Third Row:* Armstrong, Bevins, Foley, Bauer, Schucker, Jergenson, Kinstler. *Fourth Row:* Coates, Bishop, Holt, Barewald, Fisher, Brickley. *Top Row:* Campbell, Peterson, Norton, Kinne, Buchanan.

Managing key posts on the Agriculturist and Scientist and memberships in four honoraries busied many Pi Kappa Phi's

407 Welch

Founded 1907
Local 1929
35 Chapters

PI KAPPA PHI

Social activities for the Pi Kap's included formal and informal dances, parties and firesides. The annual "Spring Rose Ball" was held in MacKay Auditorium this year. The winter formal was held in the chapter house.

On the list of informal parties was the Pi Kappa Phi Christmas Party and a "Suppressed Desire Party." There were both pledge and active firesides.

George Dubes was chosen Pi Kappa Phi Scholar, an honor that goes to the top Pi Kap's in the nation.

Front Row: Biederman, Perry, Brownson, Goetsch, Cuff, Scoville, Altman. *Second Row:* Spearing, Stoehr, Griffith, Fritz, D. Rickert, Stewart. *Third Row:* Kuester, Reihman, Smith, Reed, Proescholdt, Zisko, Hourigan. *Top Row:* J. Rickert, Wilke, Love, Landgraf, W. Rickert, Waite.

Front Row: Casey, Dubes, Cowles, Mrs. McCannon, Legg, Kern, English. *Second Row:* Gammell, Webb, Walters, Doerflinger, Crawmer, Muhm. *Third Row:* Fritz, Lowndes, Dole, Carson, McElhinney. *Top Row:* Barrett, Albertson, Legg, Basmann, Ryan, Townley.

The *Agriculturist* staff included many active Pi Kapa Phi's. William Kern served as advertising manager for the publication. Serving on the advertising staff were Peter Cuff, national advertising manager, and Forest Goetsch, Des Moines ad manager.

Other college publications on which Pi Kappa Phi's were active included *Sketch*, the *Scientist* and the *Ames Forester*. Tom English served on the editorial staff of the *Scientist* and was chairman of the Publication Board for *Sketch*. Paul Needham served as assistant editor of the *Forester*.

Manager of the Veishea Horse Show for 1949 was Joe Legg, who also was a member of the Livestock Judging Team. Richard Stoehr, vice-president of AIME, headed Veishea open houses for the Iowa State Mining Society.

Pi Kappa Phi's were well represented in campus honoraries with members in Knights of St. Patrick, Scabbard and Blade, Psi Chi and Phi Eta Sigma.

Upper: *Everything from baseball players to hula dancers attended the costume party.* Lower: *Pi Kappa Phi entertained formally at the winter house dance.*

The admiral of the SAE Showboat poses with part of the crew.

Science with practice.

SAE's added the intramural championship to a roster complete with honoraries, campus publications and musical activities

Front Row: Byers, Deyo, Jeffery, Williams, Berry, Wilson, Hines. *Second Row:* Bradley, Cooper, Holl, Sheperd, Stevenson, Iverson, McGehee, Fort. *Third Row:* Fenley, Hanger, Hoover, Delbridge, Sharp, Criss, Wolfe. *Fourth Row:* Spooner, Berray, Sogard, Foster, Bicker, Wennerstrum, Smaltz, Allinson. *Fifth Row:* J. I. Smaltz, Herndon, Schmidt, Barnes, Boylan, Downs, Galligan. *Top Row:* Wrant, Hogue, Gerwig, Stillwell, Morrison, Lundblad, Feeken, McCracken.

Front Row: Anderson, Frudden, Castner, Wood, Mrs. Penquite, McGehee, Holl, Simpson, Owens. *Second Row:* Vaughan, Sherman, E. Anderson, Genskoro, Ryan, Moore, Kimball, Brierly, Vanderloo. *Third Row:* Lindblom, Franquemont, Shive, Clay, Crawford, Menne, Robinett, Fairchild. *Fourth Row:* Noble, Swanson, Ball, Blackmar, Berka, Brotherton, Watkins, Carter, Dodson. *Fifth Row:* Tague, Hornstein, Buchanan, Linstead, Carlson, Hansen, Mau, Reynolds. *Top Row:* Stoery, Brigham, Erwin, Watson, Momberg, Hilmes, Olson, Grant, Nissen.

Founded 1856
Local 1905
114 Chapters

140 Lynn

SIGMA ALPHA EPSILON

John Sheperd, member of the basketball team, led the SAE's in varsity athletics. Four SAE's on the track team vied with four men on the football team, while their brothers chalked up points in intramural athletics to win the award for the highest number of intramural points accumulated during the year.

Brains seem to mix with brawn at the SAE house for men were found in six honoraries. Jack Berka topped the list as a member of Knights of St. Patrick, Tau Beta Pi and Phi Mu Alpha. Others are in Pi Mu Epsilon, Phi Eta Sigma and Eta Kappa Nu. Bruce Holl, vice-president of Science Council, was secretary of YMCA.

Twenty SAE's were found on nine publications including the *Iowa Engineer, Sketch, Iowa State Daily, Agriculturist, Ames Forester, Veterinary Student, Bomb, Alumni Directory* and *Horizons.*

The SAE's added two dances to their social life with the fall parties, "Show Boat" and "A Scene in Lower Slobovia." Firesides and their winter formal completed a year of social activity.

Upper: *Sigma Chi men entertained dates at afternoon tea.* Lower: *Elizabeth Brookhart was named Sweetheart of Sigma Chi with attendants Laurainne Houlihan and Jo Morris.*

Sigma Chi's whale was Scabbard and Blade and Chi's. "Sweetheart's

125 Hyland

Founded 1855
Local 1916
105 Chapters

Front Row: Dobson, R. Norris, Birdsall, Day, Sauerman, Kee. *Second Row:* Brusie, Eddy, Wymore, Mantel, Determann, Holler, Roedl. *Third Row:* Duffy, Follett, Giltner, Wiley, Grote, Howell. *Fourth Row:* McClure, Kelling, McMichael, Walker, Wherry. *Top Row:* Russell, Myers, Thorson, James, Neidigh.

proclaimed the best decoration at Homecoming. Knights of St. Patrick claimed five Sigma Ball" in February was the top social affair.

SIGMA CHI

At their annual winter dinner dance, the Sig Chi's presented their Sigma Chi Sweetheart, Elizabeth Brookhart. Highlight of the fall social season was their annual costume party. But social life did not occupy all the men's time since campus activities kept many of them busy.

Leonard Ranch was the booking agent for Cardinal Guild; a member of Student Union Board, Social Council, Social Bureau and three honoraries; Tau Beta Pi, Tau Sigma Delta and Knights of St. Patrick.

Other Sig Chi's who are members of the Knights are Robert Champlin and Paul Anderson. Paul is also a member of Phi Mu Alpha. Scabbard and Blade members are Vernon Hulets and Bob Jones.

Vice-president of Psi Chi, Wayne Collins was president of ISSIE and, with Rex Conn and Robert Walker, was active on Science Council.

Along the sports angle, Dick Burnett was varsity football manager and Tom Norris was manager of the varsity swimming team. Ed Howes was a swimmer and Bob Peterson starred on the basketball team.

Bob Walker was an issue manager of the *Iowa State Daily*, while Louis Rediger was on the *Bomb* staff and Jack Rhoads worked on the publication board of the *Scientist*.

Front Row: Anderson, Ranch, R. Champlin, Mrs. McGuire, Gerlach, Conn. *Second Row:* Eckles, Tyrrell, McCombs, Serovy, Lyons, T. Norris, Patton. *Third Row:* Newell, Pownall, Troeger, Toomey, C. Champlin, Woody. *Fourth Row:* Rhoads, Stewart, Koelling, Collins, Holets, Krieger, Rediger. *Top Row:* Bonthuis, Van Houten, Marelli, Jones, Sexauer, Harrington.

Knights of St. Patrick and Scabbard and Blade claimed six Sigma Nu's. Socially, their "Arabian Night's" dance was tops.

2132 Sunset

Founded 1869
Local 1904
99 Chapters

SIGMA NU

Social events at the Sigma Nu house got off to a fine start with their "Arabian Nights" party and the annual spring formal.

Among fall quarter's social events was the annual banquet for the housemothers and presidents of the dormitories and sororities. The "Sodbuster's Ball" was tops among informal firesides.

Sigma Nu's claimed four varsity athletes. Phil Brinkman and Wayne Seibold were active on the football squad, while Bob Brown and Tom Maine participated in swimming.

Front Row: Clark, Christensen, Maine, Thompson, Eckland, MacMurray, Houston. *Second Row:* Jones, Fitzsimmons, Robert, Halford, Town, Lochhead. *Third Row:* Murphy, Martin, King, Porter, Krueger, Brown. *Fourth Row:* Hough, Wertz, Case, Simpson, Johnston, Young. *Top Row:* Taft, Wetherell, Jacobsen, Abrahamson, Woodruff, Mulvihill.

Front Row: Leland, Hardie, Brinkman, Voiland, Mrs. Plagge, Peters, Wood, W. Maehr. *Second Row:* Parks, Davison, Ilgenfritz, Traver, Carman, R. Halford, MacFarlane. *Third Row:* Siebold, Palmer, Burch, Leach, A. Olson, Alcock, Akin. *Fourth Row:* Dougherty, Boher, S. Olson, Blizzard, Francescon, Molsberry, Milton. *Fifth Row:* Galvin, E. Maehr, Way, Skovlin, Haugan, Kral.

Upper: *Burning the midnight coffee when they'd rather burn the books.* Lower: *The White Star of Sigma Nu overlooks an afternoon exchange.*

The Sigma Nu's held many important positions in activities and honoraries this year. Phil Brinkman served on Agricultural Council and John Harvey was vice-president of Social Bureau, secretary of the Student Properties Board and a member of the Knights of St. Patrick.

Another Sigma Nu found in the Knights of St. Pat is Ted Maehr. Ted is active in Tau Beta Pi and was president of IAS. Ray Leach and Everett Blizzard are members of Pi Mu Epsilon and Blizzard served as the group's secretary this year. Scabbard and Blade claims its share of Sigma Nu's with Burl Parks, Dick Carman, Dick Lyons and Dave Maehr answering the roll.

The *Chicago Tribune* Gold Medal Award was won by Dick Lyons for excellence in ROTC. Jack Hardie and Bill Haugan were members of the Student Properties Board and Bob Porter was in the band. Ray Leach and Jack Molsberry worked on the *Iowa Engineer.*

Sig Ep bartenders dispensed sarsaparilla and good cheer at Saddle and Gun Club party.

15-2, 15-4 and a pair of kibitzers as Sig Ep's play cribbage.

Sig Ep's claimed men in seven honoraries and the Bomb business manager. Socially, the "Saddle and Gun Club" dance was tops.

Front Row: Orman, Graham, Cornell, Sites, Mrs. McClelland, Norrish, Weber, Brockelman. *Second Row:* B. Yungclas, Daw, Drechsler, Lynch, Lamb, Spangler, Ellis, Todd, Pennington. *Third Row:* Paulson, Webber, Thompson, Cassidy, Sherrill, Von Berg, Kiliper, King. *Fourth Row:* Carlson, T. Yungclas, Biller, Schoel, Schmitz, Cunningham, Jennings, Erickson, Mittelstadt. *Fifth Row:* Wilson, Steinbach, Williamson, Huber, Bromwell, Whitcomb, Sieck, D. Roos. *Top Row:* Burke, Gilles, Minard, Nelson, Siemens, L. Roos, Bokram, Ferris, Hall.

Front Row: Huston, Reil, Anderson, Marron, Hovey, Higgins, Ruppert. *Second Row:* Axthelm, Williamson, Berk, Cummins, R. Person, Rehal, Quade. *Third Row:* Rehm, Night, Shaner, Adam, Haller, McCormack. *Fourth Row:* Murphy, Terry, Skogg, Altman, Steinback, W. Person, Young. *Top Row:* Grieve, Sandberg, Erland, Kelley, Boecker, Platte.

Founded 1901
Local 1916
73 Chapters

228 Gray

SIGMA PHI EPSILON

The Sig Eps had a large number of men in just about every field of activity. Chuck Spangler was business manager of the *Bomb* and Dick Anderson was inventory manager. Joe Erickson was co-editor of the *Veterinary Student*.

Serving on Ag Council were Chuck Spangler, Don Roos and Chris Steinbach and on the Engineering Council were Gordon Pennington and Bob Lamb. Chuck Spangler and Joe Erickson were on the Union Board. Bruce Yungclas was president of Yel-Jax and Chris Steinbach was captain of the varsity track team.

Important positions were held by Stan King, captain of Scabbard and Blade and president of AVMA; Don Roos, chairman of Veishea Open Houses in the Agriculture Division; Dick VonBerg, organizer of the card cheering section; Bob Lamb, business manager of Homecoming and chairman of the Engineer's Ball; Bob Huber, president of ASCE; and Linn Sites, president of the Horticulture Club.

Tau Beta Pi's were Dick Minard, Bob Lamb, and Bert Sieck. Alpha Zeta claimed Chuck Spangler as censor, Bruce Yungclas, Stan King and Sandy Wilson.

Upper: *Smiles are contagious at the TKE house.* Lower: *Bow ties, sox and animal crackers provide atmosphere for Friday night fireside.*

Campus publications, groups characterized The annual "Bar Room

224 Ash

Founded 1899
Local 1915
43 Chapters

Front Row: Burgess, Donelson, Mahaffa, Haderer, Wilhelm, Schwartz, Langdon. *Second Row:* Runkle, Remington, Smith, Fox, Powers, Hensel, Ross. *Third Row:* Shiffler, Telford, Dautoff, Cramer, Allphin, Miller. *Fourth Row:* Thomson, Seaman, Becke, Buckmaster, Fryrear, Ditzel, Coons. *Top Row:* Welterlen, Peterson, Baer, Proudfoot, Brom, Zedekar.

honoraries, divisional activity and musical
the ambitious members of Tau Kappa Epsilon.
Brawl" highlighted the year's social events.

TAU KAPPA EPSILON

Music, journalism and honoraries kept the Teke's in the know on campus this year. On the Scientist were Jules Gerard, Bill Funcke and Walt Miller, managing editor. Both Gerard and Miller served on the *Iowa State Daily*. The *Engineer* claimed Herm Eschen while Roger O'Neal and Glen Potter held down the positions of publicity and advertising managers respectively of the *Ames Forester*.

Eight professional and honorary societies had Teke's in their ranks. Eta Kappa Nu claims Ben McCannon and Jim Westcott and Westcott and McCannon are also in Knights of St. Patrick. Phi Eta Sigma has Gorden Specht and Eschen among their members. Specht is in Scabbard and Blade and Miller was initiated into Sigma Delta Chi. Jim Westcot, drum major of the Marching Band, and Dick Brom are Phi Mu Alpha's.

Teke athletes in varsity basketball and football were Gaylord Anderson and Jim Foy. Dean Coons, YMCA Conference Chairman, served as president of Inter-Faith Council.

Gordon Bivens was treasurer of Block and Bridle, while Gordon Specht was secretary of the American Society of Military Engineers.

Front Row: Eschen, Westcot, W. Miller, Mrs. Martin, Kratochvil, Loomis, Marriott. *Second Row:* Swenson, Bluens, Gates, Kamber, Bradley, McCannon. *Third Row:* J. Miller, St. Clair, Whicher, Rainwater, Merrill, Millar. *Fourth Row:* Griffen, Wiersip, Funcke, O'Neal, Hoffa, Games: *Fifth Row:* Jennings, Trunecek, Specht, Foy, Nurre, Gerard. *Top Row:* Gregory, Bushnell, Potter, Anderson, Gilpatrick, Heun, Randolph.

Theta Chi's featured musical activities at while claiming men in four honoraries. The fireside was one of the top social events

219 Ash

THETA CHI

Leading social functions presented by Theta Chi included the Halloween costume fireside, the "Hotel Theta Chi" fireside, the annual spring formal and other informal firesides and dances.

House officers were Don Harman, president; Ken Neubauer, vice-president; Ken Patterson, secretary; Dewayne Gilbert, treasurer; Bob Dawson, house manager; Dean Barnes, rushing chairman; John Hill, intramurals; and Wayne Van Ness, social chairman.

Front Row: Mashek, Gilbert, Patterson, Harman, Mrs. Mathews, Neubauer, Hillyard, Edgar, MacRae. *Second Row:* Dvorak, Tiffany, Haynes, Baker, Draffen, Dustin, Brown, Ward. *Third Row:* Axtell, Erickson, Rozeboom, McComas, Krik, Crosby, Buck, Hansen, Penny. *Fourth Row:* Petersen, Lacy, Barnes, Van Ness, Mueller, Alander, Nelson, Rogers, Nichols, Schnautz. *Fifth Row:* Hess, Dawson, Walter, Plumer, Richards, Vobeney, Rasmussen, Ament, Hartman, Glassburner. *Top Row:* Tutsch, Balk, Guy, True, Hill, Patrick, Henderson, Garner, Minner, Galgano.

the top of the roster, "Hotel Theta Chi" of the college year.

Founded 1858
Local 1922
71 Chapters

Upper: *Theta Chi's spend the idle hours by hypnotizing pledges.* Lower: *Song practice.*

Theta Chi maintained its traditional standing this year as one of the most musical houses on the campus. Rehearsing with the Glee Club were Richard Walter, Howard Rogers and James Kirk. Kenneth Patterson sang with the chorus and Tom Hissem represented the Theta Chi's in the Iowa State Concert Band.

Tom Dustin, who was on the staff of the *Iowa State Daily,* was chosen publicity manager of Homecoming. Tom with John Nelson also worked on the *Green Gander.*

Helping direct and act in productions of the Iowa State Players were Richard Carroll and Dewayne Gilbert. Dewayne was elected a member of Social Bureau.

Honoraries were also represented at 219 Ash. With a musical background behind them, Edwin Eckert, Kenneth Patterson and Richard Walter are members of Phi Mu Alpha.

Tom Dustin was on the staff of the *Green Gander.* Dewayne Gilbert was elected to Pershing Rifles and Donald Harman was active in Scabbard and Blade.

Upper: *President PV Titus passes cigars.* Lower: *Mother Moseley holds an informal reception.*

Maintaining membership
in touch with campus
spark of social fun

217 Ash

Founded 1847
Local 1919
29 Chapters

THETA DELTA CHI

Hustling Frank Ferguson led the Theta Delt's in activities this year, dividing his time between working for the *Iowa State Daily* and the *Green Gander,* serving as feature editor of the *Scientist,* belonging to Radio Workshop and Radio Players, being president of Theater Players and belonging to Writers' Round Table.

Other activity "wheels" in the house included Dick Summers, secretary of Engineering Council, vice-president of Alpha Chi Sigma and member of two other honoraries; Neil Mehler, publicity chairman of the Panhel Dance and associated with the *Daily,* Radio Players, and WOI; and Spence Beach of Sigma Delta Chi, the *Bomb,* the *Daily,* the *Gander* and Radio Workshop.

in five campus honoraries kept Theta Delt's activities. The "Ski Lodge" dance added a to a well filled quarter of hard studying.

Varsity sportsmen in the house were Dick Miller, track, and Bob McGinnis, wrestling. On the musical end, T. G. Connelly, Larry Davis and Dick Miller were band members and Art Allen belonged to the chorus, Glee Club, and Iowa State Singers.

The *Iowa Engineer* claimed the talents of three Theta Delt's with Paul Titus as assistant subscription editor and Ed Lockwood and Harry Scholl on the staff. Grover Hertzberg wrote for the *Ames Forester*.

Larry Davis was publicity chairman for the Interfraternity Pledge Council and Jack Watkins did publicity work for Courtesy Week, the Panhellenic Dance and was poster chairman for the World Students' Service Fund. Paul Titus was chairman of the Aeronautical Engineers' exhibit at the Engineers' Carnival.

Theta Delt's who are members of honoraries are, in addition to those already mentioned, Jim Stonehouse, Alpha Chi Sigma; Don Appell, Tau Sigma Delta; Larry Davis and Jim Andre, Phi Eta Sigma; and John Hale, T. G. Connelly, and Art Allen, Pershing Rifles.

Members of Radio Workshop in the house were John Hale, Harry Scholl and Bob Smith.

Outstanding Theta Delt social functions included the "Bucaneers' Ran-Da-Voo," the Christmas Party, and the "Ski Lodge" dance.

Front Row: Smith, Appell, Young, Mrs. Moseley, P. Titus, Beach, Cooper. *Second Row:* Jeffers, Scholl, Mehler, Kenison, Davis, Lockwood, Summers. *Third Row:* Ferguson, McGinnis, Ahrens, Connelly, Eldridge, Barnes. *Fourth Row:* R. Titus, Watkins, Kull, Hertzberg, Knott, Palm, Bachman. *Fifth Row:* Moody, Burch, Danneel, Enger, Hale, Sindelar, Winkelhaus. *Top Row:* McAdon, Stonehouse, Miller, Andreae, Allen, Frohnen, Salisbury.

Six musical organizations claimed Theta Xi's as members. The "Bowery Brawl" added spice to their scholastic life.

315 Welch

Founded 1864
Local 1909
39 Chapters

THETA XI

Journalistic Theta Xi's lent their talents to four publications. Earle Denmark assisted Wayne Huefner, editor of the *Ames Forester*. Co-editor of the *Veterinary Student* was Carlos Cooper. On the *Iowa Engineer* was Robert Giles while the *Iowa State Daily* claimed John Heer.

Getting into the swing of things, socially, the Theta Xi pledges gave the actives a Halloween party. Winter quarter the chapter presented their annual "Bowery Brawl." Add to this their fall and spring formals and you've a glimpse into their busy social life.

Front Row: Larson, Larsen, Mrs. Schoenfeld, Blosser, Mironchik. *Second Row:* Haried, Fulton, Gruman, Gardner, Moore, Rosche. *Third Row:* Walther, Young, Trimble, Hertel, Kenney, Arduser, Bernabucci. *Top Row:* Nelson, Haines, Good, Condy, Hanson, Stewart.

Front Row: Turner, Fleming, Davies, Mrs. Schoenfeld, Denmark, Bussey, Geiger. *Second Row:* Lovett, Wyatt, Vriezelaar, Miller, Jaeger Jr., Jaycox, Zarley, Carlson. *Third Row:* Plahn, Detlefs, Carter, Wilke, Woogd, Swanson, Haried. *Fourth Row:* Duncan, Guse, F. O. Johnson, E. Johnson, Vry, Simpson, Sinek. *Top Row:* Kuefner, Angell, Coble, Jorgensen, Galvin, Thoreen, Hutchinson, Odenbaugh.

The Theta Xi's showed music to be their stronghold this year. Lloyd Sease, LeRoy Simpson and Larry Gardner played in the Iowa State Band and Wayne Kuefner sang with the Men's Glee Club. Sease also played in the Symphony Orchestra, and Kuefner sang with the combined chorus.

Six other campus organizations claimed Theta Xi's as members. Men were found working in ASCE, AIEE, ASME, Landscape Architecture and the Industrial Arts Clubs.

One of the Theta Xi's busiest men in activities was Glenn Knapp, president of 630 Club. Jim Fleming and Dick Jaycox were initiated into Eta Kappa Nu and Bob Davies and F. O. Johnson were dubbed Knights of St. Patrick.

Athletics, both intramural and varsity, played a big part in the lives of Theta Xi's. Bill Jaeger played first string baseball and Mike Jepson was on the freshman football squad. Chuck Condy worked with the frosh basketball team.

Upper: *Theta Xi afternoon art and study club.* Lower: *The poor man's Ceasar Romero and a character with a 9:30 shadow helped decorate costume shindig.*

WARD SYSTEM EXECUTIVE COUNCIL—*Front Row:* Pownall, Moore, Beals, Perkins, Gauger, Berndt. *Second Row:* Swanson, Ginger, O'Brien, Gregory, Alton. *Third Row:* Ellsworth, Tracy, James, Swanberg, Walker, Carlson. *Top Row:* Nefstead, Lindsay, Dirks, Rosen, Cooper, Pettit.

Ward Executive Council increased dues and boosted membership to 1,100 ward men

WARD SYSTEM

Presidents of the wards and presidents of the various all-ward committees, representatives to Cardinal Guild and the editor of the *Ward News* comprise the Ward Executive Council. In addition, the president, secretary and treasurer of this council are elected from the ranks of the Ward System.

The purposes of the executive council are to determine general policies of the Ward System and to voice the sentiment of the Ward men regarding campus affairs. The council meets bi-weekly throughout the school year. Faculty advisors are Prof. J. C. Hempstead, of the Department of General Engineering, and J. E. Bicknell.

One important change in the constitution was made this year when the members of the Ward Executive Council voted to increase individual Ward member dues from $1.00 to $1.50. This extra 50 cents will be pro-rated to each Ward according to membership. It will be used in any way the Ward sees fit. The plan is intended to facilitate convenience for the Wards in obtaining funds for such things as parties, Veishea floats and refreshments at meetings.

The Ward System was organized in 1929 when president of the college, Raymond M. Hughes, decided that something should be done about complaints from employers that non-fraternity men who graduated from Iowa State lacked social polish. Thus, the Ward System was born. It was one of the first organizations of its kind in the country and served as a model for similar systems at other colleges and universities.

One of the most popular activities for Ward men at Iowa State has been intramural sports. Leon Tracy, president of the intramural council for 1948-49 reported approximately 1,400 men participating in 12 different athletic activities.

The Ward social program is designed to give all college men not living in dormitories or fraternities a chance to develop desirable social and personality traits. The program council plans and provides features for each Ward meeting. Activities chairmen seek out and publicize to Ward members all-college jobs which are open. Each publicity chairman gets out stories on his Ward's activities and helps the *Ward News* editor.

President of the Ward System for 1948-49 was Donald Beals. The Ward membership drive during winter quarter helped boost membership above the 1,100 mark.

First Ward event for the school year was the annual "Visits to Faculty Homes." Other features during fall quarter were the annual "Kick-Off" mass meeting, the "Ward Round-Up," the "Shmoo-Do" fireside and the Ward dance classes. Highlights of winter quarter were the "Sox and Coke" fireside and the ISA "Sweetheart's Ball."

Upper: *Hypnotist Jim O'Brien puts the double-whammy on full power.* Middle: *The "Schmoo Do" was the theme of the winter Ward dance.* Lower: *Beta Ward does a little business on the side to finance their Veishea float.*

Ward System Publicity and Program Chairmen—*Front Row:* Brandquist, Pownall, Nefstead, Thomas, Smith. *Second Row:* Pingry, Triska, Fieldhouse, Wolf. *Third Row:* Allison, Trapp, Kongable, Kochheiser, Hollinberger, Potter. *Fourth Row:* Huitt, Schultz, Lodge, Goodbarn, Fay.

Mapping out an active social program was main activity of the Ward Social Council

Ward System Intramural and Activities—*Front Row:* Cox, Fearing, Tracy, Kirlin, K. Johnson, Harlan. *Second Row:* Otto, R. Johnson, Schmidt, Fleming, McCart. *Third Row:* Godfredsen, Cahalan, Tank, Vaught, Mishek, Armstrong. *Top Row:* Jewell, Collins, Parsons, Willey, Graybill.

President of the Ward Social Council for 1948-49 was Robert Lindsay. This year, Ward men were presented opportunities for visits to faculty homes; dinner exchanges with dormitories, sororities and Tau Gamma, as well as Friday evening dance exchanges, Saturday afternoon drop-in exchanges and a variety of special parties.

Membership on the Ward Social Council consists of the social chairmen of the various Wards and the Ward representative to Social Bureau. Mrs. Doris Hoppenrath was faculty advisor.

Purpose of the Social Council is to promote a desirable social program and to receive instruction in scoial leadership so that the chairmen may sponsor satisfactory social events in their respective Wards. The Council has the power to determine and administer the social program of the entire Ward System.

Upper: *Jim O'Brien (left) entertains at Ward System Dance.* Lower: *Visitors from Iowa City look over the Ward News.*

WARD SYSTEM SOCIAL COUNCIL—*Front Row:* Upah, Button, Lindsay, Houseal. *Second Row:* Shepherd, Ray, Richardson, Boltz, Diehl. *Top Row:* Weber, Clement, Huelman, Harlan, Buzby, Enares.

President of the "Y" Cabinet and Bob Walters, lived in Alumni Hall. Music rated near the achievements with journalism and athletics

ALUMNI HALL

Alumni Hall was well represented in music groups on campus. Frank Eshelman boomed a bass in the Varsity Eight and Everett Manny, Don Frevert, Homer Showman, Don Martin and Dale Anderson sang in Glee Club. Herbert Ferree played for the orchestra. The "Melody Men," all college YMCA quartette, the "Sugar Cured Four" and the "Harmonaires" were other music groups that the men in Alumni Hall participated in.

In publications, Dan Hug worked on the *Scientist* and Dick Winegarden the *Veterinary Student*. Gordon Marshall and Leon Kline reported for the *Daily*.

Earl Jezek swam, Lowell McKean wrestled, and Burt Bushnell played baseball on the varsity teams. Alumni Hall boasted two champion intramural wrestlers and one of their bowling teams copped a championship crown.

Victor Wilbrun and Austin Colony were ISC Debaters and Dan Hug and Charles Hopper were initiated into Phi Eta Sigma. Forty men were active in their departmental clubs.

Front Row: Mortimer, Osborne, Habben, O'Connell, Henriksen, Hoffman, Jay. *Second Row:* J. Hug, Roberts, Myers, Kline, Stewart, Martin, D. Hug. *Third Row:* Ferree, Wilburn, Baty, Zanotti, Craft, Chace, Snyder. *Fourth Row:* Roys, Field, Volpp, Hopper, C. Martin, D. Martin, McKean, Holland. *Fifth Row:* Smith, Hays, Manny, Doolittle, Eshelman, Moffitt, Reed. *Top Row:* Jezek, Walters, Fisch, Lochen, Jeske, Fleming, Huber, Sommerhauser.

Cardinal Key member, top of their activity completing the roster.

Alumni Hall men figured prominently in activities. Bob Walters was a member both of Cardinal Key and Alpha Zeta and was president of the YMCA Cabinet. Alumni Hall men represented on the cabinet were Chuck Hopper, Leon Kline, Bob Waite, Don Storm, Lowell McKean, Dean Fleming, Gordon Marshall, Don Buck and Max Smith.

Smith, a member of Ag Council, earned recognition as Homecoming ticket sales manager and chairman of Veishea coupon book distribution.

Top: *Alumni Hall residents congregate to study.* Lower: *It's nice that they seem to enjoy the finer things in life.*

Front Row: Dodge, Showman, Marshall, Andersen, Matzinger, Eis, Twinam. *Second Row:* Davies, Buck, Jackson, Van Metre, M. Colony, Wilson, Ahlgren, Sobotka. *Third Row:* Endo, Damon, Storm, Mingus, Anderson, Popp, Homan, Parsons, Visser. *Fourth Row:* C. Rosenberger, Frevert, Drake, Manny, Kuntz, Harrington, Davis, Kirkpatrick. *Fifth Row:* Dudrear, P. Rosenberger, Bernstein, Bushnell, Waite, McKinney, Strothman, Ver Ploeg, F. Colony. *Top Row:* Brueck, Mounce, Burright, Swenson, E. Colony, Eliason, Winegarden, Huber.

MRA was founded by 1300 men in Friley, Hughes, East Stadium and the cottages

MEN'S RESIDENCE ASSOCIATION

The newly formed Men's Residence Association consists of sixteen houses representing nearly 1,300 students living in Friley Hall, Hughes Hall, East Stadium and the Cottages.

For college activities the name "Friley Hall" has been replaced by the names of twelve houses within the brick walls. East Stadium is known as Fairchild House and the cottages have become Franklin and Harriman Houses. Hughes Hall has retained its name.

The leading single event within the association was the annual election of the Main Cabinet officers.

The campaigning, complete with promises, posters, cigarette girls and brass bands, and the election were two of the highlights of winter quarter. Nearly 700 votes were cast in the election.

Under the capable leadership of President James Clagett and the other members of the Main Cabinet, the Men's Residence Association has cut its teeth and is able to pronounce itself a success.

Robert Hughes, intramural chairman, was responsible for developing the present intramural program. Spurred on by friendly rivalry among houses and the possession of the intramural trophy by the winning house, students were active in athletic activities.

MRA CABINET—*Front Row:* Miskimins, Ogren, Clagett, Lundquist, Hugh. *Second Row:* Bridges, Hughes, Widstrom, Kubias. *Top Row:* Mitchell, Haas, Moses.

PRESIDENTS AND ADVISORS

Front Row: Thorsrud, Colwill, Haas, Widstrom, Ogren, Moses, Kuhse, D. Werts, Queensland. *Second Row:* Rendahl, Telleen, Allender, Alderman, Mc Luen, Reichlinger, Kirby, Bornholdt. *Third Row:* Kovarik, Wenger, Krug, Collier, W. Werts, Kubias, Michels, Knight, R. Swanson, Studt. *Fourth Row:* Thenhaus, Hedrick, Vogel, Van Roekel, Decker, Edwards, Lawson, Pope, Solem, Meyer. *Fifth Row:* Hibray, Simpson, Hampton, Hall, Mason, Laurie, Blair, Posekany, E. Swanson. *Top Row:* Magill, Zeigler, Hawkins, Wyatt, Tjossem, Wainwright, Thompson, Howig, Alexander, Acheson.

ACTIVITIES AND INTRAMURAL CHAIRMEN

Front Row: Faber, Stefacek, Hugh, Hughes, F. Swanson, Bartz, Knouf. *Second Row:* Habeger, Mellem, Kleen, D. Swanson, Marsh. *Third Row:* Katz, Cohn, Stock, Moore, Bretz, Stewart, Sprugel. *Fourth Row:* English, Nicoll, Stephenson, Solem, Burns, Lary. *Top Row:* Rystrom, Sanner, Carrington, Capper, Dutton, Kellenberger, Richmond, Beisell.

Students from 20 foreign nations were included in Men's Residence Association

Herbert Mitchell, the social chairman, was in charge of the MRA social activities. Features of the social program were the "Icicle Interlude" and the "Sweater Swing" dances.

Kenneth Hugh as activities chairman was in charge of the Veishea float, the Homecoming display, and the management of the weekly paper, the *Residence Rag*.

William Ogren, vice-president; Radean Miskimins, treasurer; and Roy Lundquist, secretary, were the other members of the Main Cabinet.

Foreign students found a warm welcome from members of the Men's Residence Association. Thirty-five students from twenty different countries lived in the different houses. Nearly half of these students were from Central America.

Kimball athletes were first to win the Robert Hughes trophy for MRA intramurals

Hughes Hall is the college home of 175 freshmen students. This is the first year that residence in the hall was limited to freshmen entering Iowa State direct from high school and to the freshmen's 10 upperclassmen advisors.

Here the freshmen received their first experience in dormitory living and were encouraged by the advisors to participate in social and intramural programs. The students started the hall activity in October with a spirited election of officeers. In addition to the central cabinet, each floor elected a set of officers.

High on the list of social activities was the dance exchange with Welch Hall. The recreation room was the setting for this dance which more than 100 couples enjoyed.

Other social features included a picnic at Brookside Park, a party with Freeman Hall and a Christmas party for the men and their dates.

Hughes Hall touch football teams won the championship and runner-up spot in the MRA Class B league. The hall finished third in the fall quarter race for the intramural trophy.

SECRETARY-TREASURERS—SOCIAL COUNCIL—KIMBALL

Front Row: Andeway, Murrow, Konrad, Zeigler, Blum, Halver. *Second Row:* English, Graff, Henderson, Bean, Oilschlager, Sapousek. *Third Row:* Elliott, Kratzer, Movick, Eden, Allen, Mishler. *Fourth Row:* Bruce, Liston, Templeton, Brown, Adams, Woodburn. *Fifth Row:* McCallister, Houston, Webster, Fahden, Jefferson, Kingsley, Narigon. *Top Row:* Doty, Geiken, Rae, Ludemann, Robinson, Ashley, Durham, Liljedahl.

KIMBALL HOUSE

Front Row: Rahman, Elliott, Laurie, Decker, Bretz, Eichhorn, Wainright, McNamara, Adams. *Second Row:* Jelinek, Phillips, Milder, Sorensen, McCombie, Bosnyak, Schneider, Biagi. *Third Row:* Cordiner, Grimes, Mackie, Stanek, Pint, Jensen, Auit, Murrish, Jensen. *Fourth Row:* Moats, Cresswell, Miller, Chapman, Owen, Wilson, Swanson, McDade. *Fifth Row:* Holland, McCallum, Burton, Waldstein, Yanecek, Weir, Zisko, McQuillen, Fibiker. *Top Row:* Cavin, Schellberg, Fisher, Nordli, Smith, Myers, Bauer, Dunkelberger, Anderson.

MRA men show their dates through the everlovin' chow line.

John Ludemann and Bob Meyer get together over a hot slide rule.

HUGHES—FRANKLIN

Front Row: Cummings, Gibbs, Moore, Kline, Smith. *Second Row:* Cramer, Colglazier, Schuster, Hood. *Third Row:* Blair, Swanson, Grote, Steffen, Beck. *Fourth Row:* Pugh, Richmond, Gayle, Schwietert. *Top Row:* Manning, Hoover, Agne.

HUGHES

Front Row: Voland, Sperring, Mason, Mrs. McDonald, Nelson, Acheson. *Second Row:* Cassling, Van Dyke, J. R. Bell, J. A. Bell, Menninga. *Third Row:* Coulson, Hunter, Hiemstra, Hoover, Linder, Sywassink. *Fourth Row:* Hendrickson, Keen, Clausing, Currin, Toyne. *Top Row:* Squire, Shoot, Hessenius.

PEARSON

Front Row: Goodman, Movick, Werts, Habeger, Robinson, Wenger, Knouf, Breman. *Second Row:* Lange, Garvin, Brown, Jacobs, Stritzel, Pickus, Alm, Kamm, Limbaugh. *Third Row:* Meuer, Roland, Craig, Neveln, Stevens, Prosch, Quirin, Tharp. *Fourth Row:* Sheldon, Bradbury, Geiken, Hatcher, Shirbroun, Walkup, Wallace, Schult, Hill. *Fifth Row:* Yokie, Knop, Barnhart, Borthwick, Bliss, Madison, H. Sidey, Kirts. *Top Row:* Healey, Nuti, Fleming, Boyce, Rejsa, Crow, Lenz, E. Sidey, Christensen.

HARRIMAN—PEARSON

Front Row: Ramsey, Kirby, Kingsley, Colwill, Katz, Burns, Woodburn. *Second Row:* Ridgway, Clark, Miller, Thorsrud, Tucker, Schumacher, Younkin. *Third Row:* Krebs, Kirchner, Zinula, Rivera, Gabriel, Camargo, McKinney. *Fourth Row:* Stilley, Niesz, Quandt, Vroom, Cramer. *Fifth Row:* Nephew, Stetzer, Sease, Greiner, Strohman, Widstrom. *Top Row:* Reeves, Bear, Gaffney, Horak, Thiebaud, Tiffin, Clagett.

Both editor and business manager of the Iowa State Daily lived in Pearson House

Along the general theme of self government, each house had a cabinet of officers elected by the men living in the various houses.

Godfrey House was the largest organized house in Friley Hall. It had nearly 100 members. The 11 remaining houses had from 60 to 75 residents each.

Each house had advisors whose duties were to assist in the election of the house officers and to aid them in carrying out a complete house program.

Bruce Widstrom, the head advisor of the Men's Residence Association, was largely responsible for the development of the present house system.

The center of house life was the intramural activities. The house intramural chairman coordinated all efforts in an attempt to win the Robert Hughes Trophy.

GODFREY

Front Row: Heins, Cohn, Durham, Rendahl, Templeton, Bradley, Marsh, Allender, Curtis. *Second Row:* Hansen, Cesar, Hench, Barrett, Reiss, Eness, Drulias. *Third Row:* Cress, Goewey, Hamilton, Carvey, Drilling, R. Hibbing, Boulton, R. Smith. *Fourth Row:* Mark, Hayes, Petersen, Esbeck, Holland, Somermeyer, Guldner, Cambell. *Fifth Row:* I. Smith, Anderson, McDonald, Turner, George, Osborn, Worth, Bahning, Allen. *Top Row:* Etchen, Wilson, Asthalter, Culbertson, Bergquist, Hiedeman, E. Hibbing, Ralston.

CESSNA AND GODFREY

Front Row: Gallegos, Robinson, Bartz, Edwards, Narigon, Anderson, Maxwell. *Second Row:* Frankfurter, R. Shoenhair, Bole, Bode, Scheider, Myers. *Third Row:* Lindsay, Schwichtenberg, Plock, Cochran, Holm, Case, Peterson. *Fourth Row:* W. Shoenhair, Andersen, McGillivray, Armstrong, Fachman, Evans, Govern, Murray. *Fifth Row:* Welcher, Mannetter, Bys, Whalen, Bonestroo, Ogren. *Top Row:* Hanson, Bowers, Templeman, Van Nimwegen, Albert, Prouty, McFarland, Lundquist.

Concentration is the thing that counts.

He who studies first laughs last.

Fairchild housed many Cyclone athletes competing in most of the varsity sports

Franklin and Harriman houses were right in the midst of campus activities. Better known as the Cottages, these temporary units each house 60 men.

Many of Iowa State's varsity athletes live in Fairchild House. This house is located in the East Stadium and is the college home of 70 students.

High point of the Fairchild activities was the winning of the Class A college basketball title. The Fairchild team consisting of George Orcutt, Jack Webb, Don Howig, Dana Omer, Clarence Carney, Allen Moses, Ed Mattheeussen and Don Webb, won the college championship by defeating Sigma Alpha Epsilon 38 to 16.

Varsity squad members living in Fairchild included Roger Watts, Robert Wyant and Roy Obermiller of the swimming team; Con McCormick, Bob Kucera and Jack Parsons of the wrestling team; Mac Baty of the track team; Gaylord Anderson and Chick Herbert of the basketball squad; and Joe Brubaker, Howard Brubaker, Miles Camery, James Foy, Dana Omer and Clarence Carney of the football team. Jack Webb and Don Webb, brothers, were members of the golf team.

BENNETT

Front Row: Alderman, Faber, Eden, Kleen, Van Roekel, Kelly. *Second Row:* Miskimins, Wiley, Proeger, Gannon, Schneider, Stokes, Danielson. *Third Row:* C. Fogle, Weeda, Watland, Carey, R. Fogle, Bean, Tilp, Moore. *Fourth Row:* Nelson, Bennett, Brown, Wayne Foster, Smith, Swank, Besser. *Fifth Row:* Roisen, Crawford, Walsh, Davenport, Martin, J. Foster, Willard Foster, Bendorf. *Top Row:* Belknap, Rodler, Kellenberg, Driftmier, Fiala, Swanson, Geer.

NILES

Front Row: Kremheller, Maja, Stephenson, Hawkins, Ashley, Beisell, Miller, Baustian. *Second Row:* Lloyd, Schoenbeck, Masteller, Boyd, Hughes, Konrady, Reinertson. *Third Row:* Branscomb, Thompson, Pagliai, Bolton, Wahlgren, yson, Merritt, Darden. *Fourth Row:* Anderson, Armbruster, Culp, Barth, Duich, Howell, Shackelford, H. Burzlaff. *Fifth Row:* Dittmer, Jensen, Petersen, Shultice, Davis, Dellinger, A. Burzlaff, McBride. *Top Row:* Eckebrecht, Fennessy, Ford, Evjen, Vinzant, Ruchetzke, Fletcher, Cox, Hugh.

I see your face before me . . .

A Veishea coupon book salesman hustles the dollars at Friley Hall.

FAIRCHILD

Front Row: McCallister, Stefacek, Houston, Wyatt, Bruce, Stewart. *Second Row:* Hullinger, Hensel, Heins, Cribbs, Olsen. *Third Row:* Vohoska, Paulsen, Dyson, B. Scruggs, Horgen, W. Scruggs. *Top Row:* Howig, Kovarik, Koschmeder, Nielsen, Mors, Rawlins, Moses.

CHAMBERLAIN

Front Row: Howell, Liston, Fahden, Campbell, Capper, Hedrick, Swanson, Hibray, Studt. *Second Row:* Albert, Jones, Schricker, Radakovich, Howe, F. LaMar, L. LaMar, Bridges, Santa Cruz, Suarez del. *Third Row:* Gilman, Oaks, Fritz, Wright, Fuentes, Toyne, Nelson, Miller, Graham. *Fourth Row:* Anderson, Burk, McElwee, Bollman, Russell, Buehler, Fruen, McClure, Coyle, France. *Fifth Row:* Cliny, Little, King, Cannell, Terry, D. Seebach, Zaffle, Piper, Coulson. *Top Row:* Beer, Herzog, L. Seebach, Ahrens, Hierseman, McGuire, Thumma, Wieditz, Buchanan, Peterson.

CONVERSE

Front Row: Cohn, Queensland, Hall, Brown, Doty, Nicoll, Boldt. *Second Row:* Bombach, Schroeppel, Lyle, Neuman, Clark, Wassom, Severson, Grow. *Third Row:* Mohr, Clayton, Ries, Seagren, Richardson, Lowemberg, Reed, Wigstone, Willing. *Fourth Row:* Houseman, Fowler, Williams, Davenport, Klindworth, B. Silverberg, Dornath, St. John. *Fifth Row:* Rasmussen, Klimowski, Satre, Shearin, J. Silverberg, Foster, Totemeier, Page, Hase. *Top Row:* Moeller, Gusler, Boylan, Weber, Nashif, Erdman, Needham, Stolp.

STANGE

Front Row: Rae, Sanner, Lawson, Swanson, Kratzer, Spragel. *Second Row:* Futrell, Needham, Gunnar, Horsman, Lindahl, Lord. *Third Row:* Chase, Yates, Falkoski, Macy, Duggleby, Gerboth. *Fourth Row:* Rohlf, Brodersen, Locher, Stoltenberg, Heifner, Nelson, Evans. *Top Row:* Trochvek, Seehusen, Cours, Gugeler, Miesbauer, Strandberg.

Campaigns with all the trimmings featured winter quarter election of Main Cabinet

Kimball House dominated the Men's Residence Association intramural scene during fall quarter. They proved to be the athletic champs when they won the Class A touch football and bowling titles. Kimball became the first winner of the Robert O. Hughes intramural trophy by earning the most intramural points in Men's Residence Association competition.

The names of the ten Kimball men who earned the most individual points and the name of the intramural chairman were engraved on one of the trophy's gold plaques. Robert Betz, intramural chairman, Jack Anderson, Richard Biagi, Louis Bosnyak, William Cavin, Robert Cresswell, George Decker, Steve Elliott, Rochard McNamara, Fred Schneider and James Wood became the first to have their names placed on the trophy.

LINCOLN

Front Row: Kubias, Menary, Kellenberger, Meyer, Ludemann, Carrington, Thenhaus. *Second Row:* Hatcher, Fortner, Wolf, McCaw, Papathakes, Calderwood. *Third Row:* Mattheevssen, Schweer, Smith, Lilly, Behounek. *Fourth Row:* Hurst, Mayer, Novy, Pfau, K. Anderson, Ongaro. *Fifth Row:* Waraczynski, Bandow, J. Anderson, Grabe, Labor, Nelson. *Top Row:* Orcutt, Blizzard, Martens, Gustafson, Kittleson, Nelson, Wilde.

KNAPP

Front Row: Iehl, Rystrom, McLuen, Mishler, Swanson, Kovarik, Wainwright, Dorman. *Second Row:* Burket, Hartwig, Morrell, Grout, Ostrus, Galloway, Poehlein. *Third Row:* Martin, Ault, Grenier, Bowman, Hearn, Weissinger, Connop, Blomgren. *Fourth Row:* Koepp, Pisle, Fleming, Frizell, Ecklund, Van Loh, Alexander, Delahooke, Howell. *Fifth Row:* Johnson, Ferguson, Steen, Rehurek, Paulos, Peterson, Luppen, Caplan. *Top Row:* Siedelmann, McCutchen, Furst, Kenney, Musin, Graham, Newton, Varley.

A visit to the chaperones at MRA dance.

Tom McIntosh applies the torch to keep the Friley home fires burning.

MRA men included a newspaper and social events of all kinds in their activities

William Ogren, vice-president of the Men's Residence Association, Owen Kubias and Gene Bridges were the Cardinal Guild representatives from MRA. These representatives were elected by the members of the association.

The Men's Residence Association contributed heavily to the staff of the *Iowa State Daily*. Ed Sidey served as managing editor of the *Daily* and was appointed editor spring quarter. Hugh Sidey was selected business manager of the *Daily*. Both are members of Sigma Delta Chi, men's professional journalism fraternity.

Charles Gunn was editor of the *Residence Rag*, the association's weekly newspaper.

Robert Trochuck was president of the Iowa State Chapter of the National Independent Students Association. Trochuck was also president of the Student Union Board and is a member of the Knights of St. Patrick.

Therol Petersen and Sylvester Wilhelmi, members of the basketball squad, were two other members of the association. John Tillo, Vince Beacom and Lou Bosnyak were members of the Cyclone football squad. Jim Miller was the regular baseball catcher and Jim Bean a Cyclone track star.

NOBLE

Front Row: Chapin, Sneckenberger, Posekany, Adams, Dutton, Curry, Thompson. *Second Row:* Stephenson, Cavanaugh, Hohenberger, Fox, Huppert, Schumacher, Nesvik, Deibel. *Third Row:* J. Klopfenstein, Bensend, Schlenker, Dellett, Conger, Hoffmann, Kinney. *Fourth Row:* Aronhalt, Stock, Hensing, Dougherty, Case, Van Deusen, F. Klopfenstein, R. Johnson. *Fifth Row:* Christensen, Dolph, Vifquain, Wilcox, Fesenmeyer, H. Johnson, Covert, Danker, Rohde. *Top Row:* Lambert, Bonnewell, Peterson, Schiel, Thelander, Vondrasek, Cima, Hamilton.

GENERAL

Front Row: Titus, Kemper, Wilkner, Brannian, Allen, Venkateswar. *Second Row:* McDonald, Hoskins, Tamashunas, Berger, Alexander. *Third Row:* Gladstone, Singer, Jongedyk, Magill, Snider, Johansen. *Fourth Row:* Walstad, Blomquist, Carson, Jefferson, Akerson, Gairns, Lundell. *Top Row:* Crawford, Powers, Mc Aninch, Patterson, Van Drimmelen, Fritz, Warm.

SENIOR ACTIVITIES

AABERG, GLORIA A.; Chicago, Ill., *Applied Art*—Home Economics Club 2,3; Festival Chorus 2,3; "Girl Crazy" 2; "Yearbook of 1948" 3; Monticello College.

ADAMS, G. LOVELL; Iowa City, *Agronomy*—Agronomy Club 4; Debate 3,4; Intramurals; University of Iowa.

ADAMS, MARY J.; North Platte, Nebr., *Textiles and Clothing*—Pi Beta Phi; Phi Upsilon Omicron; Home Economics Council 3,4; Core Curriculum Committee 3,4; Home Economics Club 2,3,4; *Homemaker* 3,4; University of Nebr.

ADAMS, ORA R.; Eldora, *Landscape Architecture*—SSLA 3,4.

ADY, CHESTER E.; Mason City, *Industrial Engineering*—Mason City Jr. College; University of Chicago.

AIGLER, ROBERT L. D.; Webster Groves, Mo., *Agricultural Economics*—Delta Tau Delta; Agricultural Economics Club 3,4.

ALBERT, RICHARD J.; Muscatine, *Mechanical Engineering*—Pi Tau Sigma; ASME; Veishea 3; Engineers Carnival 2; St. Bonaventure College.

ALBERTSON, ROBERT D.; Quincy, Ill., *General Engineering*—Pi Kappa Phi; AIEE 2,3; SSIME 4; Quincy College.

ALLEN, JOSEPH E.; Ames, *Architctural Engineering*—Sigma Alpha Epsilon.

ALLEN, MEREDITH R.; Mason City, *Forestry*—Phi Kappa Tau, vice-president 2, president 3; Forestry Club 2,3,4; Baldwin-Wallace College.

ALLEN, PHILIP R.; Ames, *Veterinary Medicine*—AVMA 1,2,3,4; *Veterinary Student* 1,2,3,4; University of Iowa; Drake University.

ALLEN, ROBERT F.; Ames, *Electrical Engineering*—Glee Club 1; Iowa State Singers 4.

ALLEY, WALTER V. JR.; Riceville, *Industrial Education*—Phi Kappa; Industrial Education Club, secretary-treasurer 4; Newman Club 1,2,3,4.

ALLPHIN, PAUL L.; Council Bluffs, *Chemical Engineering*—Tau Kappa Epsilon; Marquette University; St. Ambrose College.

ALVINE, RAYMOND G.; Burlington, *Mechanical Engineering*—

AMES, EDMOND M.; Ames, *Industrial Education*—Industrial Education Club 2,3,4, vice-president 4; Veishea 2.

ANASTASI, MICHAEL J.; Washington, D. C., *Industrial Economics*—Phi Kappa; *Scientist* 3,4; Intramural 1,2,3,4.

ANDERSEN, ANGER A.; Racine, Wisc., *Industrial Education*—YMCA Cabinet 2; Industrial Education Club 2,3,4.

ANDERSEN, ALFRED C. JR.; Council Bluffs, *Civil Engineering*—Theta Chi, vice-president; ASCE; Veishea 3.

ANDERSON, CHARLES F.; Little York, Ill., *Agricultural Economics*—Delta Chi, vice-president 3, president 4; Interfraternity Pledge-Trainers Council 3; Interfraternity Council 4; Agricultural Economics Club 1,2,3,4, secretary-treasurer 3,4; *Agriculturist* 1.

ANDERSON, EDWARD E.; Roland, *Bacteriology*—Men's Chorus 4.

ANDERSON, J. EDWARD; Chicago, Ill., *Mechanical Engineering*—ASME 4; North Park College.

ANDERSON, JACK W.; Clinton, *General Engineering*— MRA 3, Advisory Council 2,3.

ANDERSON, JAMES H.; Ames, *Mechanical Engineering*—Phi Kappa Psi; ASME; University of Iowa.

ANDERSON, JOHN B.; Harcourt, *Agricultural Journalism*— Kappa Sigma; *Iowa State Daily* 2,3,4; *Green Gander* 3,4; Fort Dodge Junior College.

ANDERSON, MARDIS V.; Dunlap, *Electrical Engineering*—

ANDERSON, MARY A.; Moline, Ill., *Textiles and Clothing*—Welch Hall, vice-president 2, secretary 3; Phi Upsilon Omicron 3,4; Mortar Board 3,4; Cardinal Guild 3,4; Student Properties Board 2,3,4; Junior Prom 3; Veishea; Homecoming 3; Home Economics Club 2,3,4; NISA Convention 3; Prep Sophomore Queen, *Bomb* Beauty 2, Harvest Ball Queen 3.

ANDERSON, OPAL M.; Story City, *Home Economics Education*—Home Economics Club 1,2,3,4; YWCA 1,2,3,4; LSA 1,2,3,4.

ANDERSON, PAUL M.; Winterset, *Electrical Engineering*—Sigma Chi, secretary 4; Phi Mu Alpha 3,4; AIEE 2,3,4; Band 1,2,3,4; Student Properties Board 4.

ANDERSON, RAYMOND E.; Merrimac, Mass., *Forestry*—Winter Sports Club 2,3,4; Forestry Club 2,3,4; Roger Williams Club 1,2; *Iowa State Daily* 2; University of Louisville.

ANDERSON, RUSSELL O.; Thor, *History*—Band 1; Veishea 2,3; Eagle Grove Junior College.

ANDERSON, VERNON K.; Des Moines, *Physics*—Geology Club 3,4.

ANDERSON, WILFORD E.; Randall, *Mathematics*—

ANDREAE, JOHN H.; Oelwein, *Dairy Industry*—Theta Delta Chi, secretary 2; Dairy Industry Club 1,2,3,4; Band 1,2,3,4; Festival Chorus 2,3,4.

ANGELL, RICHARD W.; Clinton, *Industrial Economics*—Theta Xi; ISSIE.

APPELL, DONALD W.; Des Moines, *Architectural Engineering*—Theta Delta Chi, treasurer 4; AIA 4.

ARONHALT, ROGER N.; Winfield, *Farm Operations*—Sigma Phi Epsilon; Farm Operations Club 2,3,4, vice-president 4; Iowa Wesleyan College.

ASHER, ELDON L.; Eagle Grove, *Chemical Engineering*—Alpha Chi Sigma 4; AIChemE 1,3,4; University of Idaho.

ASHER, ROWENA B.; Vincent, *Home Economics Education*—Band 2; Home Economics Club 1,2,3,4; *Iowa State Daily* 2; Cornell College.

ASHLEY, DARRELL G.; Odebolt, *Industrial Engineering*—GE Society 3,4; Herzl Junior College; University of Iowa.

AUSEN, LESLIE J.; Lake Mills, Agricultural Education—Agricultural Education Club; Waldorf College.

BABCOCK, CLARENCE E.; Ames, *Vocational Education*—Block and Bridle 1,2; Little International 1,2; DI Club 2; Roger Williams Club 1; Agricultural Education Club 4.

BAER, JOHN S.; Kansas City, Mo., *Industrial Design*—Veishea 3; ASME 4.

BAGGS, GEORGE C.; Omaha, Nebr., *Mechanical Engineering*—Pi Tau Sigma; ASME; Intramurals 2,3.

BAHLE, GERHARDT P.; Fremont, Nebr., *Electrical Engineering*—AIEE 3.

BAILEY, HAROLD E.; Ames, *Industrial Economics*—ISSIE 3,4.

BAILEY, MERRITT E. JR.; Ames, *Technical Journalism*—Cardinal Guild 4; *Iowa State Daily* 3,4; *Sketch* 2,3; Writers Roundtable 3; *Scientist* 4; Books and Cokes 4.

BAKER, DELBERT C.; Woodbine, *Agronomy*—Agronomy Club 3; Newman Club 2.

BAKER, MARJORIE L.; Manhattan, Kan., *Home Management*—Chi Omega; Orchestra 2,3; WAA 2,3,4.

BAKER, NANCY A.; West Chicago, Ill., *Technical Journalism*—Chi Omega, secretary 3,4; Phi Upsilon Omicron 3,4; Theta Sigma Phi 3,4; *Homemaker*, 2,3,4; *Iowa State Daily* 1,2,3; Writers Roundtable 2; Home Economics Club 1,2,3,4; YWCA 1,2,3,4, vice-president; Veishea 1,2; Prep-Soph Ball 1; Social Bureau 2; *Bomb* 4; Journalism "I" 3,4.

BAKER, RICHARD A.; Bettendorf, *Industrial Education*—Industrial Education Club 2,3,4.

BALDRIDGE, ROBERT L.; Des Moines, *Civil Engineering*—Tau Lambda Rho 4; ASCE 3,4; Engineers Carnival 4.

BALSTER, CLIFFORD A.; Monmouth, *Geology*—

BALTISBERGER, JAMES H.; Marshalltown, *Industrial Engineering*—Delta Tau Delta; GE Society 2,3,4; Interfraternity Pledge Council 3.

BALTISBERGER, WILLIAM H.; Marshalltown, *Agriculture Education*—Agricultural Education Club 1,2,3,4; Frisbie Fellowship 1,2.

BANKS, JOHN G.; Yankton, S. D., *Mechanical Engineering*—ASME; Band 1,2,3; Symphony Orchestra 2,3.

BANN, JAMES M.; Denver, Colo., *Chemical Technology*—Alpha Tau Omega; Iowa Chemical Society 3,4; Newman Club 1,2,3,4.

BANWART, RUSSELL G.; Algona, *Chemical Engineering*—.

BARBER, JOHN W.; Waterloo, *Mechanical Engineering*—Phi Kappa Psi; ASME; *Engineer*.

BARD, DEAN C.; Sioux City, *Civil Engineering*—.

BARKER, EDWARD G.; Plainfield, N. J., *Architectural Engineering*—Wesleyan University.

BARKER, JULIANN D.; Jefferson, *Home Management*—Delta Delta Delta, president 4; Phi Upsilon Omicron; Mortar Board, president 4; YWCA 2,3, president 4; Messiah 2; Veishea 2,3; *Homemaker* 3; Core-Curriculum Committee.

BARKER, LOUISE H.; Plainfield, N. J., *Home Management*—Smith College.

BARKLEY, NORMA M.; Malcom, *Textiles and Clothing*—Kappa Alpha Theta.

BARNETT, ARTHUR L.; Beacon, *Civil Engineering*—.

BARRINGTON, GLEN E.; Alexis, Ill., *Animal Husbandry*—Alpha Gamma Rho; Block and Bridle 1,2,3,4; *Agriculturist* 2,3; Campus 4-H 3,4; Harvest Ball 4; Little International 4.

BARTHELL, DOROTHY W.; Lansing, *Home Management*—Glee Club 2,3,4; Iowa State Singers 2,4; Home Economics Club 2,3; University of Dubuque.

BARTON, DEAN M.; Eldora, *Mechanical Engineering*—

BARTON, HORACE A.; Ames, *Industrial Education*—Texas A&M.

BATCHELDER, KENNETH L.; Omaha, Nebr., *Civil Engineering*—Delta Upsilon; Social Council 4; Yel-Jax 2.

BATES, BARBARA J.; Des Moines, *Home Economics Education*—Home Economics Club 1,2,3,4; YWCA 1,2,3,4; Christian Science Organization 3,4, secretary 4; Veishea 3; Campanile Singers 3,4; Festival Choir 3,4; *Iowa State Daily* 2; Elm Hall, president 4; Principia College.

BAUER, FRED L.; West Chester, *General Engineering*—Pi Kappa Alpha; University of Nebraska; South Dakota State College.

BAUMAN, PAUL T.; Ames, *Geology*—Geology Club 2,3, secretary-treasurer 2,3; American Institute of Mining Engineers 3,4; University of Omaha.

BAURIEDEL, WALLACE R.; Des Moines, *Chemical Technology*—Delta Sigma Phi.

BAUSTIAN, BARBARA A.; Ames, *History*—Cardinal Guild 3; Glee Club 1; Festival Choir 1; 630 Club 3,4; Tau Gamma Club 3,4.

BAYLES, JOAN W.; Oelwein, *Household Equipment*—Delta Delta Delta; Home Economics Club 1,2,3,4; YWCA 1,2,3,4; *Homemaker* 3,4, treasurer 3; Glee Club 2,3,4.

BEACH, ROBERT J.; Cedar Rapids, *Mechanical Engineering*—

BEAN, JAMES D.; Geneseo, Ill., *Chemistry*—Iowa Chemical Society 3,4; Intramurals 2,3,4; University of Colorado; Gustavus Adolphus College.

BEARD, JOHN K.; Marshalltown, *Mathematics*—Kappa Sigma; Iowa State Players 3,4.

BEARDMORE, MAE; Dorchester, *Textiles and Clothing*—Kappa Delta; Home Economics Club 1,2,3,4; YWCA 1,2,3,4; Hamline University.

BEATTY, HARLYNN E.; Keosauqua, *Electrical Engineering*—AIEE 4; Norwich University; City College of New York.

BEAVER, LOIS A.; Cedar Rapids, *Home Management*—Home Economics Club 1; Iowa State Teachers College.

BEAVER, H. MAURICE; Cedar, *Animal Husbandry*—FarmHouse, Block and Bridle 1,2,3,4; *Agriculturist* 2,3; Livestock; Judging Team 4; Veishea 3.

BECK, CHARLES E.; Burlington, *Electrical Engineering*—Alpha Phi Omega; Wentworth Military Academy.

BECKERLE, RALPH A.; St. Charles, Mo., *Electrical Engineering*—Phi Delta Theta, secretary 3; AIEE 3,4; Newman Club 1,2,3,4, treasurer 2; New Moon Ball 2; Varsity "I" Club 2,3,4; "I" Carnival 2,3,4; Baseball 2.

BECKMAN, WILLIAM F.; Sioux City, *Mechanical Engineering*—Delta Tau Delta, president 4; Pi Tau Sigma 4; ASME 3,4; Interfraternity Council 4, treasurer 4; Engineer's Carnival 4; Northwestern University.

BEGUHN, ARNOLD A., JR.; Boone, *Aeronautical Engineering*—Knights of St. Patrick 4; Cardinal Guild 4; ASME 2; IAS 3,4; Iowa State Pontoniers 2; Veishea 2,3,4.

BEHNKE, HAROLD W.; Whittemore, *Agronomy*—Agronomy Club.

BEIN, DONALD H.; Davenport, *Industrial Education*—Delta Chi; Industrial Educational Club.

BELKNAP, WARREN E.; Mediapolis, *Chemical Engineering*—AIChemE 4; Ward System 1.

BELL, CHARLES N.; Des Moines, *Animal Husbandry*—Block and Bridle 3.

BELL, JOHN C.; Des Moines, *Electrical Engineering*—Phi Gamma Delta, treasurer 3; Tau Beta Pi, vice-president 4; Eta Kappa Nu; Pi Mu Epsilon; *Green Gander* 1; Homecoming 2,3; Veishea 2; Men's Pan-Hel Dance 3; Engineers Carnival 3,4; Student Faculty Committee 4.

BELL, RICHARD L.; Gilbert, *Agricultural Journalism*—Sigma Delta Chi; *Green Gander; Iowa State Daily.*

BELSCHNER, MARJORIE A.; Hawkeye, *Home Management*—Gamma Delta 2,3,4; YWCA 1,4; Home Economics Club 1,2,3,4; 4-H Club 1,2,3,4; Upper Iowa University.

BENBROOK, STANLEY C.; Ames, *Veterinary Medicine*—AVMA, treasurer 3; Veterinary Council, 3.

BENDA, NATALIE; Centerville, *Home Economics*—

BENNEDSEN, OLE B.; Kimballton, *General Engineering*—

BENNETT, ARTHUR C.; Lenox, *Animal Husbandry*—FarmHouse; Block and Bridle Club 1,2,3,4; Homecoming 2; Veishea 1,2,3.

BENNETT, ROBERT G.; Cedar Rapids, *Industrial Education*—Psi Chi 4; ROTC Rifle Team 1; Archery Club 1; Industrial Education 3,4; Varsity Rifle Team 2,3,4; University of Iowa.

BENNETT, WALTER D.; Mountain Home, Idaho, *Agronomy*—Agronomy Club 2,3,4.

BENSON, DONALD D.; Boone, *Industrial Economics*—Delta Upsilon; Glee Club 2,3,4; Festival Choir 2,3,4; Radio Workshop 3,4; Veishea 3; Westminster College.

BENTZ, LARUE C.; Waterloo, *General Engineering*—Delta Upsilon; SSIME 3,4; Festival Choir 2,4; Yel Jax 2.

BERCHENBRITER, GERALD D.; Cedar Rapids, *Agricultural Engineering*—ASAE 3,4; University of Iowa.

BERGES, HERMAN H.; Burlington, *Chemical Technology*—Phi Mu Alpha 1; Band 3; Iowa Chemical Society 2; Burlington Jr. College.

BERGQUIST, JUNE L.; Chicago, Illinois, *Education*—Sigma Kappa; YWCA 1,2,3,4; Home Economics Club 1,2,3,4.

BERKA, JACK S.; Nevada, *General Engineering*—Sigma Alpha Epsilon; SSIME 3,4; Tau Beta Pi 3,4; Phi Mu Alpha 3,4; Concert Band 2,3,4, treasurer 3, president 4; ISC Photographic Salon 2,3,4.

BERNDT, NEIL R.; St. Joseph, Mich., *Civil Engineering*—Lambda Ward, president 4; ASCE 2,3,4; ISA council 4; Western Michigan College.

BERRY, BARBARA W.; Ames, *Education*—Delta Zeta; Festival Choir 2,3,4; Girls Glee Club 3,4; Home Economics Ball 2,3; Women's Panhel Dance 2,3; 630 Club Representative 4; Campanile Singers 3; King of Sports Dance 4.

BERRY, DWIGHT C.; Chicago, Ill., *Electrical Engineering*—AIEE 2,3; AIEE-IRE 4; Engineers Carnival 4; North Park Junior College; Northwestern University.

BERRY, KEITH D.; Ames, *Geology*—Phi Delta Theta; Geology Club 2,3,4; Festival Chorus 1,2,3,; Tennis Squad 1; Northwestern University.

BERRY, ORVILLE J.; Berlin Center, Ohio, *Agronomy*—Agronomy Club.

BERRYHILL, GERALD W.; Buffalo Center, *Agricultural Engineering*—ASAE 2,3,4; University of Iowa.

BIAGI, RICHARD A.; Schenectady, N. Y., *Chemical Engineering*—

BIAGIOLI, DARIO P.; Des Moines, *Electrical Engineering*—

BIBB, WILLIAM V.; Ottumwa, *Mechanical Engineering*—ASME 4.

BIBER, SHELDON S.; Des Moines, *Architectural Engineering*—AIA, 2,3,4; ROTC 1,2.

BIEDERMAN, ROBERT A.; Mitchell, *Animal Husbandry*—Pi Kappa Phi; Iowa State Debaters 3; Block and Bridle 2,3,4.

BIERMAN, LOIS E.; Pierson, *Institution Management*—Home Economics Club 1,2,3,4.

BILLER, RAYMOND R.; Ladysmith, Wis., *Veterinary Medicine*—Sigma Phi Epsilon; University of Wisconsin.

BILLINGTON, MARION V.; Arlington, Va., *Applied Art*—Gamma Phi Beta, treasurer 3; Home Economics Club 1,2,3,4; YWCA 1,2,3,4; ISC Players 3.

BILYEU, JULIUS C.; Woden, *Industrial Education*—Waldorf College; University of Indiana; University of Cinncinati.

BINGER, WILLIAM P.; Sioux City, *Mechanical Engineering*—Scabbard and Blade 3,4; ASME 2,3,4; ROTC 2,3; ROTC Rifle Team 2,3; Society of American Military Engineers 2,3,4, president 2; Engineers Council, vice-president 4; Engineers Carnival 4; Veishea 3; Morningside College.

BIRD, REX L.; Ames, *Zoology*—Basketball 1; Choir 1; Adrian College; University of Michigan; Drake University.

BISHOP, JEANNE G.; Manchester, *Sociology*—College of St. Teresa.

BISSON, RUTH M.; Columbus, Nebr., *Home Management*—Alpha Gamma Delta; YWCA 1,2,3,4; Home Economics Club 1,2,3,4; Home Economics Council 1; League of Womens Voters 2,4.

BITTINGER, MORTON W.; Marathon, *Agricultural Engineering*—Tau Beta Pi 4; ASAE 2,3,4, treasurer 3; Alpha Zeta 4; Ward System 1,2,3,4.

BJORNDAHL, MARILYN J.; Chicago, Ill., *Dietetics*—Sigma Kappa; YWCA 1,2,3,4; Home Economics Club 1,2,3,4; Properties Board 4; Veishea 3; *Bomb* Beauty Ball 3; Home Economics Ball 3; Women's Panhel Ball 2.

BLACK, ROBERT E.; Ames, *Forestry*—Simpson College.

BLAIR, DONALD L.; Mc Allen, Texas, *Industrial Economics*—Alpha Phi Omega 1,2, 3; ISSIE 3; Iowa State Debaters 2,3.

BLAKE, DUANE L.; Gregory, S. D., *Agricultural Education*—Agricultural Education Club 3,4; Forestry Club 3; Forage Club 3,4; Oklahoma University.

BLAND, BETTY A.; Sioux City, *Home Management*—Delta Delta Delta, treasurer 3; Home Economics Club 1,2,3,4; Lindenwood College.

BLEAM, DORIS A.; Manson, *Textiles and Clothing*—Kappa Delta; Women's Glee Club; Iowa State Singers; YWCA 1,2,3,4.

BLICHBAN, HARVEY P.; Dubuque, *Electrical Engineering*—Phi Kappa, president 4, secretary 3; Knights of St. Patrick; AIEE; Intrafraternity Council; Winter Sports Carnival 4; Men's Panhel Dance 3.

BLIZZARD, EVERETT F.; Ames, *Mathematics*—Sigma Nu; Pi Mu Epsilon 3,4, secretary 4; Intramural Sports 2,3,4; ROTC 3,4; Los Angeles City College.

BLOMGREN, CARL V.; Albia, *Civil Engineering*—

BLOOMBERG, ROBERT T.; Galesburg, Ill., *General Engineering*—Delta Sigma Phi; GE Society 3,4; University of Kentucky; St. Norbert College; Bradley University.

BLOOMFIELD, DOROTHY M.; Belmond, *Home Management*—Home Economics Club 1,2; Messiah Chorus 1,2; Pep Queen Attendent 3.

BLUMER, LEO W.; Klemme, *Electrical Engineering*—AIEE 2,3,4; Eta Kappa Nu 3,4; Ward System 1,2,3,4; Waldorf College.

BOCK, CARL V.; Anamosa, *Civil Engineering*—Tau Beta Pi 3,4; ASCE 1,2,3,4.

BOEHM, HAROLD J., Spirit Lake, *Industrial Engineering*—.

BOEHMLER, WILLIAM H.; Hampton, *Aeronautical Engineering*—IAS 3,4.

BOEKE, ROBERTA S.; Ames, *Home Management*—Chi Omega; Home Economics Club 1,2,3,4; YWCA 1,2,3,4; *Bomb* 2; Veishea 2.

BOGUE, VICTOR A. JR.; Berwick, *Aeronautical Engineering*—IAS 3,4.

BOLIE, VICTOR W.; Ames, *Physics*—Phi Eta Sigma.

BOLLER, WILLIAM A.; Des Moines, *Chemical Engineering*—AIChemE 3,4; Engineers Carnival 3,4; Veishea 3,4.

BOMBACH, OTTO F.; Blairstown, *Mechanical Engineering*—University of Cincinnati.

BONESTROO, ALLISON J.; Hull, *Electrical Engineering*—AIEE 2,3,4.

BOND, MARY J. Ames, *Education*—Pi Beta Phi; YWCA 1,2,3,4; ISC Players 1,2,3, vice-president 3; WOI Radio Players 1,2,3,4; Panhellenic Council 2,3,4; Cardinal Guild 3; Veishea 3.

BONNELL, DWAYNE E.; Ft. Dodge, *Electrical Engineering*—

BOOTS, WENDELL K.; Ft. Dodge, *Electrical Engineering*—IRE 4; Radio Club 4; Veishea 2,3.

BORG, RAYMOND A.; Omaha, Nebr., *Electrical Engineering*—AIEE 4; University of Omaha.

BORGENDALE, BERTRAM H.; Ames, *Chemical Technology*—LSA 1,2,3,4; Inter-Faith Council 1,2; IVCF 1,2,3,4.

BORTLE, ROBERT I.; Sioux City, *Civil Engineering*—Acacia; ASCE 3.

BORUP, MARVIN W.; Camanache, *Chemical Engineering*—

BOSNAK, ANNE M.; Chicago, Ill.; *Textiles and Clothing*—Delta Zeta; Newman Club 1,2,3,4; *Bomb* 1,2; League of Women Voters 3; *Homemaker* 2; Social Bureau 4; Home Economics Club 2,3,4.

BOSNYAK, LOUIS L.; Los Angeles, Calif.; *Mechanical Engineering*—ASME 3,4; "I" Club 2,3,4; Football 1,2,3,4; University of Nebraska.

BOSS, MARVIN W.; Marion, *Agronomy*—Alpha Gamma Rho; Agronomy Club 1,2,3,4; Agriculture Council 3,4; *Agriculturist* 3; Harvest Ball 3,4; Agriculture Convocation 4.

BOSSARD, B. CARL; Tilden, Nebr., *Industrial Engineering*—SSIME; Lake Forest; Omaha University.

BOULTON, HAROLD L.; Columbus Junction, *Animal Husbandry*—

BOURNE, JOSEPH B. JR.; San Diego, Calif., *Mechanical Engineering*—Phi Kappa Psi, treasurer 2; Pi Tau Sigma 3,4; Tau Beta Pi 3,4, secretary 4; ASME 3,4; Winter Sports Club 3; Veishea 3.

BOWERS, HOWARD I.; Riverton, Kansas, *Mechanical Engineering*—Pi Tau Sigma 4; Alpha Phi Omega 1,2,3,4; Ward System 1; Arkansas State College.

BOWERS, WILLIAM W.; Okoboji, *General Engineering*—Sigma Chi; *Bomb* 2; GE Society 3,4; Veishea 4.

BOWLES, ROBERT L.; Wheat Ridge, Colo., *Statistics*—Veishea 3.

BOYER, RUSSELL B.; Cedar Rapids, *Aeronautical Engineering and Mechanical Engineering*—Theta Chi.

BRADLEY, LYLE R.; Dubuque, *Zoology*—Rifle Team 3,4; Intramurals 3; University of Dubuque.

BRANDT, CHARLES R.; Peterson, *Agricultural Engineering*—Phi Gamma Delta; ASAE 2,3,4, secretary 3; Agricultural Council 3,4; Veishea 4.

BRANDT, LLOYD L.; Garnaville, *Agricultural Education*—

BRANSCOM, DONALD D.; Fort Madison, *Architectural Engineering*—Coe College.

BREDAHL, FRANKLIN W.; Exira, *Veterinary Medicine*—Alpha Phi Omega 1,2,3, vice-president 4; Interfaith Council 3,4; AVMA 1,2,3,4; Varsity "I" Club 3,4.

BREDAR, WILLIAM L.; Davenport, *Civil Engineering*—Beta Theta Pi; ASCE 2,3,4; Newman Club 2,3,4; Senior Prom 4; Intramurals; St. Ambrose College.

BREIZY, CHARLES E.; Pittsfield, Mass., *Mechanical Engineering*—

BRENNEMAN, JOHN H.; Ames, *Architecture*—Delta Chi; Tau Sigma Delta 3,4; AIA 4; Veishea 2; De Pauw University; University of Oregon; Knox College.

BREWER, KENNETH M.; Chariton, *Mechanical Engineering*—Sigma Chi; *Bomb* 3; Simpson.

BRIDGES, D. GENE; Moville, *Agricultural Economics*—Agricultural Economics Club 2,3,4; Yel-Jax, president 3; Cardinal Guild 3; Debaters 3,4; Pep Council 4, vice-president 4; NISA 3,4.

BRINKMAN E. PHILLIPS; Rolfe, *Farm Operations*—Sigma Nu; Farm Operations Club 1,2,3,4; Agricultural Council 2; Football.

BRINTON, ELOISE M.; Stuart, *Home Economics Education*—Sigma Kappa; Home Economics Club 1,2,3,4; YWCA 1,2,3,4.

BRITSON, ORLAN H.; Radcliffe, *Agricultural Economics*—Agricultural Economics Club.

BRITSON, WALLACE E.; Radcliffe, *Agricultural Economics*—Agricultural Economics Club 2,3,4.

BROADWELL, WILLIAM E. JR.; Nashville, Tenn., *General Engineering*—Alpha Tau Omega, president 3; GE Society 3,4; Intramurals 2,3,4; Veishea 4; Vanderbilt University.

BRODERICK, PHILIP E.; Waukee, *Farm Operation*—Farm Operation Club 3,4; Newman Club 3,4; Intramurals 3,4; Creighton University.

BRODERSEN, William E.; Charlotte, *Architectural Engineering*—AIA 2,3,4, president 4, secretary 3; Tau Sigma Dleta 3,4; Newman Club 2,3,4; Veishea 3,4; Engineers Carnival 2,3,4; Homecoming 3,4; Loras College.

BROMELKAMP, HENRY J.; Monona, *Electrical Engineering*—Loras College.

BROMWELL, DAVID R.; Center Point, *Veterinary Medicine*—Sigma Phi Epsilon; AVMA 1,2,3,4; Upper Iowa University.

BROOKS, HAZEL B.; St. Louis, Mo., *Home Economics Education*—Lyon Hall, president 4; Roger Williams Club; Hannibal College.

BROOKS, LOUISE I.; Oto, *Technical Journalism*—Alpha Delta Pi; YWCA 1,2,3,4; *Iowa State Daily* 2,3,4; *Green Gander* 3; *Homemaker* 2,4; Festival Choir 2,4; Home Economics Club 1,2,3,4; Winter Sports Club 2.

BROWN, DONALD L.; Madison, Wis.; *Electrical Engineering*—AIEE 3,4; University of Wisconsin.

BROWN, ELSIE M.; Ames, *Household Equipment*—Alpha Gamma Delta; Home Economics Club 2,3,4; YWCA 1,2,3,4; WAA 3,4; League of Women Voters.

BROWN, KENNETH D.; Algona, *Forestry*—Delta Upsilon; Marching Band 2; Concert Band 4; Festival Choir 2; Forestry Club 4.

BROWN, WALTER C.; Cumming, *Electrical Engineering*—

BROWN, WILLIAM R.; Sigourney, *Aeronautical Engineering*—

BROWNSON, LLOYD D.; Monona, *Mining Engineering*—Pi Kappa Phi; AIME 3,4, president 4; AIChemE 4; Engineering Council 4; Veishea 3,4; Intramurals 2,3,4; Drum and Bugle Corps 2; Wartburg College.

BRUECK, DAVID A.; Battle Creek, *Agricultural Engineering*—ASAE 3,4; YMCA 2,3,4; Glee Club 2; American Veteran's Committee 3; Wabash College.

BRUNS, LAVAUN M.; Des Moines, *Chemistry*—ICS; Graceland College.

BRUNSON H. REX; Sibley, *Civil Engineering*—ASCE 1,2,3,4; ISVC 1,2,3,4; University of Iowa; St. Johns University.

BRUNSVOLD, MARTHA E.; Forest City, *Textiles and Clothing*—Sigma Alpha Iota 3,4; Home Economics Club 2,3,4; YWCA 2; Iowa State Players 2; Women's Glee Club 2,3,4; Iowa State Singers 4; Iowa State Teachers College.

BRYAN, RICHARD L.; Estherville, *General Engineering*—Phi Delta Theta.

BRYAN, SYLVAN C.; Hormick, *Animal Husbandry*—

BSHARAH, LEWIS; Beckley, W. Va., *Chemistry*—West Virginia University.

BUCHANAN, JOHN A.; Ames, *Chemical Engineering*—Sigma Alpha Epsilon; Alpha Chi Sigma 3,4; AIChemE 2,3,4; Engineers Carnival 3,4; Veishea 1.

BUCHANAN, WILLIAM E.; Philadelphia, Penn., *Industrial Economics*—Delta Sigma Phi; ISSIE 3,4; *Engineer* 1,2; *Sketch* 1; WOI Radio Workshop 1,2,3,4; Debate Society 4; Mixed Chorus 4 Men's Glee Club 4.

BUCHHOLZ, JAMES A.; Milwaukee, Wis., *Forestry*—Forestry Club 1,2,3,4; Veishea 4; *Forester* 3; *Agriculturist* 2; Intramurals 1,2,3,4; Football 1; Hampden College.

BUCK, DONALD A.; Rhodes, *Farm Operation*—Alumni Hall, secretary-treasurer 3; YMCA 4; Veishea 4.

BUCK, JAMES H.; Ames, *Industrial Engineering*—AIEE 2; ISC Band 3; Radio Club 4; SSIME 2.

BUCKNER, RUSSELL L.; Audubon, *Agronomy*—Ward System 1, 2,3,4, president 1,2; Agricultural Engineering Club 2; Agronomy Club 3,4; YMCA 3,4; 630 Club Council 2.

BUDLONG, DONALD G.; Titonka, *Animal Husbandry*—Alpha Gamma Rho; Scabbard and Blade 3,4; Block and Bridle 2,3,4; Pershing Rifle 3,4.

BUECHLER, EUGENE A.; Boone, *Animal Husbandry*—Block and Bridle 4; Band 1; Boone Junior College.

BUERKENS, BONNIE F.; Pella, *Home Economics Education*—Kappa Alpha Theta, president 4; Barton Hall, president; Home Economics Club 1,2,3,4; Veishea 4; Central College.

BUGENSTEIN, WALTER A.; Cedar Rapids, *Electrical Engineering*—AIEE.

BUND, GEORGE JR.; Ames, *Mechanical Engineering*—ASME 3,4.

BURCH, ROBERT W.; Davenport, *Aeronautical and Mechanical Engineering*—Kappa Sigma.

BURGRAFF, RICHARD I.; Mason City, *Industrial Economics*—Phi Kappa Psi.

BURKE, WILLIAM H.; Clinton, *Chemical Engineering*—AIChemE 3,4; Newman Club 1,2,3,4; Ward System 1,2,3,4.

BURKLE, MARY ELLEN; Sioux City, *Home Economics Education*—Gamma Phi Beta; Home Economics Club 1,2,3,4; YWCA 1,2,3,4; Radio Workshop 2,3; 630 Club 2,3.

BURNETT, VIRGINIA J.; Decatur, Ind., *Child Development*—Kappa Delta; Omicron Nu 4; Louisiana State University.

BURNHAM, FRANCIS H.; Thompson, *Industrial Education*—Industrial Education Club; Waldorf Jr. College.

BURROW, FLORENCE L.; Reynolds, Ill., *Institution Management*—Home Economics Club 1,2,3,4; YWCA 1,2,3,4; Campus 4-H Club 1,2,3,4.

BURTON, JOHN A.; Sauk Rapids, Minn., *Animal Husbandry*—Block and Bridle 2,3,4.

BURTON, JOHN W.; Moravia, *Mechanical Engineering*—*Green Gander* 2,3,4; *Engineer* 2,3,4; MRA newspaper 2,3,4.

BUTLER, EUGENE R.; Omaha, Nebr., *Electrical Engineering*—Eta Kappa Nu 3,4; AIEE 1,2,3,4; Cardinal Guild Representative 3.

BUTLER, WARREN E.; Omaha, Nebr., *Electrical Engineering*—AIEE 2,3,4; Newman Club 3,4; Campus Radio Club 3,4.

BUTZ, MARION F.; Ridgeway, *Landscape Architecture*—Ward System 2,3,4; Vistonian Club 2,3,4; Augustana College; Illinois State Normal University.

BURZLAFF, ARTHUR A.; Clinton, *Chemical Engineering*—ACS 1; AIChemE 1; Cornell College.

BUZZETI, ROMAINE F.; Williams, *Veterinary Medicine*—Luther College.

CALHOUN, EDWARD; Oregon, Ill., *Veterinary Medicine*—Pi Kappa Alpha.

CALLOW, BETTY J.; Chicago, Ill., *Sociology*—Kappa Delta; Science Women's Club 4; Sociology Club 1,2, secretary-treasurer 1; Veishea 1; *Iowa State Daily* 1; YWCA 4.

CALVERT Ia G.; Ames, *Electrical Engineering*—IRE 3,4.

CALVERT, JOHN W.; Keokuk, *General Engineering*—Phi Kappa Psi; Homecoming 3, Veishea 3.

CALVERT, PHILIP B.; Jefferson, *Dairy Industry*—Dairy Industry Club 2,3,4; Veishea 3,4.

CAMPBELL, JO ANNE Spencer, *Home Economics Education*—Delta Delta Delta; *Green Gander* 3,4; Home Economics Club; Veishea 3; YWCA; Home Economics Council 3; MacMurray College.

CAMPBELL, ROBERT E.; Sheldon, *Civil Engineering*—Lambda Chi Alpha, vice-president 4; Sheldon Junior College.

CANNON, JACK P.; Sioux City, *Psychology*—Pi Kappa Alpha; Psi Chi 3,4; South Dakota University.

CAREY, ROBERT E.; Des Moines, *Forestry*—Forestry Club 1,2,3,4.

CARL, BARBARA BERRY; Ames, *Textile and Clothing*—Pi Beta Phi.

CARL, HARRY S. JR.; Ames, *Chemical Engineering*—Delta Upsilon.

CARLTON, KEITH L.; Decorah, *Civil Engineering*—Sigma Alpha Epsilon; Dubuque University.

CARMAN, RICHARD W.; Petersburg, Ill., *Industrial Psychology*—Sigma Nu; Scabbard and Blade 2,3,4; Intramural Council, secretary 3.

CARR, GEORGENE A.; Des Moines, *History and Government*—Pi Beta Phi, vice-president 3; Pep Council, treasurer 3,4; WAA 1,2,3,4; WAA Council 4; Women's "I" Fraternity 3,4, president 4; Science Women's Club 2,3,4; Social Bureau 4.

CARRELL, R. MICHAEL; Des Moines, *Electrical Engineering*—Phi Kappa Psi, secretary 2; AIEE, secretary 4; Social Council 2; Electrical Engineering Short Circuit, editor 4; *Engineer*.

CARRITHERS, I. THOMSON; Cedar Rapids, *Architectural Engineering*—Phi Delta Theta; AIA 4; Intramural Council 3,4; Football 1,2; Tennis 1,2,3,4.

CARSON, JAMES R.; Britt, *Mechanical Engineering*—Pi Kappa Phi; ASME.

CARTER, DWIGHT C.; Lytton, *Animal Husbandry*—Men's Glee Club 1,2,3,4; Block and Bridle 1,2,3,4; Ward System; Campus 4-H 1,2.

CARTER, WILLIAM J.; Sioux City, *Agronomy*—Freshman Football; Track 1; Agronomy Club 3,4; Morningside College.

CARVEY, ROBERT M.; Davenport, *Chemical Engineering*—

CASSIDY, JAMES A.; Des Moines, *Electrical Engineering*—Sigma Phi Epsilon.

CHAMBERLAIN, ROBERT G.; Marion, *Mechanical Engineering*—ASME 1,2,3,4; *Bomb* 1; Ward Executive Council, secretary-treasurer 1,2; Ward News; Kappa Ward, president 1,2; Independent Party, vice-president 1, treasurer 1,2; Engineers Carnival 3,4; Veishea 3.

CHAMPLIN, ROBERT E.; Ames, *Architectural Engineering*—Sigma Chi, president 3; AIA 2,3,4; Interfraternity Council 3; Engineering Council 3; Engineers Carnival 3,4; Homecoming 4; Engineers Ball 3; Veishea 3; Wabash College; University of Notre Dame.

CHAPMAN, NORRIS E.; Des Moines, *Mathematics—Engineer* 2; Veishea 2; Girl Crazy 3.

CHASE, LELAND D.; Creston, Agronomy—ASA; Tarkio College; Phoenix College.

CHEWNING, MILTON J.; Dubuque, *General Engineering*—SSIME 3,4; Intramurals 1,2,3,4.

CHI, I-LUN ALLEN; Shansi, China, *Animal Husbandry*—Oberlin-in China.

CHILDS, EVERETT I.; Manchester, *Chemical Technology*—

CHRISINGER, JOHN E.; Winfield, *Aeronautical Engineering*—Tau Beta Pi, recorder; ISA, vice-president; Scabbard & Blade; Student Properties Board 3,4, business manager 4; Ward System, 1,2, publicity chairman 2; YMCA Quartet 2.

CHRISTENSEN, BERNARD J.; Kent, *Civil Engineering*—Creston Junior College.

CHRISTENSEN, DELMAR C.; Spencer, *Agricultural Economics—Agriculturist* 2; Agricultural Economics Club 2,3,4; Campus 4-H Club 2,3; YMCA 3,4; Friley Men's Chorus 3; Emmetsburg Junior College.

CHRISTENSEN, DOUGLAS H.; Harlan, *Agricultural Education*—

CHRISTENSEN, MARY L.; Ames, *Institution Management*—Delta Zeta; Home Economics Club 4; Intramurals 2,3,4; YWCA 4.

CHRISTENSON, DOUGLAS A.; Omaha, Nebr., *Electrical Engineering*—Delta Upsilon; AIEE 2,3,4; Veishea 2.

CHRISTIAN, JAMES L.; Clinton, *Industrial Economics*—

CHRISTIANSEN RONALD M.; Des Moines, *Animal Husbandry*—Buena Vista College; Drake University.

CIMBUREK, JOHN; Cedar Rapids, *Electrical Engineering*—AIEE.

CLAGETT, JAMES W.; Eagle Grove, *General Engineering*—Cardinal Guild 3; MRA, president 3, vice-president 3; "I" Club 2,3,4; GE Society 3,4, vice-president 3; Varsity Wrestling Team 2,3,4; Drexel Institute of Technology.

CLAGUE, THOMAS E.; Earlham, *Agricultural Engineering*—Farm-House; Cardinal Guild 4; Alpha Zeta 3,4; ASAE 2,3,4; National Council of Student Branches of ASAE, secretary 3, president 4; Agricultural Council 3,4, vice-president 4; *Agriculturist* 2,3,4; Editorial Board, *Iowa State Daily* 3; Grease Monkey's Ball 2; *Bomb* 2; Block and Bridle 1; Harmony Ball; Phi Mu Alpha Sinfonia 3,4; Men's Glee Club 2,3,4; Festival Choir 2,3,4; Iowa State Singers 4; Veishea, Agricultural Division Open House chairman 3.

CLAPP, NANCY A.; Ames, *Applied Art*—Kappa Delta; WAA 1; Twisters 1,2; *Homemaker* 2,3; *Green Gander* 4; Home Economics Club 1,2,3,4; YWCA 1,2,3,4.

CLAREY, JOSEPH E. JR.; Ames, *Agronomy*—Agronomy Club 3,4.

CLARK, LILLIS M.; Western Springs, Ill., *Dietetics*—Iowa State Players 1,2,3,4; Frisbie Fellowship 1,2; Roberts Hall secretary 3; Home Economics Club.

CLARK PAUL W.; Bedford, *Electrical Engineering*—AIEE-IRE; Roger William House 1; Men's Glee Club 1.

CLARK, RAYMOND N.; Des Moines, *Industrial Economics*—Phi Delta Theta; ISSIE 3,4; Veishea 1,2,3,4.

CLARK, ROBERT V.; Des Moines, *Electrical Engineering*—Eta Kappa Nu 3,4; AIEE 3,4; Harvard University.

CLAYTON, ELMER G.; Osgood, *Civil Engineering—Engineer* 2,3,4.

CLEMENS, HARLEY D.; Dumont, *Mechanical Engineering*—Pi Tau Sigma 3,4.

CLOCK, DONALD P., Los Angeles, Calif., *Electrical Engineering*—Pi Kappa Alpha; AIEE-IRE 4; Band 1.

CLUTS, SAMMUEL JR.; Redfield, *Electrical Engineering*—AIEE 3,4; Ward System 2,3,4.

COBLE, HARRY J.; Council Bluffs, *Economics*—

COBLE ROBERT B.; Council Bluffs, *Electrical Engineering*—Theta Xi; AIEE 1,2,3,4; Campus Radio Club 3,4.

CODY, MARLYN A.; Springfield, Pa., *Household Equipment*—Alpha Gamma Delta; Home Economics Council 3; Veishea 3; Home Economics Bazaar 4; Homecoming 4; *Bomb* 2,3; WAA 3,4.

COE, ROBERT B.; Omaha, Nebr., *Mechanical Engineering*—Kappa Sigma; Pi Tau Sigma 3; Doane College; Omaha University; University of Notre Dame.

COFFLAND, ROBERT T.; Pasadena, Calif., *Veterinary Medicine*—

COLDERWOOD, DAVID L.; Manilla, *Agricultural Engineering*—Campus Radio Club 1,2,3,4.

COLE, ROBERT C. JR.; Hudson, S. D., *Animal Husbandry*—Freshman Track 1; Intramurals 2; Livestock Judging Squad 1; Block and Bridle 4.

COLGIN, JAMES R.; Petersburg, Va., *Electrical Engineering*—AIEE 2,3,4; Campus Radio Club 2,3,4.

COLLIER, MURIEL K.; Durant, *Home Economics Education*—Campus 4-H 1,2,3,4, secretary-treasurer 3; Danforth Freshman Fellowship 1; Wesley Foundation Council 2; Home Economics Club 1,2,3,4; YWCA 1,2,3,4; WSSF Drive 2; *Homemaker* 3; Four Fold Founders 2,3,4.

COLLINS, ROBERT K.; Des Moines, *Industrial Engineering*—SSIME 4.

COLLINS, WAYNE C.; Dallas Center, *Industrial Economics*—Sigma Chi; Alpha Phi Omega 1; Reserve Officers Association 4; ISSIE 2,3, president 4; Psi Chi 3, president 4; Veishea 3; Junior Prom 3; Science Council 3,4; Greek Day 2; Joint Social Council 3; Intramurals 1,2,4.

COLLISTER, LAREW M.; Cedar Rapids, *Mathematics*—Coe College; Cornell College.

COLVIN, MARY JO.; Muscatine, *Mathematics*—Science Club; Birch Hall, secretary 2; Festival Choir 1,2,3,4.

CONKLIN, SMITH N. M. I.; Des Moines, *General Engineering*—GE Society; Veishea 3; Drake University; University of Florida; University of North Dakota.

CONN, REX B. JR.; Cedar Rapids, *Chemistry*—Sigma Chi; Cardinal Guild 4; Science Council 4.

CONRAD, ROBERT L.; Kankakee, Ill., *Electrical Engineering*—

CONSTANCE, FRANCES J.; Shawnee, Kans., *Home Management*—Radio Workshop 4; Inter-Faith Council 4; Cosmopolitan Club 2,3,4; YWCA 2,3,4; Kansas City Teachers College.

CONVEY, FRANCIS W.; Des Moines, *Mechanical Engineering*—ROTC 1; Iowa State Pontoniers 1; Newman Club 1; Delegate to Provincial Convention 1; Dowling College; University of Pennsylvania.

COOK, GALEN H.; Anamosa, *Electrical Engineering*—Alpha Tau Omega; *Iowa State Daily* 2,3; Homecoming 2,3; Harvest Ball 2; Newman Club 3,4; Intramural Basketball 1,2,3; *Engineer* 2.

COOK, JAMES A.; Webb, *Horticulture*—Horticulture Club 1,2,3,4.

COOK, RAYMOND E.; Sioux City, *Agriculture Education*—Agriculture Education Club 2,3,4; Roger Williams Club; Block and Bridle Club 1.

COOPER, CHARLES J.; Des Moines, *Industrial Economics*—Phi Gamma Delta; *Iowa State Daily* 2, Newman Club 2,3,4; Drake University; University of Notre Dame.

CORCORAN, JOHN W.; Ames, *Chemistry*—Alpha Chi Sigma; University of Iowa.

CORDINER, WILLIAM S.; Chicago, Ill., *Agricultural Education—Agriculturist* 4; Agricultural Education Club 2,3,4.

CORRIGAN, WALTER D. JR.; Cedarburg, Wisc., *Electrical Engineeding*—University of Wisconsin.

COTTINGHAM, WILLIAM T.; Sioux City, *Mechanical Engineering*—Campus Radio Club.

COULSON, WILLIAM F.; Belmond, *Mathematics*—

COX, CALVIN C.; Dexter, *Agricultural Education*—Delta Sigma Theta, treasurer 3; Agricultural Education Club.

COX, ROBERT M.; Ames, *Psychology*—Delta Sigma Phi; Springfield Junior College; University of Iowa.

COWLES, HAROLD A.; Chicago, Ill., *Chemical Engineering*—Pi Kappa Phi, president 4, treasurer 2,3; AIChemE 2,3,4, treasurer 3; AIME; Drexel Institute; University of California.
CRAIG, FRANCES M.; Des Moines, *Textiles and Clothing*—Pi Beta Phi; Home Economics Club 2,3,4; YWCA 2,3,4; *Homemaker* 2; William Woods Junior College.
CRANE, CURTISS W.; Ames, *Architectural Engineering*—Central Colleg; St. Ambrose.
CRAWFORD, DOROTHY M.; Pittsburgh, Pa., *Institution Management*—Kappa Kappa Gamma; Home Economics Club 1,2,3,4; YWCA 1,2,3; Homecoming 4; Sorority Pledge Council 2,3.
CRAWFORD, JOE V.; Marion, *Mechanical Engineering*—Pi Tau Sigma 2; Intramurals 3; Glee Club 1; Iowa State Singers 1; Cornell College.
CRISS, EUGENE N., JR.; Sac City, *General Engineering*—Sigma Alpha Epsilon; Football 1.
CRIST, BARBARA J.; Clarence, *Home Economics Education*—Alpha Delta Pi; Phi Eta Sigma; Home Economics Club.
CROOKER, WILLIAM G.; Waukesha, Wisc., *Mechanical Engineering*—Pi Tau Sigma.
CROWELL, KATHRYN R.; Havelock, *Home Economics Education*—Omicron Nu 3,4, treasurer 4; Home Economics Club 1,2,3,4; YWCA 1,2,3,4; Welch Hall, secretary 2, treasurer 3; League of Women Voters 2,3; 630 Club 4; Campus 4-H Club, Council 2.
CROWLEY, JOSEPH A.; Cedar Rapids, *Industrial Economics*—Delta Sigma Phi, treasurer 4; ISSIE 3,4.
CULBERTSON, JOHN M.; Brookfield, Ill., *Electrical Engineering*—AIEE-IRE; Band; Kansas State College.
CULBERTSON, VERNE L.; Guthrie Center, *Geology*—
CUMMINGS, HARRY L.; Knoxville, *Architecture*—Beta Theta Pi; AIA 2,3,4,5; Alpha Phi Omega 2,3,4,5; secretary 3; College Cossacks 1; Debate 2,3; Engineers Ball 3; *Green Gander* 2,3; *Engineer* 2; *Iowa State Daily* 2,3; Ward System 1; Union University.
CUMMINGS, ROBERT F.; Spencer, *General Engineering*—Kappa Sigma; *Iowa State Daily* 2,3; Veishea 4; Band 1,2; Michigan State College.
CUMMINGS, WILLIAM P.; Perry, *Chemical Engineering*—Phi Kappa Tau; Doane College; University of Notre Dame.
CURDE, THEODORE W.; Ames, *Industrial Education*—
CURRY, WILLIAM H.; Lost Creek, W. Va., *Agronomy*—Agronomy Club 3; Potomac State School of West Virginia University.
CURTIS, CARL W.; Nevada, *Agronomy*—Agronomy Club 2.
CUTLER, JAMES H.; Minneapolis, *Veterinary Medicine*—AVMA 1,2,3,4, treasurer; Carthage College; University of Nebraska.
CUTTER, CHARLES M.; Shenandoah, *Animal Husbandry*—Block and Bridle 2,3,4; Intramurals 3,4; Clarinda Junior College.

DANIELSON, MERVIN G.; Lehigh, *Agronomy*—Fort Dodge Junior College.
DAUFELDT, MYLDRED J. H.; Wilton Junction, *Home Economics Education*—Tau Gamma 4; WAA 2,3,4; Home Economics Club 2,3,4; YWCA 1,2; IVCF 2,3,4; 4-H Club 1,2; Iowa State Players 4; Westminster Fellowship 1,2,3,4; Veishea 3; Iowa State Teachers College.
DAVENPORT, JAY J.; Sioux City, *Chemical Engineering*—AIChemE; Morningside College.
DAVENPORT, WENDELL D.; Oskaloosa, *Civil Engineering*—AI-ASCE 2,3,4; Yel-Jax 1,2,3,4; Roger Williams Club 1,2,3,4.
DAVIDSON, GEORGE E.; Fort Dodge, *Industrial Engineering*—Delta Chi; SSIME 2,3; G.E. Society 3,4; Veishea 3; Newman Club 3,4; Intramurals 2,3,4; Michigan State College.
DAVIES, JAMES R.; Williamsburg, *Dairy Industry*—Dairy Industry Club 1,2,3,4; Agricultural Council 3,4; Dairy Products Judging Team 4; Marching Band 1.
DAVIES, ROBERT D.; Cleveland, Ohio, *Civil Engineering*—Theta Xi, president 4, vice-president 3; ASCE 2,3,4, cabinet 3,4; Engineering Council representative 3,4; Inter-fraternity Council 4.
DAVIS, CHARLES H.; Lorimor, *Civil Engineering*—ASCE; Ward System; University of Nebraska; South Dakota State College; Southwestern University.
DAVIS, DANIEL P.; Ames, *Civil Engineering*—Varsity Golf 3.
DAVIS, ELIZABETH A.; Kansis City, Mo., *Textiles and Clothing*—Pi Beta Phi; Home Economics Club 1,2,3,4; *Iowa State Daily* 4; Intramurals 2,3,4.
DAVIS, KEITH E.; Diagonal, *Civil Engineering*—ASCE 2,3,4; Beloit College; North Dakota State.
DAVIS, RICHARD S.; Des Moines, *Industrial Education*—
DAVIS, SHADRACH E.; Ames, *Poultry Husbandry*—Alpha Gamma Rho; Agricultural Council 3; Poultry Club 1,2,3,4, president 3, vice-president 2; secretary 1; Band 1,3,4; Glee Club 3; Poultry Judging Team 3.
DAY, JACKIE J.; Missouri Valley, *Home Economics Education*—Home Economics Club 3,4; Grinnell College.
DAY, ARTHUR A.; Corning, *Chemical Engineering*—Phi Lambda Upsilon 4; AIChemE 4.
DEBOIS, MARION L.; Rock Island, Ill., *Home Economics Education*—YWCA 1,2,3,4; Home Economics Club 1,2,3,4; WAA 1,2,3,4; Roger Williams Club 1,2,3,4; Theta Epsilon 2,3,4.
DEBORD, EILEEN E.; Reynolds, Ill., *Home Economics Education*—YWCA 1,2,3,4;Home Economics Club 1,2,3,4; 4-H Club 1,2,3,4; Twisters 2,3,4.
DEBUTTS, VIRGIL L.; Melbourne, *Animal Husbandry*—Phi Delta Theta; University of Iowa; Purdue University.
DECKER, GEORGE A.; Moline, Ill., *Mechanical Engineering*—Pi Tau Sigma 3,4; Tau Beta Pi 3,4; Engineers Carnival 3,4; Newman Club 1,2,3,4.
DEIHL, IRVING R.; Wapello, *Agronomy*—Alpha Zeta 3,4; Agricultural Council 3,4; Agronomy Club 1,2,3,4; Ward System 1,2.
DEINEMA, JOHN W.; Waverly, *Forestry*—Forestry Club 3,4; University of North Carolina; Wartburg College.
DEJONG, EVAN G.; Orange City, *General Engineering*—Veishea 4; University of Iowa; Northwestern Junior College.
DEKALB, VICTOR M.; Fairfield, *Forestry and Civil Engineering*—ASCE 4; Forestry Club 2,4; YMCA 1,2,3; Track 1,2,3,4.
DEKOSTER, ROGER P.; Spencer, *Industrial Education*—Industrial Education Club 3,4; Football 3; University of Iowa; William Jewell.
DELAHOOKE, EDWARD W.; Erie, Penn., *Electrical Engineering*—AIEE 3,4; Eta Kappa Nu 4; Iowa State Players 2; University of Maine; Virginia Military Institute.
DELONG, ARTHUR P.; Ames, *Electrical Engineering*—
DENNIS, ROBERT L.; Killduff, *General Engineering*—SAM 3,4; Ward System; *Engineer* 4; Baseball 1,4; Compton College.
DETERDING, LEO G.; Council Bluffs, *Mechanical Engineering*—ASME 2,3,4.
DETLEFS, DARWIN W.; Sioux City, *Industrial Education*—Theta Xi; Intramurals.
DETTMANN, EMERON P.; Alta, *Agricultural Education*—Agricultural Education Club 4; Buena Vista College.
DEVALOIS, ROGER E.; Orange City, *Mechanical Engineering*—Ward System 3; Northwestern Junior College.
DEVOE, ROBERT C.; Waterloo, *Architectural Engineering*—AIA 3,4; Rice Institute; Kansas State Teachers College.
DEWOLF, ROGER T.; Gilmore City, *Farm Operations*—Alpha Gamma Rho; Yel-Jax 1,2; Track 1,2; Agricultural Education Club; University of Notre Dame.
DICKASON, C. FRED, JR.; Omaha, Nebr., *Electrical Engineering*—AIEE-IRE 4; Ward System 4; University of Omaha.
DICKESON, BETTY J.; Spencer, *Textiles and Clothing*—
DIEKMANN, WENDELL R.; Waverly, *Aeronautical Engineering*—Wartburg College; University of Notre Dame.
DINKEL, JACK E.; Chariton, *Animal Husbandry*—Pi Kappa Alpha; Block and Bridle; Football 3; Chariton Jnior Colleg; Bradley University.
DOBSON, ROBERT D.; Omaha, Nebr., *Chemical Engineering*—Sigma Alpha Epsilon, treasurer 3; University of Chicago.
DODD, ROBERT L.; Ames, *General Engineering*—Alpha Chi Rho; G. E. Society 1,2,3,4; US Naval Academy.
DOLL, DOROTHY G.; Elkhart, Ind. *Applied Art*—Delta Zeta; YWCA 1,2,3,4, cabinet 2; Home Economics Club, vice-president 4, Council 3,4; Twisters 2.
DOLL, ROBERT J.; Dubuque, *Mechanical Engineering*—Phi Gamma Delta; ASME 3,4; Scabbard and Blade 4; Military Ball 4; Newman Club 3,4; Wabash College; University of Ill.
DOLVIN, MARY E.; Spencer, *Home Management*—Home Economics Club 2,3,4; YWCA 2,3,4; Festival Chorus 2,3,4; WAA 4; Veishea 4; Frances Shimer Junior College.
DONELSON, E. ANN; DeSoto, *Home Economics Education*—Home Economics Club 1,2,3,4; YWCA 1,2.
DONELSON, HARLAN J. JR.; Fairfax, Mo., *Farm Operation*—Tau Kappa Epsilon.
DOOLITTLE, DARLE M.; Webster City, *Forestry*—Forestry Club 3,4, secretary 4; Veishea 3; Track.
DORAN, SAM W.; Ames, *Forestry*—Grand View College.
DORSETT, CHARLOTTE E.; Fremont, Nebr., *Applied Art*—Delta Phi Delta 3,4; Home Economics Club 2,3,4; Midland College.
DOSCHER DONNA B.; Deadwood, S. D., *Textiles and Clothing*—Home Economics Club 1,2,3,4; YWCA 1,28; *Iowa State Daily* 3; Northern State Teachers College; South Dakota State College.
DOTY, VERNON E.; Webster City, *Industrial Education*—Industrial Education Club 2,3,4; Intramurals 2,3,4; Webster City Junior College.
DOTY, WAYNE; Webster City, *Animal Husbandry*—Block and Bridle; Webster City Junior College.
DOUGAN, PAUL K.; Cedar Rapids, *Veterinary Medicine*—Jr. AVMA 1,2,3,4; Coe College.
DOWNEY, HAROLD T.; Lamoni, *Aeronautical Engineering*—Tau Beta Pi 3,4; IAES 3,4; Engineering Council 4; Knights of St. Patrick 4; Graceland Junior College; Compton College.
DOYLE, MARTHA P.; Grand Junction, *Home Economics Education*—Home Economics Club 2,3,4; YWCA 1,2,3,4; Coe College.
DRAHOTA, DONALD H.; Jackson, Minn., *Agricultural Economics*—Agricultural Economics Club 1,2,3,4.
DRESCHSLER, EDWARD R.; Davenport, *Chemistry*—Sigma Phi Epsilon; Veishea 1,2; Bomb Beauty Ball 2; Track 1,2; St. Ambrose College.
DRESTE, MARILYN R.; Ames, *Psychology*—Psi Chi 4; Cambridge Junior College.
DREWRY, JOHN B.; Ames, *Architecture*—Pi Mu Alpha 3,4, treasurer 4; AIA 2,3,4, treasurer 4; YMCA 1,2,3,4, president 3; Symphony Orchestra 1,2,3,4; Oslo Handels-gymnasium.

DREWRY SHIRLEY L.; Ames, *Textiles and Clothing*—Home Economics Club 1,2,3; YWCA 1,2,3.

DREXLER, ROBERT E.; Cedar Falls, *Forestry*—Forestry Club 2,3,4; *Ames Forester*, associate editor 4; University of Iowa.

DRIFTMIER, DONALD P.; Shenandoah, *Mechanical Engineering*—Men's Glee Club; Iowa State Singers 4; Park College.

DRILLING, NORBERT G.; Cresco, *Electrical Engineering*—AIEE 2,3,4; Scabbard and Blade 3,4, treasurer 4; Veishea 3,4; Newman Club 2,3,4; University of Oklahoma.

DROSTE, EDWARD V.; Waverly, *Industrial Education*—Northeastern University; Wartburg College.

DUBBERT, JAMES W.; Laurens, *Agronomy*—YMCA 1,2,3,4; Agronomy Club; Festival Chorus 1.

DUBES, GEORGE R.; Sioux City, *Genetics*—Pi Kappa Phi; *Sketch* 2.

DUNCAN, MARY B.; Atlantic, *Textiles and Clothing*—Delta Zeta; Home Economics Club 1,2,3,4; Concert Band 1,2; Symphony Orchestra 1,2.

DUCOMMUN, WAYNE W.; Marcus, *Agricultural Engineering*—ASAE 3,4, treasurer 4; Ward System; Grease Monkeys Ball 4.

DUGGLEBY RICHARD S.; Des Moines, *Chemical Engineering*—AIChemE 3,4; Band 1; St. Ambrose College.

DUNKIN, DOYLE L.; Gravity, *Civil Engineering*—Clarinda Junior College; John Tarleton College.

DUNN, MARJORIE E.; Atkins, *Dietetics*—Omicron Nu; Home Economics Club 1,2,3,4; Band.

DUNN, PATRICIA A.; Sioux City, *Dietetics*—Kappa Delta; YWCA; WAA; Newman Club 1,2,3,4; Home Economics Club 1,2,3,4.

DURGAN, BILL R.; Menard, Tex., *Geology*—Geology Club 2,3,4; Alpha Phi Omega 4; San Angelo Junior College; John Tarleton College.

DUROE, COLLINGWOOD R.; Jeffers, Minn., *Sociology*—Delta Sigma Phi, secretary 2; Sociology Club 3,4.

DWINE, WILLIAM E.; Dow City, *Industrial Economics*—Alpha Tau Omega, vice-president 2, president 3; ISSIE 3,4; WOI Radio Workshop 1; Iowa State Players 2,3,4; Inter-fraternity Council 3,4, vice-president 4; Social Bureau 3, president 4; Veishea 3,4; Omaha University.

DYAS, RICHARD H.; Maquoketa, *Industrial Education*—Farm-House.

DYSON, GORDON E.; Casper, Wyo., *Electrical Engineering*—Veishea 3,4; University of Wyoming; Colorado School of Mines.

EASON, BERT F. JR.; Scranton, *Animal Husbandry*—Alpha Gamma Rho; Block and Bridle Club 1,2,3,4; Dairy Judging Team 4; Livestock Judging Team 4; Meats Judging Team 3,4; Wrestling 1,2.

ECKERT, EDWIN O.; Winona, Minn., *Architectural Engineering*—Theta Chi; AIA 2,3; Phi Mu Alpha 3,4; Rifle Team; Orchestra 1; Band 1,2,3,4; Veishea 2,3; Engineers Carnival 3; Harmony Ball 3,4.

EDGAR, JOYCE E.; Ames, *Technical Journalism*—Delta Zeta, president 4; Mortar Board, vice-president 4; Theta Sigma Phi 3,4; Phi Upsilon Omicron 3,4; Cardinal Guild 3; *Homemaker* 1,2,3,4, Homemaker Publication Board 3; Panhellenic Council, president 4; Technical Journalism Club, vice-president, 3; Home Economics Club Council 3; Veishea 2; *Iowa State Daily*.

EDMAN, RICHARD A.; Des Moines, *General Engineering*—

EDSON, GLORIA M.; Rockford, Ill., *Institution Management*—Home Economics Club 1,2,3,4; YWCA 1,2,3,4.

EDWARDS, HOWARD P.; Harlan, *Animal Husbandry*—Ward System; Block and Bridle Club.

EDWARDS, JAMES N.; St. Louis, Mo., *Electrical Engineering*—AIEE 2,3,4; Cross Country Track 2,3; Radio Club 2,3,4; Intramurals 2,3; Veishea 2,3; Westminster College.

EDWARDS, MARY K.; Council Bluffs, *Bacteriology*—Chi Omega; Science Women's Club 2,3; *Bomb* 3; YWCA 2,3,4; University of Iowa.

EDWALL, HELMER G.; Rembrandt, *Mathematics*—Delta Sigma Phi; Band 2,3; Buena Vista College.

EGGERMAN, HERSHEL W.; Powell, Wyo., *Agricultural Education*—Festival Choir; Chorus; University of Wyoming.

EGGIMANN, ELMER F.; Elkader, *Animal Husbandry*—Debaters 3,4; Block and Bridle Club 3,4.

EHRHARDT, A. JEANNE; Fenton, *Child Development*—Home Economics Club 1,2,3,4; YWCA 2,3; Campus 4-H 1,2.

EICKELBERG, DELLA E.; Janesville, *Home Economics Education*—Home Economics Club 1,2,3,4; Campus 4-H.

EIKE, EUGENE F.; Estherville, *Mechanical Engineering*—Estherville Junior College.

EINSPAHR, DEAN W.; Odebolt, *Forestry—Ames Forester;* Forestry Club 2,3,4.

EISENHART, ROBERT W.; Burlington, *Chemical Technology*—Ward System; Iowa Chemical Society 3,4; YMCA; Veishea 4; Cross Country Track 1,2,3; Intramurals 2.

ELDER, CHARLES M.; Elgin, Ill., *Dairy Industry*—

ELDERKIN, JOHN D.; Des Moines, *Agricultural Economics*—Agricultural Economics Club 2,3,4, president 4; Drake University.

ELLIOT, ALMA B.; Ames, *Foods and Nutrition*—New York State Teachers College.

ELLIOTT, LOREN S.; Mount Ayr, *Agricultural Engineering*—Pi Kappa Alpha; ASAE 4.

ELLIS, C. RICHARD; Ames, *Electrical Engineering*—Institute of Radio Engineers 4; *Sketch* 2,3.

ELLIS, STEWART C.; Kimball, Minn., *Veterinary Medicine*—Sigma Phi Epsilon; Jr. AVMA 1,2,3,4; *Veterinary Student* 1,2,3; University of Minnesota.

ELDRIDGE, MAURICE E.; Terril, *Agronomy*—Theta Delta Chi, ASA 1,2,3,4; Veishea.

ELLSWORTH, RICHARD H.; Omaha, Nebr., *Chemical Engineering*—AIChemE 3,4; Ward System; Doane College; University of Nebraska; United States Naval Academy.

ELTING SHIRLEY A.; Nevada, *Textiles and Clothing*—Home Economics Club 1,2,3,4; YWCA 1,2; 630 Club.

EMERSON, WAYNE L.; Eagle Grove, *Veterinary Medicine*—Pi Kappa Alpha; Veishea 2; Veterinary Ball 2; Jr. AVMA 1,2,3,4; Wrestling 1; Eagle Grove Junior College.

EMME, HAROLD H.; Hartington, Nebr., *Animal Husbandry*—Block and Bridle Club 1,2,3,4.

EMSLIE H. SCOTT; Kenmore, N. Y., *Zoology and Entomology*—Winter Sports Club 1,2; Science Women's Club 1.

ENGBERG, JOHN W. L.; Cedar Rapids, *Mechanical Engineering*—ASME.

ENGLER, THOMAS R.; Early, *General Engineering*—Phi Kappa Tau.

ENGLISH, GERALD R.; Sac City, *General Engineering and Mechanical Engineering*—

ENOS, EDWARD; Adel, *Forestry*—Forestry Club 4; Northwest Missouri State Teachers College; Scottsbluff Junior College.

ENSBERG, SIDNEY R.; Toronto, S. D., *Agricultural Education*—Agricultural Education Club 2,3,4; Iowa State Players; Augustana College.

ERICKSON, JOSEPH W.; Rutland, S. D., *Veterinary Medicine*—Sigma Phi Epsilon; Veterinary Student Publication Board 4; *Veterinary Student* 3,4; Union Board 1,2,3,4, vice-president 4; Veterinary Dance; South Dakota State College.

ERWIN, ROBERT H.; Kansas City, Mo., *Mathematics*—Sigma Alpha Epsilon; Football; Southeast Missouri State College.

ETHINGTON, DONNA S.; Ames, *Home Management*—Pi Beta Phi; *Homemaker* 2,3; Veishea 2; Home Economics Club 3,4; Cornell College.

ETHINGTON, PAUL J.; Ames, *Electrical Engineering*—Phi Delta Theta; AIEE 2,3,4; Veishea 3.

EVANS, ROBERT O.; Shelton, Nebr., *Electrical Engineering*—Alpha Chi Rho; AIEE 2,3,4; Intramurals; Wentworth Military Academy; Kearney State Teachers College.

EVANS, JAMES E.; Marshalltown, *Architectural Engineering*—AIA 2,3,4; Veishea 2.

EVANS, MERLE C.; Minneapolis, Minn., *Mechanical Engineering*—Veishea 3,4; Intramurals; University of California.

EYER, WILLIAM C.; Carlinville, Ill., *Civil Engineering*—ASCE.

FAHDEN, GUIDO E.; Des Moines, *General Engineering*—G.E. Society.

FAIRWEATHER, GEORGE W.; West Palm Beach, Fla., *Psychology*—Psi Chi.

FARNSWORTH, NOEL C.; Austin, Minn., *General Engineering*—Golf; Intramurals.

FARRELL, JAMES J.; Mt. Vernon, *Industrial Economics*—

FARRINGTON, FRANCES E.; Iowa Falls, *Dietetics*—Home Economics Club; Cosmopolitan Club, president 4; Theta Epsilon, president; Lyon Hall, treasurer 3, secretary 2.

FARRINGTON, RALPH S.; Ottumwa, *Poultry*—Poultry Club 2,3,4; Veishea.

FARRINGTON, WILLIS G.; Ottumwa, *Landscape Architecture*—SSIA 4; Ward System.

FEEKEN, DWAYNE E.; Omaha, Nebr., *General Engineering*—Sigma Alpha Epsilon; Track; "I" Club 2,3,4.

FEHR, MILTON E.; Eureka, Ill., *Agronomy*—ASA; University of Hawaii, Honolulu, T. H.

FELDMAN, ALFRED N.; Omaha, Nebr., *Electrical Engineering*—AIEE 2,3,4; *Bomb; Green Gander; Iowa State Daily*.

FENNESSY, F. MARCUS; Fort Dodge, *Electrical Engineering*—AIEE-IRE.

FERRIS, CALVIN M.; Ord, Nebr., *Agricultural Education*—Agricultural Education Club 1,2,3,4.

FEUCHT, RUTH J.; Hillman, Minn., *Home Economics Education*—Sigma Kappa; YWCA 4; 4-H Club 4; Home Economics Club 3; Little Falls Teacher Training School.

FIELD, MARIAN D.; Aneta, N. D., *Dietetics*—Festival Choir 4; Iowa State Singers 4; YWCA 3,4; Home Economics Club 3,4; Lyon Hall, treasurer 4; Concordia College.

FIELDS, JOHN F.; Tipton, *Industrial Education*—Industrial Education Club; Agricultural Council; Tipton Junior College.

FIELDS, ROBERT C.; Tipton, *Mechanical Engineering*—ASME; Veishea 1,2,3,4; Beloit College.

FILBERT, NORMAN H.; Council Bluffs, *Chemical Engineering*—Phi Gamma Delta, president 3; IFC; Veishea; *Sketch;* Radio Players 2,3,4; "Yearbook" 2,3.

FINCHAM, MILDRED L.; Ames, *Institution Management*—Kappa Delta; Home Economics Club 1,2,3,4; YWCA 1,2,3,4; Festival Choir 2,3,4; Glee Club 3,4; Orchestra; 4-H Club 1,2; Home Economics Council 4.

FINNEY, LOIS K.; Fort Dodge, *Textiles and Clothing*—Home Economics Club Club 2,3,4; YWCA 1,2,3,4; Veishea 1,2,3,4; Fort Dodge Junior College.

FISCH, HARRISON C.; Gaza, *Agricultural Engineering*—ASAE 2,3,4; Alpha Zeta 3,4; AVC 3,4; YMCA Cabinet; Ward System 1,2; Alumni Hall, president 4; ISC Marching Band; Concert Band; Orchestra 1,2; Iowa State Players 2; Engineers Carnival 3; Intramurals 3.

FISHER, WAYNE M.; Blair, Nebr., *Agronomy*—Agronomy Club.

FJARE, MILFORD A.; Ames, *Landscape Architecture*—SSIA 2,3,4; LSSA 1,2, vice-president 2; AIA 1.

FLATER, GUY N.; West Liberty, *Veterinary Medicine*—

FLECK, RONALD D.; Spirit Lake, *Chemical Engineering*—Delta Upsilon; AIChemE 4.

FLEMING, JAMES B.; Clarion, *Electrical Engineering*—Eta Kappa Nu 4; AIEE; Oregon State College; North Dakota State College.

FLETCHER, ALICE M.; Garden City, S. D.; *Sociology*—Sociology Club 4; Elm Hall, secretary 4.

FLICKINGER, ROBERT G.; Hope, N. D., *Veterinary Medicine*—

FLUHR, FREDERICK R.; Omaha, Nebr., *Electrical Engineering*—University of Omaha.

FOLEY, JOHN L.; Longmeadow, Mass., *Dairy Industry*—Adelante; Scabbard and Blade 2,3,4; Dairy Industry Club 2,3,4; *Iowa State Daily* 2; Intramurals.

FORD, PEARL M.; La Grange, Ill., *Institution Management*—YWCA; Home Economics Club 3,4; Lyon Hall, secretary 3,4; Lyons Township Junior College; Abilene Christian College.

FORD, ROBERT C.; Omaha, Nebr., *Chemical Engineering*—Theta Chi; AIChemE 2,3,4; Cossacks 2; University of Omaha.

FORMAN, WALLACE R.; Ames, *Industrial Economics*—Glee Club 3,4, vice-president 4; Festival Chorus 1,3,4; ISSIE; *Sketch;* College of the City of New York.

FORSBERG, JOHN H.; Sioux City, *Electrical Engineering*—ASME 2,3,4; AIEE 3,4; United World Federalists, president.

FOSLER, ELLEN L.; Lena, Ill., *Institution Management*—Home Economics Club 1,2,3,4; Glee Club 1; Chorus 1,2.

FOSSELMAN, RICHARD P.; Des Moines, *Industrial Engineering*—G. E. Society 3,4; Dowling Junior College; Drake University.

FOSTER, CLIFFORD A.; Rochester, N. Y., *Industrial Economics*—ISSIE 2,3,4; Radio Workshop 1,2; Iowa State Players 2,3,4; Newman Club 1,2; Rider College.

FOSTER, EDWARD A.; Denver, Colo., *Civil Engineering*—ASCE 3,4; Tau Lambda Rho 4; University of Colorado.

FOUST, LEO H.; Sulphur Springs, *Industrial Education*—

FOX, GEORGE S.; Oelwein, *Mechanical Engineering*—Delta Tau Delta.

FOX, JOSEPH P.; Burbank, Calif., *Industrial Economics*—

FRAKES, RICHARD F.; Goldfield, *Electrical Engineering*—AIEE 2,3,4.

FRANKLIN, JOHN L.; Des Moines, *Civil Engineering*—St. Ambrose; St. Mary's.

FRANSON, EVERT E.; Red Oak, *Civil Engineering*—ASCE 3.

FRANTZEN, KARL H.; Ames, *Agricultural Education*—Agricultural Education Club; Estherville Junior College.

FREDERICK, LEO E.; Lisbon, *Farm Operations*—Farm Operations Club 4; Band 1,2,3,4; Glee Club 1; Chorus 1,2,3,4; 4-H Club 1.

FREE, JOHN M.; Melrose, Minn., *Architectural Engineering*—AIA, 1,2,3,4, treasurer 3,4; Newman Club; Veishea 3.

FREEMAN, JOHN W.; Olin, *Civil Engineering*—Cornell College.

FREITAG, DEAN R.; Ft. Dodge, *Civil Engineering*—ASCE 3,4; Ft. Dodge Junior College.

FREVERT, WILLIS D.; Rockford, *Agricultural Engineering*—ASAE; Engineer Council 3; Glee Club 3,4; Gustavus Adolphus College.

FRIEDGEN, ROBERT D.; Omaha, Nebr., *Civil Engineering*—ASCE 2,3,4; University of Notre Dame; University of Omaha; Doane College.

FRIESTH, E. RICHARD; Ft. Dodge, *Mechanical Engineering*—ASME; Pacific Lutheran Parkland.

FRITTS, CARROLL E.; Mankato, Minn., *Chemical Engineering*—Alpha Phi Omega 1,2,3,4; AIChemE 2,3,4; Festival Choir 1,2,3,4.

FRITZ, CHARLES L.; Ft. Dodge, *Mathematics*—Pi Kappa Phi; Pi Mu Epsilon 4.

FROHARDT, MELVIN W.; Council Bluffs, *Agricultural Engineering*—Delta Sigma Theta 2, vice-president 3, president 4; ASAE 4; Intramurals; Ward System 1,2,3,4.

FULTON, PHYLLIS; Spencer, *Applied Art*—Home Economics Club 1,2,3,4; WAA 1,2,3,4; YWCA 1,2,3,4; Veishea 1,2; Intramurals 2,3,4; 4-H Club 1,2,3; Festival Chorus 1,3,4.

FUNK, WILLIAM J.; Waterloo, *General Engineering*—SAM 1,2,3; SSIME 4; College Cossacks 3; Engineers Carnival 3; Pammel Court Council 4.

GAGE, ROBERT D. JR.; Storm Lake, *Industrial Engineering*—Cardinal Guild 3; Alpha Phi Omega 2,3,4, president 3; G. E. Society 3,4.

GAGNON, JOHN B.; Ft. Dodge, *Agronomy*—Delta Chi; Agronomy Club; Ft. Dodge Junior College.

GALBREATH, BERNICE M.; Hampton, Minn., *Household Equipment*—

GALBREATH, DALE G.; Traer, *Industrial Economics*—Alpha Chi Rho; ISSIE; Intramurals.

GALLIGAN, JERRY E.; Ames, *Civil Engineering*—Sigma Alpha Epsilon; ASCE 1,2,3,4; SAME 3,4, secretary 3; Pontoniers 3,4; Scabbard and Blade 4, secretary 4; Veishea 3; Military Ball 4; Track 1,2,3; University of Kansas.

GALVIN, JOSEPH P.; Ames, *Sociology*—Sigma Nu; Sociology Club 3,4; Newman Club 2,3,4; Park College.

GAMBLE, STANLEY B.; Wayne, Nebr., *Chemical Engineering*—Nebraska State Teachers College.

GANSER, MARY E.; Chicago, Ill., *Home Management*—Home Economics Club 1,2,3,4; YWCA 1,2,3,4; Twisters 2.

GARDNER, EILEEN B.; Des Moines, *Home Management*—Home Economics Club; Glee Club 1,2; *Engineer;* Engineers Ball 2; Bomb Beauty Ball 3; Engineering Council, secretary 3; Festival Chorus.

GARDNER, JOSEPH M.; Burlington, *Electrical Engineering*—AIEE-IRE 3,4; WOI 3,4; Burlington Junior College.

GARDNER, WALTER H.; Des Moines, *Farm Operations*—YMCA 1,2,3,4.

GARNER, H. FILMORE; Osceola, *Geology*—Theta Chi; Geology Club 3,4, secretary-treasurer 4; Wintermezzo 3; Mens Glee Club 1,2,3.

GASSER, WILLIAM R.; Baraboo, Wisc., *Agricultural Climatology*—Festival Chorus 3; University of Wisconsin.

GASPERI, CARL J.; Des Moines, *Electrical Engineering*—Drake University.

GASPERI, RAYMOND J.; Oskaloosa, *Mechanical Engineering*—Pi Tau Sigma 3,4; ASME 3,4; Engineering Carnival 3,4; Veishea 3,4; Drake University.

GASTON, MARCIA A.; Peterson, *Home Management*—Phi Upsilon Omicron, treasurer 3,4; Home Economics Club 1,2,3,4; YWCA 1,2,3,4; Twisters 1,2,3,4; Interfaith Council 3,4; 4-H Club; Band 1.

GATZ, JOANNE K.; Omaha, Nebr., *Physics*—Pi Mu Epsilon 3,4; WAA 2; YWCA 2,4; Science Women's Club 2,3,4; Inter-Faith Council 4; *Bomb;* Intramurals 2,3; Lutheran Student Association 2,3,4; University of Omaha.

GAUGER, ROBERT; Rockford, *Electrical Engineering*—Eta Kappa Nu 3,4; Delta Sigma Theta 2,3,4; AIEE 2,3,4; Ward System 1,2,3,-4; Radio Club 2,3,4.

GAYER, DOROTHY M.; Ames, *Home Management*—Home Economics Club 1,2,3,4; Newman Club 1,2,3,4; WAA 1,2; George Washington University.

GEIGER, JOHN K.; Ottumwa, *Mechanical Engineering*—Theta Xi; ASME 2,3,4.

GEPPERT, ROBERT J.; Council Bluffs, *Mechanical Engineering*—ASME; Pammel Court Mayor 3; University of Iowa; St. Ambrose College.

GERLACH, GEORGE M.; Hubbard, *Forestry*—Sigma Chi; Ellsworth Junior College.

GERVAIS, HUGH B.; Currie, Minn., *Dairy Industry*—Phi Kappa; Newman Club 1,2,3,4; Dairy Industry Club 2,3,4.

GHOSTLEY, FRED J.; Anoka, Minn., *Poultry Husbandry*—Poultry Club 2,3,4; Band 2,3,4; Macalester College.

GIBBONS, LELAND H.; Redfield, *Electrical Engineering*—AIEE 1,2,3,4; Ward System 1,2,3,4.

GIBSON, JAMES W.; Ames, *Electrical Engineering*—Eta Kappa Nu 3,4; Tau Beta Pi 3,4; Pi Mu Epsilon 3,4; AIEE 1,3,4; Swimming Team 1.

GILDERMASTER, EUGENE F.; Princeton, Ill., *Mechanical Engineering*—Delta Sigma Phi; Pi Tau Sigma 3,4; Tennis 1,2,3,4; Homecoming 4; Ward System; Intramurals 1,2,3,4.

GILDERMASTER, LYLE H.; Princeton, Ill., *Animal Husbandry*—Block and Bridle Club 1,2,3,4; YMCA; Tennis; Albion College.

GILES, ROBERT S.; Ames, *Mechanical Engineering*—Theta Xi; *Bomb* 1,2; Iowa State Players 1,2; *Engineer* 4; U. S. Naval Academy.

GILKEY, ARTHUR K.; Ames, *Geology*—Pi Mu Epsilon 3,4; Science Council 2,3,4, president 3; Geology Club 3,4, president 4; Cardinal Guild 4; Science Publication Board 3; Science Curriculum Representative 4.

GILL, HELEN J.; Clinton, *Experimental Cookery*—Kappa Phi.

GILMORE, BRUCE L.; Webster City, *Civil Engineering*—Phi Kappa Tau; ASCE 2,3,4; University of Notre Dame; Doane College; Adams State College.

GISH, RICHARD W.; Mason City, *Civil Engineering*—Phi Mu Alpha 3,4; Delta Sigma Theta 2,3,4; Men's Glee Club 1,2; ASCE 3,4; *Engineer* 1.

GLADSON, RUTH M.; Atlantic, *Child Development*—Home Economics Club; YWCA; Veishea 2; Campus 4-H Club 1,2.

GODDARD, DONALD W.; Rhinelander, Wis., *Forestry*—Forestry Club 1,2,3,4; University of Minnesota.

GOELDNER, PAUL; Osceola, *Architecture*—AIA 2,3,4,5; Concert Band 1,2; Orchestra 1,2; Festival Chorus 3.

GOETSCH, FOREST L.; Murray, *Agricultural Economics*—Pi Kappa Phi; Alpha Zeta 3,4, Scribe 4; Interfraternity Council 3; *Agriculturist* 4; Veishea 3.
GOLDEN, BARBARA L.; Kansas City, Mo., *Dietetics*—Home Economics Club 1,2,3,4; YWCA 1,2,3.
GOODE, CLEONE S.; Albia, *Agricultural Engineering*—Phi Kappa Tau, vice-president 4, secretary-treasurer 2; ASAE 1,2,3,4; Veishea 1,2,3,4; Engineers Carnival 3,4; *Agriculturist* 4.
GOSLING, BARBARA A.; Manchester, *Dietetics*—Omicron Nu 3,4; Home Economics Club 1,2,3,4; YWCA 1,2,3,4.
GOSSARD, DEAN C.; Council Bluffs, *Forestry*—Forestry Club 1,2,3; University of Detroit.
GOTTFRIED, ROBERT E.; Des Moines, *Electrical Engineering*—
GOULD, CALVIN H.; JR.; Fairmont, Minn., *Civil Engineering*—Phi Gamma Delta, secretary; Stanford University; University of California.
GRAFF, JANE; Ames, *Applied Art*—Kappa Kappa Gamma; Delta Phi Delta; Home Economics Club 3,4; Home Economics Curriculum Committee 2,3,4, secretary 4; Veishea 2,3; YWCA 3; Union 410 4; Monticello College.
GRAHAM, FREDERICK M.; Des Moines, *Civil Engineering*—Tau Beta Pi; ASCE 3,4; YMCA 3,4; AVC, treasurer; Intramurals 3; Veishea 4; Drake University.
GRAHAM, GORDON G.; Creston, *Industrial Engineering*—ASME 2; G. E. Society 2,3,4; Ward System 2,3,4; Wheaton College.
GRAHAM, JAMES H.; Sioux City, *Forestry*—Sigma Phi Epsilon; Forestry Club 1,2,3,4; *Bomb* 3,4; Alpha Phi Omega 2,3,4.
GRAHAM, RALPH S.; Sioux City, *Mechanical Engineering*—Morningside College.
GRAINGE, FLOYD M.; Ames, *Industrial Education*—IFTA; Industrial Education Club; Newman Club; Veishea.
GRAPES, ROBERT D.; Delhi, *Mechanical Engineering*—University of Dubuque.
GRAVER, GEORGE D.; Lisbon, *Dairy Husbandry*—Dairy Husbandry Club 1,2,3,4; Block and Bridle Club 2,3,4; Marching Band 1,2.
GRAY, JO ANN; Milwaukee, Wis., *Home Management*—Pi Beta Phi; Home Economics Club 1,2,3; YWCA 1,2; WAA 1,2,3.
GREENE, J. RUSSELL; Columbus Junction, *Agronomy*—Farm-House; Glee Club 1,2,3.
GREENFIELD, GERALDINE; Sibley, *Mathematics*—Science Women's Club; 630 Club; Oklahoma Agriculture and Mining College.
GRIFFEN, DONALD C.; Ames, *Industrial Economics*—ISSIE 4; University of Louisville.
GRIFFITH, FRANK R.; Omaha, Nebr., *Mechanical Engineering*—Acacia; University of Omaha.
GRISSO, PAUL B., JR.; Washington, D. C., *Physics*—Cosmopolitan Club.
GRIST, RICHARD P.; Bessmer, Pa., *Forestry*—Alpha Zeta 3,4; Forestry Club 1,2,3,4, secretary 3; Intramurals 2,3,4; Veishea 3,4; Missouri Valley College.
GRODAHL, WAYNE R.; Rembrandt, *Farm Operations*—
GRUNDON, JANE; Fort Dodge, *Home Management*—
GUGELER, DONALD F.; Dallas, *Physics*—Phi Mu Alpha; Band.

HAAS, J. DONALD; Mountin Lakes, N. J., *Mechanical Engineering*—Dormitory Advisory Council 3,4; Dormitory Intramural Council 4; Social Council 3; Newman Club 3,4; ASME 3,4.
HACKBARTH, MERRILL L.; Dows, *Agricultural Economics*—Alpha Gamma Rho; Agricultural Economics Club 2,3,4.
HACKBARTH, ROY K.; Ogden, *Aeronautical Engineering*—IAS 4; Intramurals 2.
HAHN, MARGARET M.; Lamont, *Home Economics Education*—YWCA 4; Home Economics Club 4; Festival Choir 4; Intramurals 4; Wartburg College; Iowa State Teachers College.
HAISLET, RICHARD JR.; Park Ridge, Ill., *Technical Journalism*—Delta Sigma Phi.
HALL, MARJORIE J.; Wheaton, Ill., *Child Development*—YWCA 1,2,3,4; Home Economics Club 1,2,3,4; Marching Band 1.
HALVER, BERNARD A.; LeRoy, Minn., *Landscape Architecture*—Epsilon Pi Alpha; SSIA 2,3,4; LSA 2,3,4; Concert Band 1,2; Intramurals 1,2,3,4; Basketball 1; Gustavus Adolphus.
HAMILTON, DAVID R.; Indianola, *Civil Engineering*—Phi Kappa Psi; ASCE 2,3,4.
HAMILTON, JOHN W.; Davenport, *Civil Engineering*—Delta Sigma Phi; Intrefraternity Council 3,4; Cardinal Guild 4.
HAMILTON, MARY A.; Bancroft; *Textiles and Clothing*—Home Economics Club 1,2; Newman Club 1,2,3,4; College of St. Catherine.
HANS, CAROL L. Brooklyn, *Dietetics*—Home Economics Club 2,4; YWCA 2; Northeast Missouri State Teachers College.
HANS, ELDON J.; Brooklyn, *Animal Husbandry*—Alpha Gamma Rho; Block and Bridle 2,3,4; Debate Club 2; *Agriculturist* 2.
HANSEL, DALE E.; Manchester, *Architectural Engineering*—Cardinal Guild 3; AIA 4; Interfraternity Dance 3; Veishea 3.
HANSEN, CARLYLE E.; Fairbault, Minn., *Dairy Industry*—Delta Sigma Phi; Interfraternity Intramural Council, president 3; Dairy Forum, president 4; Dairy Industry Club 2,3,4.
HANSEN, DEVAH L.; Omaha, Nebr., *Textiles and Clothing*—Home Economics Club 2,3,4; Iowa State Debaters 3,4; Winter Sports Club 3,4; Iowa State Players 2; Omaha University.
HANSEN, FRANCES B.; Atlantic, *Home Management*—Campus 4-H Council 2; Tau Gamma Club 2; Festival Choir 1,2.
HANSEN, GLORIA W.; Atlantic, *Experimental Cookery*—YWCA 1,2; Home Economics Club 1,2,3,4.
HANSEN, JACK T.; Miles City, Mont., *Electrical Engineering*—Delta Tau Delta, vice-president 3; Eta Kappa Nu 3,4; Tau Beta Pi 4; AIEE 2,3,4; *Bomb* 4; Engineers Carnival 3,4; Veishea 2,3,4; Homecoming 3; Morningside College; University of Idaho.
HANSON, ARLON L.; Kanawha, *Agronomy*—Agronomy Club.
HARMON, CHARLES H.; Newton, *Animal Husbandry*—Block and Bridle.
HARMON, VIRGINIA M.; Des Moines, *Textiles and Clothing*—Alpha Delta Pi; WAA 2,3; Home Economics Club 1,2,3,4; YWCA 1,2,3; 630 Club 3,4.
HARMS, VERNE E.; Chicago Heights, Ill., *Chemical Engineering*—Delta Chi; AIChemE; Baseball.
HARPER, CLARENCE E.; Ames, *Electrical Engineering*—Ward System 1,2; AIEE-IRE 4; Wrestling 1,2,3,4.
HARPER, HARLAN P. JR.; Ames, *Animal Husbandry*—Block and Bridle 1,2,3,4; Iowa State Players 3.
HARRINGTON, JACK E.; Ida Grove, *Electrical Engineering*—Sigma Chi; AIEE; Winter Sports Club 3,4; Engineers Carnival 2; Engineers Carnival 2; Veishea 3.
HARRINGTON, THADDEUS A.; Maquoketa, *Forestry*—Kappa Sigma, vice-president 3; Forestry Club 1,3,4; *Ames Forester* 4; St. Ambrose College; University of Notre Dame.
HARRINGTON, WILLIAM G.; Davenport, *Civil Engineering*—ASCE; St. Ambrose College.
HARRIS, JAMES L.; Omaha, Nebr., *Electrical Engineering*—AIEE 1,2,3,4; Tennis 2,3,4; Varsity "I" Club 2,3,4; Doane College.
HARTMANN, MARGIE; Granite City, Ill., *Dietetics*—Alpha Delta Pi.
HARTWIG, DONALD R.; Rock Island, Ill., *Mechanical Engineering*—ASME 3,4; Newman Club 2,3,4; St. Ambrose College.
HASEK, JOHN M.; Ames, *Forestry*—Pi Kappa Alpha; Alpha Phi Omega 2; Marching Band 1,2; Forestry Club 2,3,4.
HASKELL, ALBERT M.; Huron, S. D., *Agronomy*—Beta Theta Pi; Alpha Phi Omega 2,3,4; Agronomy Club 2,3; Winter Sports Club 2,3; Intramurals 2,3; Huron College.
HASSEBROCK, KENNETH L.; Manly, *Civil Engineering*—ASCE 2,3; Westmar College.
HATCHER, ROY G.; Grinnell, *Forestry*—Alpha Phi Omega 1,2,3,-4; Phi Mu Alpha 4; Marching and Concert Band 1,2,3,4; Forestry Club 2,3.
HAUPT, ERNEST G.; Belmond, *Dairy Industry*—Dairy Industry Club 1,2,3,4; Marching and Concert Band 1,2.
HAUSER, DALE R.; Gowrie, *General Engineering*—Alpha Tau Omega; *Iowa State Daily* 4; Football 1.
HAUSER, GEORGE P.; Ames, *Animal Husbandry*—Block and Bridle 1,2,3,4.
HAW, ROBERT A; Ottumwa, *Industrial Economics*—Delta Tau Delta; Band 1,2; ISSIE, secretary 3,4; Veishea 2; University of Kansas.
HAWKINS, ROYAL R.; Le Mars, *Electrical Engineering*—AIEE 4.
HAWKS, JAMES W.; Des Moines, *Landscape Architecture*—Alpha Tau Omega; *Gander;* Horizons Magazine; Glendale College.
HAWTHORN, HORACE D.; Castana, *Mechanical Engineering*—Morningside College.
HAYES, CAROL J.; Mt. Pleasant, *Physics*—Pi Beta Phi; Pi Mu Epsilon 3,4; Psi Chi 4; *Bomb* 2,3; Science Women's Club 2,3,4; Elm Hall, treasurer 3; Iowa Weslayan.
HAYES, HAROLD L.; Indianola, *Aeronautical Engineering*—Simpson College.
HAYES, JAMES W.; Oskaloosa, *Electrical Engineering*—Eta Kappa Nu 3,4; University of Idaho.
HAYLER, FRANK A.; Newton, *Industrial Engineering*—Montana School of Mines.
HAYS, RICHARD H.; Omaha, Nebr., *Landscape Architecture*—Tau Sigma Delta 3; SSLA 3; Vistonian Club 2; Horizons Club 2; YMCA 3; University of Omaha.
HAZLITT, JAMES R.; Iowa Falls, *Agricultural Education*—Agricultural Education Club; Ellsworth Junior College.
HEALY, THOMAS L.; Pensacola, Fla.; *Mathematics*—Alpha Tau Omega; Pi Mu Epsilon 4; Marching Band 1.
HEATH, JEAN B.; Duluth, Minn.; *Home Management*—Sigma Kappa; Home Economics Club; YWCA; *Homemaker; Green Gander; Iowa State Daily;* Young Republicans League; Theater Workshop; League of Women Voters.
HEDRICK, FRANKLIN F., JR.; Chicago, Ill., *General Engineering*—G. E. Society 3,4; SSIME 2,3; Chamberlain House, president 4; MRA, president 4; Independent Students' Association.
HEEREN, ALVIN L.; Rock Rapids; *Civil Engineering*—
HEGARTY, JAMES M.; Sioux City, *Electrical Engineering*—AIEE-IRE.
HEINS, STERLING; Redfield, *Electrical Engineering*—Eta Kappa Nu 3,; AIEE 2,3,4; Alpha Phi Omega 1; Cardinal Guild 3; *Bomb* 2,3; MRA 2; *Engineer* 2; Illinois Institute of Technology.
HELD, ESTHER L.; Hinton, *Textiles and Clothing*—Home Economics Club 1,2,3,4; Band 1; Chorus 3,4; Theater Workshop 4; Morningside College.

HENDERSON, JOHN E.; Ryan, *Agronomy*—Alpha Gamma Rho.
HELMSTADTER, GERALD C.; Omaha, Nebr., *Mathematics*—Pi Kappa Alpha; Pi Mu Epsilon 3,4; Psi Chi 2,3,4; Veishea 3; University of Omaha; Biarrite American University.
HENDRICK, CATHARINE M.; Milbank, S. D., *Zoology*—Science Women's Club 1,2,4; YWCA 1,2,4; Festival Choir 2,3,4; Orchestra 1.
HENDRICKSON, ETHEL MAE; Gibbon, Nebr., *Technical Journalism*—Kappa Delta, president 4; Pi Upsilon Omicron 3,4; Theta Sigma Phi 3,4, secretary 3; Veishea 4; Pan Hellenic Council 4; *Homemaker* 2,3,4, treasurer 3; Iowa State Players 1,2,3; Radio Players 1,2.
HENDRICKSON, LAUREN P.; Kamrar, *Industrial Economics*—Delta Sigma Phi.
HENRYSON, ROY K.; Ames, *Dairy Industry*—Dairy Industry 3,4; University of Utah.
HERMANN, DORIS A.; Wilton Junction, *Sociology*—Delta Sigma Rho 3,4; YWCA 2; WAA 4; Iowa State Debaters 1,2,3,4, secretary 3; Sociology Club 3,4; Science Womens Club 1,2,3,4; Campus 4-H Club 1,2,39,4; Cosmopolitan Club 4.
HERRING, ARDIS D.; Mechanicsville, *Mechanical Engineering*—Pi Tau Sigma 3,4; ASME 3,4; Engineers Carnival 4; Veishea 2,3,4.
HERTEL, ELSIE Z.; Ames, *Home Economics Education*—Home Economics Club 2,4; Ottowa University.
HESS, R. FRANK; Bagley, *General Engineering*—Phi Gamma Delta; G. E. Society 3,4; Engineers Carnival 3.
HEUSINKVELD, HENRY J.; Hull, *Electrical Engineering*—AIEE; Northwestern Junior Central College.
HIBBITTS, JOHN C.; Chicago, Ill., *Mechanical Engineering*—Delta Sigma Phi, vice-president; Illinois Institution of Technology.
HIBRAY, ARTHUR J.; Martin, S. D., *Animal Husbandry*—Block and Bridle 3,4; Westminster Foundation 3,4; Northern State Teachers College.
HICKMAN, FORREST F.; Rembrandt, *Poultry Husbandry*—Buena Vista College.
HIEDEMAN, DALE M. Sioux City, *Mathematics*—Purdue; DePauw University; Morningside College.
HIERONYMUS, SHARON F.; Western Springs, Ill., *Dietetics*—Home Economics Club 1; YWCA 1,2,3,4; Veishea 3.
HIGGINS, ROBERT F.; Sioux City, *Forestry*—Sigma Phi Epsilon; Forestry Club 2,3,4; Newman Club 2,3,4; Homecoming 2; Marquette University.
HILL, JOHN B.; Sioux City, *Civil Engineering*—Theta Chi; University of Arizona; University of Iowa; University of Dubuque.
HILLMAN, WAYNE C.; Dana, *Animal Husbandry*—Alpha Zeta 4; Block and Bridle Club 1,2,3,4; Veishea 3,4; Meat Judging Team.
HILLS, JAMES A.; Osage, *Forestry*—Forestry Club 1,2,3,4; Wrestling 1,2,3,4.
HILTS, HARRY E.; Salix, *Agricultural Education*—
HINES, PAUL O.; Mt. Pleasant, *Agricultural Education*—Agricultural Education Club.
HINKLY, M. AUDREY; Luverne, Minn., *Textiles and Clothing*—Kappa Kappa Gamma, treasurer 4; Omicron Nu 3,4; Home Economics Club 1,2,3,4; Band 2; Glee Club 4; Winona of State Teachers College.
HLAVKA, EUGENE J.; Ames, *Wildlife Management*—
HOCHSTETLER, VIRGIL E.; Kalona, *Civil Engineering*—Delta Sigma Phi, secretary, president; University of Iowa.
HODGSKISS, DOROTHY E.; Maywood, Ill., *Textiles and Clothing*—Kappa Delta; YWCA 1,2,3,4; Home Economics Club 1,2,3,4.
HOELSCHER, LOIS M.; Granite City, Ill., *Textiles and Clothing*—Alpha Delta Pi; YWCA 1,2,3,4; Home Economics Club 1,2,3,4; WAA 3; Veishea 4.
HOERSCH, DOROTHY A.; Bettendorf, *Institution Management*—Kappa Kappa Gamma; Home Economics Club 2,3; YWCA 2,3; Stephens College.
HODGES, JAMES C.; Jacksonville, Fla., *Animal Husbandry*—Alpha Gamma Rho; Block and Bridle 1,2,3,4; *Iowa State Daily* 2; *Agriculturist* 3; Meats Judging Team 3; Roger Williams Club 2,3,4; Little International 4; University of Florida.
HOFFMAN, HAROLD H.; Pittsburgh, Pa., *Electrical Engineering*—Concordia; Stevens Institute of Technology.
HOHENSHELL, R. MURIEL; Ames, *Institution Management*—Alpha Gamma Delta; Home Economics Club 1,2,3,4; YWCA 1,2,3,4; Newman Club 1,2,3,4; Twisters 1.
HOHL, MELVIN L.; Donnellson, *Agriculture*—Agronomy Club.
HOLDENER, IRWIN K.; St. Louis, Mo., *Ceramic Engineering*—Sigma Chi; AIChemE 1,2; American Ceramics Society 2,3,4; Keramos 3,4.
HOLETS, VERNON L.; Cedar Rapids, *Mechanical Engineering*—Sigma Chi; ASME 1,4; Scabbard and Blade 3,4; ROTC Rifle Team 1,3.
HOLLAND, CLYDE P.; Anita, *Civil Engineering*—North Dakota State; South Dakota State.
HOLLAND, EDWARD C.; Fort Dodge, *Civil Engineering*—YMCA; ASCE; Orchestra; WOI Radio Workshop.
HOLLINGSHEAD, MARJOIRY A.; Wilmette, Ill., *Experimental Cookery*—Home Economics Club 1,2,3,4; Orchestra 1; Concert Band 1,2,3,4; Twisters 2,3,4; Pep Council 4.
HOLLOWELL, JEAN S. Takoma Park, Md., *Home Management*—Delta Delta Delta; Home Economics Club 1,2,3,4; YWCA 1,2,3,4; 630 Club 3; WAA 2.
HOLMES, WAYNE A.; Lean, Ill., *Dairy Industry*—Washington University.
HOLMGREN, PAUL E.; Ankeny, *Industrial Economics*—ISSIE.
HOLMES, JAMES G.; Ames, *Chemical Technology*—Band 1,2,3.
HOLSOPPLE, ELIZABETH J.; South English, *Dietetics*—Festival Choir 2,3,4; McPherson College.
HOOD, LYLE D.; Creston, *Architectural Engineering*—
HOOVER, LLOUISE; Oskaloosa, *Home Economics Education*—Home Economics Club 2,3,4; YWCA 2,3,4; William Penn College.
HOOVER, M. EILEEN; Melrose, Mass., *Institution Management*—Newman Club 1,2; WAA 1,2; Home Economics Club 2,3,4.
HOPPE, DONALD A.; Cedar Falls, *Industrial Psychology*—Psi Chi 4; YMCA 3,4; University of Wyoming; University of Kansas; Michigan State; Clemson.
HOPPENRATH, RAYMOND E.; Brookfield, Ill., *Mechanical Engineering*—Delta Upsilon; ASME 3.
HORST, WILLIAM R.; Ames, *Mechanical Engineering*—ASME 4.
HOUSEMAN, CECIL E.; Muscatine, *Electrical Engineering*—Muscatine Junior College.
HOUSTON, JOHN W.; Mystic, *Electrical Engineering*—AIEE 1,2,3,4, president 4; Veishea 1,2,3,4; *Engineer* 3,4; Ward System 2.
HOWELL, PATRICIA A.; Waterloo, *Applied Art*—Delta Phi Delta 3,4; Home Economics Club 1,2,3; Glee Club 1; Chorus 1,2; Veishea 2,3; Writers Round Table 2.
HOWELL, THOMAS E.; Taylor, S. C., *Dairy Husbandry*—Dairy Husbandry Club 2,3,4; Wesley Foundation 2,3,4; Veishea 2; Clemson; St. Marys.
HUDSON, D. JEANNE; Knoxville, *Home Management*—Kappa Kappa Gamma, president 3; Home Economics Club 1,2,3,4; YWCA 1,2,3,4; Panhellenic Council 3; 4-H Club 1,2,3.
HUDSON, WARREN E.; Dougherty, *Industrial Engineering*—
HUEDEPOHL, E. BRADLEY; Williamsburg, *Geology*—Concordia, secretary 2; Geology Club 4; Social Bureau 3; Social Council 3,4; Bomb Beauty Ball 2; *Green Gander* 2; Ward System 2,3; Veishea 3; Intramurals 1,2,3,4; Gamma Delta 1,2,3,4.
HUGH, KENNETH E.; Delhi, *Geology*—MRA.
HUGHES, JAMES G.; Albany, N. Y., *Electrical Engineering*—AIEE-IRE; AVC; Delta Ward.
HUGHES, MARK V., JR.; Sioux City, *Industrial Economics*—ISSIE 4; Newman Club 1,2,3,4; Superior State Teachers College.
HUGHES, ROBERT F. Cedar Rapids, *Forestry*—Delta Sigma Phi; Lawrence College.
HUGHES, ROBERT O.; Waterloo, *Mechanical Engineering*—MRA 3,4; Intramurals 3,4; United World Federalists 3.
HUGHES, WILLIAM G.; Cedar Rapids, *Forestry*—Delta Sigma Phi; Coe College; University of Dubuque; Lawrence College.
HULL, E. ELAINE; Indianola, *Applied Art*—Kappa Phi 4, Freeman Hall, treasurer 4; Homecoming; Drake; Simpson.
HULSE, GENE W.; Mingo, *Agricultural Education*—Agricultural Education Club 2,3,4; Ward System 2,3.
HUMMEL, HARRY H.; JR.; Ames, *Mechanical Engineering*—ASME, treasurer 4; Pammel Court Council 4.
HUMMEL, WALTER L.; Davenport, *Chemistry*—Iowa Chemical Society 4; Phi Eta Sigma 3,4; Alpha Phi Omega 3,4.
HUMPHREY, LEWIS H.; Denison, *Chemical Engineering*—AIChemE 3,4.
HUMPHREY, SAMUEL D.; Clinton, *Dairy Industry*—Dairy Club 4, secretary.
HUNTER, WILLIAM R.; Iowa City, *Veterinary Medicine*—Farm-House; Scabbard and Blade 3,4; Alpha Zeta 3,4; Phi Zeta 3,4; Jr. AVMA 1,2,3,4; vice-president 3; Iowa State College Cossacks 1,2; Block and Bridle 1,2; Frisbie Fellowship 1,2,3,4; Inter Church Council 2,3; Little International; *Agriculturist* 2; Joint Social Council 2,3.
HURWICZ, HENRYK; Paris, France, *Mechanical Engineering*—Cosmopolitan Club 4; Warsaw Institute of Technology, Poland; University of Paris, France.
HUSTON, MARY L.; Early, *Home Economics Education*—Sigma Alpha Iota 3,4; Glee Club 1,3, president 4; YWCA 1,2,3,4; Home Economics Club 2,3,4; NISA 3; Veishea 1,2,3,4.
HUTCHINSON, JANE R.; Montezuma, *Bacteriology*—Science Women's Club 1,2,3,4; YWCA 1,2,3,4; Twisters 2.
HUTCHINSON, GORDON N.; New Hampton, *Physics*—Theta Xi; Pi Mu Epsilon 4; Veishea; Yearbook of 48; Interfraternity Council.

ILLEMAN, DONALD L.; Ames, *Industrial Economics*—Phi Delta Theta; ISSIE 3; Tennis 3; Millsaps College; Miami University.
ILGENFRITZ, JAMES E.; Ottumwa, *Civil Engineering*—Sigma Nu, secretary 2; ASCE 2,3,4; *Engineer* 1; *Bomb* 3.
INGLIS, STANLEY B.; River Forest, Ill., *Dairy Industry*—Alpha Tau Omega; Dairy Industry Club 2,3; 630 Club 3.
INMAN, ARTHUR E.; Centerville, *Civil Engineering*—*Engineer* 1; ASCE 1,2; South Dakota State College; Centerville Junior College.
IPSEN, LORENZ R.; Schleswig, *Forestry*—Forestry Club 1,2,4.

IVES, ROLLIN C.; Rolfe, *Mechanical Engineering*—Pi Tau Sigma 3,4; ASME 3,4; Oklahoma University.
IWERKS, MARVIN C.; Milbank, S. D., *Electrical Engineering*—AIEE-IRE 2,3,4; Ward System 2; Eta Kappa Nu 4; Whitworth College.

JACOBS, DUANE P.; Wheaton, Minn., *Veterinary Medicine*—FarmHouse; Junior AVMA 1,2,3,4; Intramurals 2,3,4; Gamma Delta 3,4.
JACOBS, GERTRUDE A.; Cedar Rapids, *Dietetics*—Home Economics Club 2,3,4; Iowa State Players 3,4; Newman Club 2,3,4; Mt. Mercy Junior College.
JACOBS, HAROLD D.; Rock Valley, *Mathematics*—
JACOBS, E. PAUL; Eldon, *Mechanical Engineering*—ASME 2; Pi Tau Sigma 2; Newman Club 3; St. Ambrose College.
JACOBSON, ROBERT J.; Ames, *Bacteriology*—Luther College.
JAEGER, WILLIAM J., JR.; Dyersville, *Architectural Engineering*—Theta Xi; AIEE 1,2; AIA 3,4; Baseball 2,3,4; Varsity "I" Club 3,4.
JAMES, CLAIRE L.; Thornton, *Electrical Engineering*—Tau Beta Pi 4; Phi Kappa Phi 4; Eta Kappa Nu 3,4, vice-president 4; Pi Mu Epsilon 3,4; Delta Sigma Theta 3,4; AIEE 2,3,4; Zeta Ward 2,3,4, president 4; Ward Program Council, president 3; Independent Students' Association 2,3,4; Veishea 3,4; Engineers Carnival 4; Wesley Foundation 2,3,4, council 3; Intramurals 2,3,4; University of Iowa; North Dakota Agricultural College.
JAMES, MARION L.; Elmhurst, Ill., *Sociology*—Alpha Delta Pi; Science Women's Club 3,4; YWCA 3,4; WAA 3; Sociology Club 4; Hastings College.
JANDA, ROBERT I.; Flint, Mich., *Mechanical Engineering*—ASME 3,4; Central Michigan College of Education.
JANSSEN, JOHN E.; Charles City, *Mechanical Engineering*—Pi Kappa Alpha, president 3, treasurer 2; Pi Tau Sigma 3,4; Interfraternity Council 3; *Engineer* 1; Engineers Carnival 4; ASME 3,4; Veishea 4.
JANSSEN, LEONARD F.; Ames, *Agricultural Engineering*—ASAE 2,3,4; Iowa State Teachers College.
JAY, HOWARD W.; State Center, *Agricultural Engineering*—
JEFFERS, WALTER G.; Primghar, *Electrical Engineering*—Theta Delta Chi; AIEE 2,3,4; Morningside College.
JEFFREY, GLEN E.; St. Louis, Mo., *Electrical Engineering*—AIEE; Roger Williams Club; Kansas University; Wyoming University; West Virginia University.
JENKINS, COLLEEN; Knoxville, *Experimental Cookery*—
JENSEN, CHARLES H.; Ames, *Poultry Husbandry*—Poultry Club; Poultry Judging Team 2.
JENSEN, ESTHER M.; Des Moines, *Applied Art*—LSA 2,3,4; Grand View College.
JENSEN, HARVEY M.; Harlan, *Electrical Engineering*—AIEE 3,4.
JENSEN, JENS C.; Pierre, S. D., *Forestry*—Forestry Club 1,2,3,4; Intramurals 1,2,3,4; Dakota Wesleyan University.
JENSEN, LLOYD E.; Council Bluffs, *Electrical Engineering*—
JENSON,GALE F.; Lincoln, Nebr., *Mechanical Engineering*—Indiana Technical College.
JERGENSEN, JAMES R.; LuVerne, *Chemical Engineering*—University of Odaho.
JESSE, WILLIAM A.; Grand Rapids, Minn., *General Engineering*—
JESSEN, ELLIS J.; McTawan, Minn., *Civil Engineering*—Phi Kappa; Basketball 2,3; Football 3,4; University of Nebraska.
JOBES, ROBERT E.; Melvin, *Civil Engineering*—University of Nebraska; Michigan State College.
JOHANNES, DONALD I.; Montezuma, *Agronomy*—ASA 2,3,4.
JOHANNES, MARJORIE L.; Ida Grove, *Home Economics Education*—Home Economics Club 3,4; YWCA 1; Messiah Chorus.
JOHANSEN, RICHARD E.; Newell, *Dairy Industry*—Adelante; Dairy Industry Club 1,2,3,4.
JOHNSON, CECIL C.; Sioux City, *Chemical Engineering*—Alpha Chi Rho, president 3; AIChemE 4; Intramurals 2,3,4; University of Oklahoma,
JOHNSON, FLOYD O.; Des Moines, *Civil Engineering*—Theta Xi; Tau Lambda Rho 4; ASCE 2,3,4; Yel-Jax 2; Interfraternity Dance 2.
JOHNSON, GENE L.; Buffalo Center, *Agricultural Education*—Agricultural Education Club; University of Wisconsin; St. Ambrose College.
JOHNSON, HOWARD P.; Odebolt, *Agricultural Engineering*—ASAE 2,3,4, secretary 4; Roger Williams Club; Newark College of Engineering.
JOHNSON, KENNETH J.; Mason City, *General Engineering*—Mason City Junior College.
JOHNSON, LEO L.; Dysart, *Civil Engineering*—
JOHNSON, OSCAR T.; Cedar Falls, *General Engineering*—SSIME 3,4.
JOHNSON, RICHARD; Eagle Grove, *Electrical Engineering*—Alpha Chi Rho, treasurer 1,2; AIEE 4; Intramurals 1,2,3; Eagle Grove Junior College.
JOHNSON, ROBERT A.; Marengo, *Agricultural Engineering*—AIEE 2; ASAE 4; Ward System 1; Pammel Court Council 4.
JOHNSON, ROBERT H.; Wall Lake, *Electrical Engineering*—AIEE 2,3,4; Engineers Carnival 3.
JOHNSON, ROLAND R.; Marathon, *Industrial Economics*—ISSIE 3,4.
JOHNSON, STANLEY L.; Cedar Falls, *General Engineering*—Iowa State Teachers College.
JOHNSON, WALLACE E.; Northwood, *Animal Husbandry*—Luther College.
JOHNSON, WILLIAM A.; Duncombe, *Forestry*—Oregon State College.
JOHNSON, WILLIAM A.; Ames, *Genetics*—Iowa State Players 2,3,4; New York University.
JOHNSON, WILLIAM W.; Marshalltown, *Chemical Engineering*—Marshalltown Junior College.
JOHNSTON, JOAN; Ames, *Experimental Cookery*—Pi Beta Phi; Omicron Nu 4; Home Economics Club 1,2,3,4; Home Economics Council 4; YWCA 1,2; Veishea 2; Glee Club 1; Chorus 1.
JOHNSTON, MARIAN F.; Mason City, *Home Economics Education*—Gamma Phi Beta, president 4; Home Economics Club 2,3,4; WAA 2,3; YWCA 2,3,4; Panhellenic Council 3,4; Intercollegiate Debate 3,4; Mason City Junior College.
JOHNSTON, MARY; Douglas, Ariz., *Applied Art*—Chi Omega, secretary 3; Omicron Nu 4; Delta Phi Delta, president 4; *Bomb* 3; YWCA 1; Women's Panhellenic Dance 1.
JONES, CLINTON G.; Winterset, *Civil Engineering*—Iota Ward 1,2,3,4; ASCE 2,3,4; Veishea 3; Iowa State Debaters 3.
JONES, GAIL M.; Spencer, *Dairy Industry*—Phi Kappa Tau; Dairy Industry Club 3,4; Men's Glee Club 1,2; Iowa State Singers 4.
JONES, PATRICIA M.; Sioux City, *Textiles and Clothing*—Chi Omega; Home Economics Club 1,2,3,4; YWCA 1,2,3,4.
JONES, ROBERT C.; Des Moines, *General Engineering*—Sigma Chi, secretary 3; ASME 1; SSIME 3,4; Pontoniers 1,2; ROTC Rifle Team 2,3, vice-president 3; Freshman Pistol Team 1; Scabbard and Blade 3,4; 630 Club 3; Military Ball 4.
JONES, WILLIAM B.; East St. Louis, Ill., *Mechanical Engineering*—Central Missouri State College.
JONES, WINIFRED E.; Sutherland, *Bacteriology*—Welch Hall, vice-president 3; Science Women's Club 1,2,3,4; YWCA 1,2,3,4; Band 1,2,3; Twisters 2; Glee Club 4; Sigma Alpha Iota 2,3,4, treasurer 4; 630 Club 2; Veishea 2.
JORDAN, EDWIN N.; Des Moines, *General Engineering*—
JORDAN, WILLIAM R. JR.; Little Rock, Ark., *Forestry*—Forestry Club 2,3,4; Newman Club 2,3,4; Hendrix College.
JORGENSON, KENNETH P.; Des Moines, *Industrial Economics*—
JOSE, DWAYNE K.; Ames, *Industrial Economics*—Sigma Nu; ISSIE 3,4, Board of Directors 4; Radio Theatre Workshop 1,4; Theatre Workshop 1.
JURGENS, NORMAN C.; Des Moines, *Civil Engineering*—

KALAHAR, KENNETH E.; Mason City, *Industrial Education*—
KALDENBERG, HENRY J.; Ames, *Mechanical Engineering*—
KALTOFT, LAVERNE L.; Kimballton, *Architectural Engineering*—Delta Chi; AIA 1,2,3,4,5; Grand View College.
KAMM, MARION E.; Rudd, *Electrical Engineering*—AIEE 3,4.
KARABATOS, GUS J.; Omaha, Nebr., *General Engineering*—Omaha University; Creighton University.
KAUFMAN, JOHN D.; Adel, *Agricultural Education*—Agricultural Education Club 1,2,3,4; Intramurals.
KEETON, MARTHA J.; Albia, *Home Economics Education*—Mixed Chorus.
KEHRBERG, EARL W.; Ames, *Agricultural Education*—Agricultural Education Club; Iowa State Players; St. Cloud Teachers College.
KELLEHER, JOAN M.; Winterset, *Home Management*—Pi Beta Phi; YWCA 2; Home Economics Club 2,3; *Green Gander* 2; *Iowa State Daily* 2,3; *Homemaker* 2,4; College of St. Terresa.
KELLER, FRANK J.; Davenport, *Aricultural Engineering*—ASAE 3,4; Intramurals 1,2,3,4.
KELLOGG, NEIL D.; Ames, *General Engineering*—
KELLOGG, WALLACE H.; New London, Wis., *Dairy Industry*—Band 1,2,3,4; *Agriculturist* 2; Dairy Industry Club 1,2,3,4.
KEMP, JAMES G. JR.; Cedar Rapids, *Electrical Engineering*—Eta Kappa Nu 3,4; AIEE 3,4.
KEMP, JOHN P.; Oskaloosa, *Electrical Engineering*—
KENNEDY, CHARLES J.; Clear Lake, *Agricultural Engineering*—Phi Kappa Psi, treasurer 3; ASAE 4; Carleton College.
KENYON, JEAN A.; Yankton, S. D., *Textiles and Clothing*—Home Economics Club 1,2,3,4; YWCA 1,2,3,4; Westminster Fellowship 3,4; Marching Band 1; Red Cross 2,4; Iowa State Players 2,3,4, secretary 4; Veishea 3.
KERN, RICHARD P.; Norwalk, *Psychology*—Alpha Tau Omega.
KESHLEAR, CHARLES W.; Leon, *General Engineering*—Debate 1,3,4; G. E. Society 3,4; William Penn College.
KESSLER, KENNETH W.; Ames, *Industrial Education*—Industrial Education Club.
KESTER, LLOYD T.; Ames, *Dairy Industry*—Basketball, 1,2,3,4; Football 1; Baseball 1; Dairy Industry Club 1,2,3,4; Varisity "I" Club 2,3,4.
KETCHAM, KEITH K.; Osceola, *Electrical Engineering*—AIEE 2; Oklahoma Agriculture College.
KETELSEN, HERBERT J.; Omaha, Nebr., *Civil Engineering*—Omaha University.

KIDDER, DOROTHY A.; Epworth, *Economics*—Science Women's Club 3,4; University of Dubuque.

KILPATRICK, WARREN J.; Mediapolis, *Veterinary Medicine*—YMCA 1,2,3,4, president 4; *Veterinary Student* 2,3,4; Alumni Hall, president 2; Independent Party Council 3, vice-president 3; Marching Band 1,2,3; Concert Band 1,2; Northwestern University.

KILTY, M. JOAN; Stillwater, Minn., *Institution Management*—Delta Delta Delta; Home Economics Club 1,2,3,4; Newman Club 1,2,3,4; Veishea 1,2; Red Cross Publications Board 3,4; Student Properties Board 3.

KIMMEL, GLENN W.; Sanborn, *Electrical Engineering*—AIEE 3,4; West Pammel Court, Mayor 4; University of Iowa; Sheldon Junior College.

KINDGREN, BRUCE A.; Sioux City, *Mechanical Engineering*—ASME 3,4; Ward System 1,2; Concordia Club; University of West Virginia.

KING, ARCHIE L.; Muscatine, *Electrical Engineering*—Vanderbilt University.

KING, PAUL F.; Muscatine, *Electrical Engineering*—

KING, VIRGINIA L.; Algona, *Zoology*—Science Women's Club 1,2,3,4; Iowa State Debaters 3,4; Band 1.

KING, STANLEY; St. Paul, Minn., *Veterinary Medicine*—Sigma Phi Epsilon; AVMA 1,2,3,4, president; Veterinary Medicine Council; Veterinary Ball; Scabbard and Blade 2,3,4, First Lieutenant 3, Captain 4; *Veterinary Student;* Phi Zeta; Veishea 1,2,3,4; University of Minnesota.

KIRCHNER, JUANA M.; Fort Dodge, *Dietetics*—Pi Beta Phi; YWCA 2; Phi Upsilon 1; Home Economics Club 1; Veishea 2; WAA 1,2; Milwaukee-Downer College.
2,3,4; Intramurals 3,4.

KITTLESON, EUGENE M.; Mason City, *Mechanical Engineering*—ASME.

KLEINSCHMIDT, JAMES W.; Sigourney, *Chemical Engineering*—AIChemE 4.

KLUND, DORIS E.; Bluff City, Tenn., *Home Management*—Home Economics Club 3; Archesis; Washington State College.

KNAPP, GLEN A.; Laurens, *Agricultural Education*—Theta Xi; Agricultural Education Club; 630 Club 1,2,3,4, president; King of Sports Dance.

KNOP, CARL O.; Griswold, *Civil Engineering*—Football 1,2,3; Varsity "I" Club 2,3,4, treasurer 4; ASCE 4.

KNOTT, MILDRED E.; Newton, *Chemistry*—Sigma Kappa, treasurer 2,3,4; Iota Sigma Pi; Festival Chorus 1; 630 Club 2,3,4; Twisters 2,3,4; Science Women's Club 1,2,3,4; Iowa State Chemical Society 3,4; *Scientist* 4.

KNUDSON, BENJAMIN F.; Ames, *Industrial Economics*—ISSIE 3,4.

KNUTSON, NORMA L.; Northwood, *Home Economics Education*—Omicron Nu, secretary 4; Home Economics Club 1,2,3,4; YWCA 1, 2; Lutheran Student Association 1,2,3,4, council 2, secretary 3; Campus 4-H Club 1,2,3.

KOCH, BERL A.; Grimes, *Animal Husbandry*—Block and Bridle 1,2,3.

KOCH, VERNE C.; Manning, *General Engineering*—Phi Delta Theta, presdient 4; Tau Beta Pi, secretary 3; Veishea 2,3,4; Football 1,2; Track 1,2; Engineering Council 3; Interfraternity Council 1,4; G. E. Society 3,4; Engineers Carnival 4; Engineer's Ball 3; Bomb Beauty Ball.

KOELE, EARL M.; Hull, *Dairy Industry*—Dairy Industry Club; Intramurals; Northwestern Junior College.

KOELE, JUANITA H.; Batavia, *Dietetics*—YWCA; Home Economics Club; 4-H Club; Parsons College.

KOHRT, FORREST J.; Rock Rapids, *Animal Husbandry*—Block and Bridle Club 4.

KONGABIE, L. STERLING; Winfield, *Electrical Engineering*—AIEE-IRE 4; Ward System 1,2,3,4; Winter Sports Club 2; 630 Club 4; Parsons College.

KOORS, KATHERINE E.; Duluth, Minn., *Institution Management*—Delta Zeta; Home Economics Club 1,2,3,4; YWCA 1,2,3,4; WAA 2,3; Newman Club 1,2,3,4.

KOPPIN, MYRON K.; Detroit, Mich., *Mechanical Engineering*—ASME 4; Band 1; Glee Club 1; Wayne University; Western Michigan College.

KORNEISEL, BARBARA J.; Britt, *Physics*—Science Women's Club 1,2,3,4; Concert Band 3,4; Veishea 3.

KORTEMEYER, RICHARD C.; Waterloo, *Electrical Engineering*—Iowa State Teachers College; Oregon State College.

KORSLUND, JEANNETTE M.; Eagle Grove, *Experimental Cookery*—YWCA 1,2,3,4; Home Economics Club 1,2,3; Campus 4-H Club 1,2,3,4; Veishea 1,2,3.

KOSTER, FLOYD F.; Ames, *Agronomy*—

KOVARIK, JOE R.; Ord, Nebr., *General Engineering*—G. E. Society, treasurer 4; *Engineer* 3,4; Veishea 3,4.

KRATOSKA, JAMES J.; Carroll, *General Engineering*—SSIME; G. E. Society 3,4; Newman Club 1,2,3,4.

KRAUSE, CHARLES A.; Wahpeton, N. D., *Electrical Engineering*—AIEE 2,3,4; Ward System 3,4; Eta Kappa Nu 3,4; Rutgers University; South Dakota State College.

KRAUSKOPF, WILLIAM B.; Canton, Ohio, *Industrial Economics*—Kappa Sigma, treasurer 3, president 4; ISSIE 2,3; Glee Club 1.

KRESS, JAMES H.; Waterloo, *Mechanical Engineering*—Track 3,4; University of Kansas.

KRIEGER, MARVIN J.; Muscatine, *Industrial Economics*—Sigma Chi; ISSIE 4; Veishea 3; Wintermezzo 4; University of Colorado; Muscatine Junior College.

KROESEN L. DALE; Ames, *Journalism*—Sigma Delta Chi 3,4; *Green Gander* 3,4.

KUPKA, WILLIAM D.; Coon Rapids, *Mechanical Engineering*—Glee Club 1,2; ASME 4; Ward System 1,2,3; Newman Club 1,2,3,4.

KUKAR, ROSEMARY A.; Eveleth, Minn., *Textiles and Clothing*—Home Economics Club 1,2,3,4; Newman Club 1,2,3,4; YWCA 1,2,3; WAA 2,3.

LAFEBER, THEODORE J.; Chicago, Ill., *Veterinary Medicine*—Phi Kappa, vice-president; AVMA; Newman Club; St. Mary's College.

LAGE, WESLEY G.; Manning, *Agricultural Economics*—Concordia, president 3; Theta Ward, president 2,3; Ward System, vice-president 3.

LAKE, JOHN A.; Athens, Ill., *General Engineering*—

LA MAR, FRANK W.; Kansas City, Kan., *Mechanical Engineering*—ASME 3,4; Pi Tau Sigma 3,4, Veishea.

LA MAR, LAWRENCE E.; Kansas City, Kan., *Chemistry*—Phi Lambda Upsilon 3,4; American Chemical Society 2,3,4; Hutt Business College.

LAMB, MARGARET E.; Beloit, Wis., *Textiles and Clothing*—Kappa Delta; Iowa State Players.

LAMB, ROBERT H.; Boone, *Chemical Engineering*—Sigma Phi Epsilon; Tau Beta Pi 3,; AIChemE 2,3,4; Marching Band 1; *Green Gander* 2; Engineers Ball 3,4; Veishea 3; Homecoming 4.

LANDIS, ROYAL R.; Monticello, *Industrial Engineering*—G. E. Society; Polytechnic Institute of Brooklyn.

LANE, BRUCE C.; Cedar Rapids, *Mechanical Engineering*—Theta Chi; Phi Eta Sigma; ASME; Newman Club.

LANGE, PAUL M. JR.; Omaha, Nebr., *Electrical Engineering*—AIEE 2,3,4; Intramurals 3,4; Veishea 3; Omaha University.

LANIER, WILLIAM D.; Celeste, Texas, *Mechanical Engineering*—ASME 3,4.

LANKELMA, IONE; Pella, *Home Economics*—

LANSING, LILA M.; Kellogg, *Home Economics Education*—Alpha Gamma Delta; Home Economics Club 3,4; Winter Sports Carnival 4; Intramurals Board 2,4; IFTA Council 4; WAA 3,4; Festival Chorus 3; Bethany Group 1,2,3,4; Intramurals, 1,2,3,4.

LARSEN, EINAR A.; Ames, *Industrial Economics*—Delta Upsilon, secretary 3, president 4; ISSIE 4.

LARSEN, EUNICE; Klemme, *Institution Management*—Alpha Gamma Delta, president 4; Home Economics Club 4; Social Bureau 4; Panhellenic, secretary, treasurer 4; University of Iowa.

LARSEN, KENNETH H.; Spencer, *Chemical Engineering*—Delta Chi; Interfraternity Pledge Council 3; Ward 1,2.

LARSEN, LUDVIK I.; Maywood, Ill., *Industrial Education*—Industrial Education Club.

LARSON, BEATRICE M.; Mason City, *Sociology*—Science Women's Club 4; Sociology Club 4; Mason City Junior College.

LARSON, BERT M.; Coral Gables, Fla., *Animal Husbandry*—University of Tennessee.

LARSON, CLARENCE H.; Northwood, *Civil Engineering*—

LARSON, DALE O.; Aurelia, *Mechanical Engineering*—

LARSON, DOLORES A.; Moline, Ill., *Mathematics*—Kappa Delta; Pi Mu Epsilon 4; YWCA 3,4; *Scientist* 4; Science Women's Club 3,4; North Park Junior College.

LARSON, EDGAR W.; Argusville, N. D., *Bacteriology*—

LARSON, HARRY C.; Jewell, *Mechanical Engineering*—

LARSON, NORMAN R.; Des Moines, *Industrial Education*—Industrial Education Club; Veishea 2,3.

LARSON, ROBERT K.; Ames, *Zoology*—Phi Delta Theta; St. Ambrose; Illinois State Normal University.

LARSON, VIRGINIA R.; Ames, *Home Economics Education*—Sigma Kappa; Tau Gamma 1; Home Economics Club 1,2,3,4; YWCA 1,2,3,4; Lutheran Student Association.

LARUE, BEVERLEY J.; Des Moines, *Zoology*—Kappa Delta; Science Women's Club 1,2,3,4; 630 Club 3,4.

LARY, DALE S.; Marion, *Mathematics*—Pi Mu Epsilon 3,4; Baseball 3,4; Intramurals 4; Oregon State College; North Dakota State College.

LATTNER, JOAN; Cedar Rapids, *Applied Art*—

LAUGER, JOHN E.; Mt. Pleasant, *Agricultural Economics*—Agricultural Economics Club 1,2,3,4, vice-president 4; Iowa State Debaters 2,3,4; *Iowa State Daily* 3; *Agriculturist.*

LAURICK, EDWARD H.; Brookfield, Ill., *Dairy Husbandry*—Dairy Husbandry Club 4; Lyons Township Junior College.

LAWRENCE, HOWARD W.; Doon, *History-Government*—Iowa State Singers 4; Men's Glee Club 4; Iowa State Teacher's College; Central Washington College.

LAWSON, KENNETH D.; Fairfield, *Mechanical Engineering*—ASME 3,4; Veishea 3,4.

LAYMAN, ROY W.; Ames, *Landscape Architecture*—SSLA.

LE BUHN, PAUL E.; Davenport, *Economics*—Kappa Sigma; ISSIE 3,4; Winter Sports Club 3,4; Westminster.

LEE, BO OCK; Wahiawa, Oahu, T. H.; *Dietetics*—Home Economics Council; Home Economics Club 1,2,3,4; YWCA; Cosmopolitan Club 2,3,4.

LEGG, JOE E.; Hudson, *Animal Husbandry*—Pi Kappa Phi, treasurer 4; Block and Bridle Club 3,4; Campus 4-H Club 2,3,4; Livestock Judging Squad 4; Marching Band 1.

LEIKVOLD, CARSTEN D.; Decorah, *Civil Engineering*—ASCE 2,3,4; Luther College.

LEMAN, CHARLES F.; Roanoke, Ill., *Landscape Architecture*—Tau Sigma Delta, vice-president; Agricultral Council 2; Apple Polishers Ball 3; Xavier University.

LEMONDS, LEO L.; Norway, *Veterinary Medicine*—Alpha Phi Omega 2,3,4; YMCA; AVMA 1,2,3,4.

LENNON, DAVID C.; Morrison, Ill., *Mechanical Engineering*—Delta Sigma Phi.

LEPLEY, KENNETH C.; Gifford, *Animal Husbandry*—

LEUCHT, WARREN L.; Philadelphia, Pa., *Chemical Engineering*—Alpha Chi Sigma; Roger Williams Club; AIChemE; New York University.

LEVERETT, JAMES R. JR.; Des Moines, *Chemical Engineering*—Phi Kappa Psi; Alpha Chi Sigma 3,4, treasurer 4; AIChemE 2,3,4.

LEVINE, IRVIN D.; Sioux City, *General Engineering*—ASIME 3,4; Ward System 1,2,3,4.

LILLIG, FLOYD A.; Central City, *General Engineering*—Delta Sigma Phi, secretary 3,4; G. E. Society 3,4; Intramurals 2,3,4.

LINCOLN, WILLIAM P.; Dysart, *Electrical Engineering*—Alpha Chi Rho; Intramurals 1,2; Ward System 1,2.

LINDAHL, HERBERT S.; Vinton, *Mechanical Engineering*—ASME 4; Track; YMCA.

LINDAMAN, M. JEAN; Ackley, *Dietetics*—YWCA cabinet; Marching Band; Iowa State Players; Oak Hall, treasurer.

LINDQUIST, IRENE R.; Ames, *Zoology*—University of Iowa.

LINGE, LUCILLE O.; Baltic, S. D., *Household Equipment*—Home Economics Club 2,3,4; YWCA 2,3,4; Omicron Nu 2,3; General Beatle Teachers College.

LIVINGSTON, BURNETT R.; Newton, *General Engineering*—

LIPPKE, FRANCES H.; Sioux City, *Home Economics Education*—

LLOYD, W. EUGENE; Ames, *Veterinary Medicine*—FarmHouse; AVMA 1,2,3,4; Veterinary Dance 3; Northwestern University.

LOCKE, ROBERT L.; Gilmore City, *Agronomy*—Agronomy Club; Veishea; Cornell College; Baylor University.

LOCKRIDGE, MARGARET L.; Russell, *Institution Management*—Home Economics Club 1,2,3; YWCA 3,4; Women's Glee Club 3,4; "Girl Crazy" 3.

LOOMIS, ROBERT S.; Ames, *Physics*—Tau Kappa Epsilon, vice-president 4; Pi Mu Epsilon 3,4; Swimming 1,2; Pershing Rifles 2,3,4.

LOONAN, RICHARD R.; Hudson, *Animal Husbandry*—Phi Delta Theta; Block and Bridle 1,2,3,4; Veishea 2,3,4; Wrestling 2,3.

LORENZ, CHARLES M.; Sharon Springs, N. Y., *Industrial Economics*—

LORENZEN, FRANCIS D.; Bowling Green, Ohio, *Agricultural Education*—Agricultural Education Club 1,2,3,4.

LORENZEN, RODNEY J.; Moneta, *Animal Husbandry*—Block and Bridle.

LOVE, GERALD D.; Albia, *Civil Engineering*—Pi Kappa Phi; ASCE 3,4; Scabbard and Blade 3,4; Joint Social Council 3,4.

LOVESTEAD, HOWARD S.; Ames, *Forestry*—Forestry Club 1,2,3,4; Agricultural Council 2,3; Ward System 1,2.

LUDEKE, LYLE E.; Britt, *Forestry*—

LUEDER, MARY R.; Omaha, Nebr., *Applied Art*—Gamma Phi Beta, vice-president 3; Delta Phi Delta, secretary 3; Homecoming 4.

LUHNOW, JEANETTE E.; Kansas City, Mo., *Textiles and Clothing*—Kappa Kappa Gamma; Home Economics Club 2,3,4; YWCA 2,3,4; WAA, Intramurals Board 2,3; Homecoming 3; Kansas City Junior College.

LUND, FREDERICK CHRISTIAN T.; Bergen, Norway, *Industrial Economics*—Cosmopolitan Club 2,3,4; University of Bergen.

LUND, JEAN M.; Evanston, Ill., *Technical Journalism*—Delta Zeta; Social Bureau 3; Home Economics Ball 3; Freshman Mixer 3; Fun Night 2; *Homemaker* 4; *Iowa State Daily* 1,2,3,4; Veishea 3; Gamma Delta 2,4; Radio Workshop 3 Social Council 4; Mixed Chorus 2.

LUNSTRUM, OSCAR A.; Lanyon, *Agricultural Engineering*—ASAE 4; LSA 1,2,3,4.

LUSTIG, PETER; Ames, *Veterinary Medicine*—Jr. AVMA; William Penn College.

LUX, ROBERT K.; Hopkinton, *Poultry Husbandry*—Alpha Gamma Rho; Alpha Zeta; Agricultural Council 3,4, treasurer 4; Harvest Ball 3,4; Poultry Club 1,2,3,4.

LYDDON, RICHARD E.; Clearfield, *Industrial Education*—Agricultural Education Club 1; Industrial Education Club 2,3,4; Veishea 2,3,4.

LYLE, HENRY R.; Pasadena, Texas, *Animal Husbandry*—University of Georgia.

LYNN, ROBERT R.; Oskaloosa, *Poultry Husbandry*—Poultry Club 3,4, president 4; Poultry Show Chairman 4; Veishea; Central College.

LYON, LEE H.; Anthon, *Electrical Engineering*—

LYON, ROBERT A.; Denison, *Dairy Industry*—Dairy Industry Club 4.

McANDREWS, PHILIP J.; Ames, *Forestry*—Forestry Club 2,3,4; *Ames Forester* 3; Intramurals 1,2,3,4; Newman Club 1,2,3,4.

McBRIDE, CLIFFORD H.; Hampton, *Chemical Technology*—Alpha Chi Sigma 2,3,4, treasurer 4; Phi Lambda Upsilon 4; Iowa Chemical Society, vice-president 4; *Iowa State Daily* Publication Board 4.

McBRIDE, WILLIAM L.; Ottumwa, *Aeronautical Engineering*—

McCANNON, BEN G.; Sugar Grove, Ill, *Electrical Engineering*—Tau Kappa Epsilon; Eta Kappa Nu; Tau Beta Pi; Interfraternity Council 4; Veishea 4.

McCARTHY, CHARLES E. JR.; Omaha, Nebr., *Electrical Engineering*—

McCLURE, FRANKLIN E.; Colfax, *Geology*—Geology Club 2,3,4.

McCLURE, WAYNE H.; Waverly, *Architectural Engineering*—Iowa State Teachers College.

McCORMACK, ROBERT J.; Cherokee, *Animal Husbandry*—Ward System 1,2; Block and Bridle 4; University of Iowa.

McCORMICK, PATRICK M.; Webster City, *Animal Husbandry*—Block and Bridle Club; St. Ambrose College.

McCRACKEN, LYDE S.; Randolph, *General Engineering*—Sigma Alpha Epsilon; *Engineer* 1.

McDODE, ELMER F.; New London, *Forestry*—Forestry Club 3,4; Marching and Concert Band; Football 1,2.

McDONALD, QUENTIN F.; Lorimor, *Veterinary Medicine*—AVMA 1,2,3,4; *Iowa State Daily* Publications Board 3,4.

McDONNELL, MARY A.; Perry, *Dietetics*—Pi Beta Phi; Phi Upsilon Omicron; Iowa State Players; WAA; YWCA; Home Economics Club; St. Mary's College.

McELHERNE, THOMAS E.; Ames, *Chemical Engineering*—AIChemE 3,4; Ward System 1,2,3,4.

McELHINNEY, JOHN F.; Ames, *General Engineering*—Beta Theta Pi; Sigma Delta Chi 3,4; Knights of St. Patrick 4; Cardinal Key 3, president 4; Engineering 4; Journalism "I" 3,4; *Engineer* "I" 3; *Iowa State Daily; Engineer; Green Gander;* Veishea; Homecoming; Engineers Ball; Engineering Council 4; *Iowa State Daily* Publications Board 3,4.

McFARLAND, JAMES E.; Oak Park, Ill., *Electrical Engineering*—Sigma Chi; Camera Club 2,3,4. *Bomb;* AIEE 2,3,4; Homecoming 4; Hanover College; Texas A. & M.; University of Tennessee.

McFERSON, ROBERT T.; Revere, Mo., *Agronomy*—Phi Kappa Psi; Burlington Junior College.

McGEHEE, EUGENE H. JR.; Germantown, Tenn., *Landscape Architecture*—Sigma Alpha Epsilon; SSLA, vice-president 3, president 4; Southwestern College; University of Tennessee.

McGRATH, LAURENCE R.; Ames, *Agricultural Engineering*—Phi Gamma Delta; ACAE 2,3,4.

McGRATH, THOMAS J.; Chicago, Ill., *Forestry*—Pammel Court Council; Newman Club 2,3,4; Forestry Club 3.

McILVAIN, RAYMOND W.; Boone, *Architectural Engineering*—AIA 2,3,4, secretary 2 .

McGRAW, GEORGE P.; Downers Grove, Ill., *Aeronautical Engineering*—Delta Sigma Phi; Phi Mu Alpha; Band 1,2,3; Orchestra 1,2; Veishea 2,3; Engineers Carnival 3,4.

McINTOSH, JOHN T.; Lineville, *Agricultural Education*—

McKEAN, FERGUS R.; Clarence, Idaho, *Electrical Engineering*—Lenoz Junior College.

McKEE, JOHN W.; Muscatine, *Physics*—Sigma Chi; Pi Mu Epsilon 3,4; Veishea 3,4; Football 1.

McKEE, PATRICIA G.; Ames, *Home Management*—Delta Delta Delta; WAA 1,2,3; Intramural Board 3; WAA Council 3,4; Home Economics Club; YWCA.

McKEE, ROBERT D.; Carlisle, *Science*—

McKEE, WILLIAM J.; Darby, Pa.; *Dairy Industry*—Dairy Industry Club 4; Dairy Industry Alumni Book 4.

McKIG, JANET M.; Davenport, *Home Management*—Alpha Gamma Delta; YWCA 1,2,4; Home Economics Club 1,2,4; Iowa State Concert Band 1,2,3; Iowa State Symphony Orchestra 2.

McLAUGHLIN, EDWARD C.; Sioux City, *Mechanical Engineering*—ASME 3,4; Veishea 3; Engineers Carnival 4; Nebraska State Teachers College.

McLEOD, AMBER F.; Riverton, Wyo., *Textiles and Clothing*—Twisters 2,3,4; WAA 3,4.

McSWEENEY, JOHN L.; Randalia, *Zoology*—North Dakota State Teachers College.

McTIERNAN, JAMES W.; Oklahoma City, Okla., *General Engineering*—Intramurals 3,4; Swimming 1,2; Troupers 1; Radio 2; *Iowa State Daily* 1,2; Oklahoma University, Kentucky University.

MACAULEY, CHARLES M.; Puente, California, *Civil Engineering*—University of Notre Dame.

MACCHIETTO, CHARLES F.; Omaha, Nebr., *Mechanical Engineering*—ASME 3.

MACFARLANE, WILLIAM R.; Sioux City, *Industrial Economics*—Sigma Nu, president; ISSIE 1,2,3,4, secretary.

MACKEY, JACK; Lawrence, N. Y.; *General Engineering*—Beta Theta Pi, president 3,4; Cardinal Guild 3,4; Tau Beta Pi 3,4; Phi Mu Alpha 3,4; G. E. Society, president 3, treasurer 2; Marching Band 1,2,3; Concert Band 1,2,3,4; Interfraternity Council 3,4; Harmony Ball 4.

MACKIE, DONALD W.; Des Moines, *Electrical Engineering*—Phi Delta Theta.

MACKLAND, EDNA M.; Crescent, *Home Management*—Sigma Kappa; YWCA 1,2,3,4; *Iowa State Daily* 2; *Green Gander* 3,4; *Sketch* 3; 4-H Club 3,4; Young Republican League 4.

MADDOCK, HELEN M.; Chicago, Ill., *Animal Husbandry*—Lyon Hall, president 4; WAA 1,2,3,4; WAA Council 3, president 4; "I" Fraternity 4; Block and Bridle Club 1,2,3; Veishea 3.

MAEHR, EDWIN G.; Davenport, *Aeronautical Engineering*—Sigma Nu; Veishea 2; IAeS, president 4.

MAGILL, ROBERT C.; Farmington, Mo., *Dairy Industry*—Varsity Track 1,2,3,4; Dairy Industry Club 2,3,4.

MAIFELD, DARREL L.; Waverly, *Rural Sociology*—Interfaith Council, president; YWCA, Cabinet 1,2,3,4.

MAJOROWICZ, GLENN A.; Rolfe, *Electrical Engineering*—AIEE 3,4; Westmar College.

MALEY, WAYNE A.; Stanley, *Agricultural Engineering*—ASAE 2,3,4, vice-president 3; Concert Band 2,3,4; Glee Club 4; Homecoming 4; Wesley Foundation 2,3,4; University of Dubuque.

MALLORY, REX D.; Des Moines, *General Engineering*—Texas A & M 1,2.

MANEY, THOMAS J. JR.; Ames, *Industrial Economics*—Phi Delta Theta; *Bomb* 3; Varsity "I" Carnival 2,3,4; Homecoming 1; Journalism "I" 2,3; *Iowa State Daily* 1; Prep-Soph Ball 1.

MANGIAMELI, ELIO F.; Omaha, Nebr., *Mechanical Engineering*—Phi Kappa.

MANION, MELVIN M.; Ames, *Civil Engineering*—ASCE 1,2,3,4.

MANN, JEANNE M.; Centerville, *Household Equipment*—Kappa Delta, treasurer; Mortar Board 4; Phi Upsilon 3,4; Omicron Nu, president 3,4; Cardinal Guild 2,3; Home Economics Club, treasurer 3,4; YWCA 1,2,3,4.

MANNING, THOMAS E.; Mason City, *General Engineering*—Mason City Junior College; John Hopkins.

MANNY, EVELYN L.; Grimes, *Zoology*—Alpha Delta Pi; YWCA; Home Economics Club; Science Club; Science Dance; Choir.

MART, HAROLD B.; Pocahontas, *Agricultural Education*—

MARTENS, CLARENCE C.; Brule, Nebr., *Industrial Education*—Theta Xi; Rho Ward 1, Industrial Education Club 3,4.

MARTENS, JOHN H.; Durant, *Physics*—Alpha Chi Rho.

MARTIN, CAROLYN E.; Jefferson, *Home Economics Education*—Home Economics Club 1,2,3,4; Twisters 2,3,4; YWCA 1,2; 4-H Club, Intramurals.

MARTIN, MARIAN L.; Renwick, *Home Economics Education*—Home Economics Club 3,4; Roger Williams Club 1,2,3,4; 4-H Club 1,2,3,4.

MARTIN, ROBERT L.; Ft. Dodge, *Electrical Engineering*—AIEE 3,4; Ft. Dodge Junior College; Illinois Institute of Technology.

MARTIN, WILBUR J.; Sutherland, *Electrical Engineering*—AIEE 3,4; Veishea 3,4; Creighton University.

MARTIN, WILLIAM L.; Ottumwa, *Architecture*—AIA 2,3,4,5; Tau Sigma Delta.

MARTINSON, FREDERICK W.; Des Moines, *Electrical Engineering*—Scabbard and Blade 4.

MARZ, LOUIS R.; Homestead, *Mechanical Engineering*—ASME 3,4; Pi Tau Sigma 3,4; Coe College; Virginia Military Institute 2.

MASON, F. FOSTER; Alden, *Industrial Economics*—Adelante.

MATHERS, JOHN T.; Haskins, *Farm Operations*—Alpha Chi Rho, president 3; secretary; Veishea 3; Marching and Concert Band.

MATHESON, ALEX D. JR.; Davenport, *Mechanical Engineering*—Beta Theta Pi; ASME 1,2,3,4; Homecoming 2; *Iowa State Daily* 2.

MATHEWS, RUTH E.; Mt. Pleasant, *Experimental Cookery*—Home Economics Club 1,2,3,4; YWCA 1,2,3,4; Kappa Phi 1,2,3,4; Wesley Foundation Council 3; Iowa Wesleyan College.

MATHRE, SEWELL J.; Lodi, Wis., *Architecture*—AIA 2,3,4,5; Men's Glee Club 3; Vesper Choir 3; Veishea 2,3; Engineering Council 3; Waldorf Junior College.

MAUPIN, DALE V.; Rockford, *Agricultural Education*—Agricultural Education Club 2,3,4.

MAXWELL, EARL E.; Galesburg, Ill., *Veterinary Medicine*—Beta Theta Pi, president 2; Jr. AVMA 2,3,4; YMCA 1; Cardinal Guild 2; Butler University.

MAY, MARTHA B.; Paton, *Home Economics Education*—Home Economics Club 1,2,3,4; YWCA 2,3; Veishea 4.

MAYER, ABBOTT F.; Mt. Union; *Electrical Engineering*—AIEE 3,4.

MAYNARD, BILL.; Shellsburg, *Farm Operation*—Alpha Gamma Rho; Agronomy Club; Farm Operations Club.

MAYOTTE, JACK P.; Maywood, Ill., *Industrial Economics*—ISSIE 3,4; Psi Chi 4; Gustavus Adolphus; Colorado University; DePaul University.

MEEWES, EDWARD A.; Davenport, *Mechanical Engineering*—ASME 2,3,4.

MELHOP, NORMAN T.; Storm Lake, *Electrical Engineering*—AIEE 4; Buena Vist College; Pasadena Junior College.

MELLEM, ROBERT G.; Northwood, *Industrial Education*—Industrial Education Club; Veishea 1,2,3; *Bomb* 1; National Independent Student Council 4; Camera Club 3; Michigan State College.

MENARY, THOMAS G.; Cedar Rapids, *Mechanical Engineering*—ASME 2,3,4; Lincoln House, secretary-treasurer 4; Veishea 3,4.

MENNE, MARY S.; Webster Groves, Mo.; *Technical Journalism*—Gamma Phi Beta; Theta Sigma Phi 3,4; Technical Journalism Club 2,3, president 4; *Iowa State Daily* 3,4; *Green Gander* Publication Board 4; Freshman Handbook, editor 3; Home Economics Council 3,4.

MERCER, REBA R.; Rock Port, Mo., *Dietetics*—YWCA 2,3,4; WAA 2; Home Economics Club 2,3,4; Campanile Singers 3,4; Festival Chorus 3,4; N. W. Missouri State College.

MERRILL, WILLIAM R.; Ames, *Industrial Psychology*—Sigma Chi; Psi Chi; Radio Workshop 1,2,3,4; Radio Players 1,2,3,4; Theater Workshop 1,2,3,4; Theater Players 2,3,4.

MEYER, BARBARA H.; Odebolt, *Home Economics Education*—Kappa Phi 1,2,3,4, president 4; YWCA 1,2,3,4; Home Economics Club 1,2,3,4; League of Women Voters 2; Veishea 2; NISA delegate 3, campus 4; Social Bureau 4; Social Council 3.

MEYER, JOYCE M.; Davenport, *Technical Journalism*—Alpha Delta Pi; Theta Sigma Phi, treasurer 4; Home Economics Club; *Green Gander; Homemaker; Iowa State Daily;* Newman Club.

MEYER, KENNETH A.; Davenport, *Chemical and Mechanical Engineering*—ASME 1,2,3,4; AIChemE 3,4; St. Ambrose College.

MEYER, WARREN E.; Omaha, Nebr., *Physics*—Ward System 1; Intramurals 1,2; University of San Fransico.

MIAD, MARJORIE E.; Braymer, Mo., *Home Economics Education*—Home Economics Club 3; Kappa Phi 3,4, vice-president 4; Wesley Foundation 3,4; YWCA 4; Christian College.

MILLARD, JANET A.; Western Springs, Ill., *Textiles and Clothing*—Alpha Delta Pi; WAA 3; Players 2; YWCA 1,2,4; Home Economics Club 1,2,4.

MILLER, FREDERIC L.; Des Moines, *General Engineering*—AIEE; G. E. Society 4; Iowa State Players 1,2,3; Veishea 1,2,3,4.

MILLER, GEORGE A.; Moline, Ill., *Architectural Engineering*—Augustana College; Illinois State Normal University.

MILLER, GWENDOLYN L.; Ames, *Child Development*—Kappa Phi 1,2,3,4; Radio 2; Twisters 1,2,3; Glee Club 1,2; Tau Gamma 1,2,3; Home Economics Club 3,4; Wesley Foundation Council 1,2.

MILLER, JANE S.; Glen Ellyn, Ill., *Zoology*—Sigma Kappa; YWCA 1,2,3,4; WAA 1,2,3,4; WAA Council 4; Intramurals Board 3; Science Women's Club 1,2,3,4.

MILLER, LIPPMAN; Ames, *Agricultural Engineering*—

MILLER, MARILYN J.; Des Moines, *Institution Management*—

MILLER, WALTER J.; Omaha, Nebr., *Technical Journalism*—Tau Kappa Epsilon, president 3,4; Sigma Delta Chi 3,4; Interfraternity Council 3,4; *Iowa State Daily* 3,4; *Scientist* 4.

MILLER, WILLIAM E.; Villisca, *Electrical Engineering*—

MILLETT, ROBERT E.; East Moline, Ill., *Industrial Economics*—

MILLIMAN, D. JOAN; Council Bluffs, *Home Economics Education*—

MILLS, JAMES W.; Spencer, *Animal Husbandry*—Block and Bridle.

MINARD, RICHARD C.; Omaha, Nebr., *Electrical Engineering*—Sigma Phi Epsilon; Eta Kappa Nu 3,4, secretary 4; AIEE 2,3,4; Veishea 2,3.

MITCHELL, CAROLYN A.; Ames, *Sociology*—Kappa Kappa Gamma; Psi Chi 3,4; YWCA 1,2,3,4; Sociology Club 3,4; Joint Social Council 3; Science Women's Club 1,2,3,4; Homecoming 3.

MITCHELL, ELIZABETH B.; Ames, *Experimental Cookery*—Veishea 3; Junior Prom 4; Veishea 4; Home Economics Club 1,2,3,4.

MITCHELL, HERBERT E.; Cincinnati, Ohio, *Floriculture*—Men's Glee Club 2,3,4; Iowa State Singers 4; Iowa State Players 3, "Girl Crazy"; Social Bureau 3; MRA Cabinet 3; Festival Choir 2,3,4; MRA 3.

MITCHELL, HOWARD D.; Rolla, N. D., *Horticulture*—Ward President 4; Horticulture Club 2,3,4; Veishea 3,4; Dickinson State Teachers College.

MITTELSTADT, RAY H.; Storm Lake, *General Engineering*—Sigma Phi Epsilon; SSIME 2,3,4; Interfraternity Pledge Council 3; Winter Sports Club 2.

MOFFITT, JOHN G.; Dysart, *Animal Husbandry*—Block and Bridle.

MOHR, ARCHER E.; Ames, *Electrical Engineering*—Wisconsin State Teachers College.

MOHR, ROBERTA M.; Eldridge, *Dietetics*—Chi Omega; Mortar Board; Phi Upsilon Omicron; Twisters; 630 Club, secretary 3,4; *Bomb* Publication Board 3,4; Home Economics Ball 3.

MONAWECK, JOHN F.; Battle Creek, Mich., *Dairy Industry and Economics*—Pi Kappa Alpha, president 4, vice-president 3; Dairy Industry Club 1,2; WSSF 2; Intramurals 1,2,3,4; Yel-Jax 1; Joint Social Council 2; Interfraternity Council.

MONGERSON, JOYCE E.; Waterloo, *Textiles and Clothing*—Gamma Phi Beta; YWCA 1,2,3,4; Home Economics Club 1,2,3; WAA 1,2.

MONSON, ELMER; Harlan, *Agronomy*—FarmHouse, president 4; Phi Mu Alpha, president 4, secretary 3; ASA, president; Alpha Zeta 3,4; Glee Club 4; Social Bureau 3; Festival Choir.

MONTAGUE, RAY H.; Santa Monica, Calif., *Animal Husbandry*—Phi Delta Theta; Veishea 2,3; *Agriculturist* 2; Block and Bridle Club 1,2,3,4; Syracuse University.

MONTEITH, MARJORIE C.; Dubuque, *Applied Art*—Home Economics Club 2,3,4; University of Dubuque.

MOODY, ELBRIDGE R.; Sterling, Colo., *Forestry*—Theta Delta Chi, secretary 2; president 3; Forestry Club 1,2,3; *Ames Forester* 3.

MOODY, JOHN H.; Ames, *Agricultural Engineering*—ASAE, vice-president 4.

MOORE, JOHN R.; Booneville, *Agricultural Engineering*—

MOORE, T. M.; St. Louis, Mo., *Bacteriology*—Sigma Alpha Epsilon; *Bomb* 1; *Iowa State Daily* 1; Science Council 4.

MORGAN, RUTH C.; Suffern, N. Y., *Household Equipment*—YWCA; WAA; Home Economics Club.

MORLOCK, WILLIAM G.; St. Joseph, Mo., *Agricultural Economics*—Phi Kappa; *Agriculturist* 1; Newman Club 1,2,3; Agricultural Economics Club 1,2,3.

MORRIS, JOHN O.; North Hollywood, Calif., *General Engineering*—Phi Kappa Psi, secretary 2,4; *Engineer* 1,2; *Green Gander* 3; Social Bureau 3.

MORRIS, LOIS A.; Kellogg, *Foods and Nutrition*—Alpha Delta Pi, treasurer 3, president 4; Marching Band 1; YWCA 1,2,3,4; WAA 2; Science Women's Club 1,2,3,4.

MORRISON, IRENE E.; Marlinton, W. Va., *Experimental Cookery*—Twisters 2,3,4, president 4; YWCA 2,3; Home Economics Club 2,3,4.

MOSER, BRUCE O.; Hawkeye, *Farm Operations*—Alpha Gamma Rho.

MUELLER, FERD A.; Bellevue, *Ceramic Engineering*—Veishea 4; Ceramics Society 4; Newman Club 2,3; Loras College.

MUKIN, VIVIAN V.; Ames, *Institution Management*—Alpha Gamma Delta; Mortar Board 4; Phi Upsilon Omicron 3,4; YWCA 2,3,4; Home Economics Club 2,3,4, president 4, council 3,4, president 4; Social Bureau, secretary 2,3; Cheer Squad 3; Freshman Mixer 3; Home Economics Ball 3; "Girl Crazy" 3; Attendant Homecoming Queen 3; Veishea 4; Homecoming 4; Women's Day 4; Minot State College.

MUNSON, JOHN C.; Clinton, *Electrical Engineering*—Alpha Tau Omega; Pi Mu Epsilon 3,4; AIEE 3,4; Veishea 3; Roger Williams Club 1,2,3.

MUNSON, WILLARD E.; Chariton, *Forestry*—

MURPHY, BRUCE C.; Lineville, *Civil Engineering*—Coe College.

MURRAY, LAVERN D.; Kingsley, *Mechanical Engineering*—Phi Kappa; University of Idaho.

MURRISH, ARCHIE J.; Irwin, *Chemical Engineering*—AIChemE 3,4; University of Nebraska.

MUSIN, RAPHAEL L.; Des Moines, *Civil Engineering*—ASCE 1,2,3,4; Interfaith Council 3.

MUSSER, KENNETH D.; Ames, *Mechanical Engineering*—Phi Delta Theta; ASME 3,4.

NADY, ROBERT M.; Fairfield, *Civil Engineering*—Phi Kappa Psi.

NALL, MERLE D.; Britt, *Agricultural Education*—Agricultural Education Club 3,4; Britt Junior College.

NANNINGA, WILLIAM W.; Ames, *Mechanical Engineering*—ASME.

NASHIF, SELIM A.; Tulkarm, Palestine, *Dairy Industry*—Utah State Agriculture College.

NATTO, MERLYN E.; Fort Dodge, *Civil Engineering*—Intramurals 2; Carleton College; Capitol University.

NAUGLE, NOBLE E. JR.; Kansas City, Mo., *General Engineering*—Phi Gamma Delta.

NAUMAN, JANET M.; Western Springs, Ill.; *Household Equipment*—Delta Zeta, secretary 3; Home Economics Club 2,3,4; WAA 1,2,3,4; YWCA 2,3; Radio Workshop 4; Frisbie Fellowship 2,3,4; North Central.

NEELY, JOHN L.; Winside, Nebr., *Veterinary Medicine*—Jr. AVMA 1,2,3,4.

NEFSTEAD, PAUL D.; Newton, *Industrial Economics*—ISSIE 3; Winter Sports Club 3,4; Lambda Ward, vice-president; University of Nebraska, A. & M. College of Texas.

NEIDIGH, JAMES H.; Grand Junction, *Landscape Architecture*—Sigma Chi; SSLA 3,4; SOV; Horizons 4; Festival Choir 3; Homecoming 3.

NELSEN, ARNOLD D.; Exira, *Dairy Industry*—Dairy Industry Club 2,3,4; ISVO, treasurer 2; Dairy Products Judging Team 4.

NELSON, LEROY E.; Litchfield, *Veterinary Medicine*—Jr. AVMA 1,2,3,4; *Veterinary Student* 2; Joint Social Council 3,4; University of Minnesota.

NELSON, LOIS I.; Harlan, *Sociology*—YWCA 1,2,3,4; Science Women's Club 2,3,4; League of Women Voters 2,3; Sociology Club 3,4.

NELSON, MYRON A.; Albert Lea, Minn., *Veterinary Medicine*—

NELSON, ROBERT C.; Oak Park, Ill., *Industrial Economics*—YMCA 1,2,3,4; SSIME 2,3; ISSIE 4; Ward System 1,2,3; Veishea 2; Wesley Foundation.

NETTLETON, WILLIAM D.; Jr.; Des Moines, *Civil Engineering*—Mason City Junior College.

NEUMAN, ARTHUR E.; Mankato, Minn., *Industrial Engineering*—G. E. Society 2,3,4; Newman Club 2,3,4; Winter Sports Club 2,3,4; Iowa State Debaters 3,4; Intramurals 2,3,4; Veishea 3,4; Mankato State Teachers College.

NEUMANN, ARLO J.; Preston, *Veterinary Medicine*—

NEUROTH, FLORIAN L.; Algona, *Dairy Industry*—Dairy Club 1,2,3,4.

NEVILLE, JAMES E., Algona, *Architectural Engineering*—

NEWELL, HELEN; Ames, *Institution Management*—Home Economics Club; Iowa State Teachers College.

NEWTON, EDMUND J.; Evanston, Ill., *Industrial Education*—Phi Kappa; Industrial Education Club 3,4; Newman Club 3,4.

NICHOLS, MARVIN W.; Des Moines, *Industrial Economics*—ISSIE 3,4; Iowa State Caducous Club 1,2.

NICHOLS, OWEN J.; Emmetsburg, *Civil Engineering*—Delta Chi; Interfraternity Council 3.

NIELSEN, BETTE L.; Casey, *Dietetics*—Alpha Delta Pi; Home Economics Club 1,2,3,4; YWCA 1,2,3,4; Joint Social Council, secretary 4; Theater Workshop; WAA 2.

NIELSEN, LOREN H.; Paullina, *Civil Engineering*—

NIELSEN, M. KEITH; Monroe, *Mechanical Engineering*—ASME 4; Intramurals 2,3,4; Wartburg College.

NIELSEN, RICHARD D.; Des Moines, *Mechanical Engineering*—ASME 3,4; Swimming Team 2,3,4; Varsity "I" Club 2,3,4; University of Iowa; William Jewell College.

NIELSEN, WALTER H.; Omaha, Nebr., *Chemical Engineering*—Phi Lambda Upsilon 3,4; Newman Club 3,4.

NIELSEN, WILBUR C.; Independence, *Dairy Industry*—Dairy Industry Club 1,2,3,4; Veishea 3; Jefferson College.

NIEMAND, DONALD W.; Davenport, *Mechanical Engineering*—Tau Beta Pi 3,4; ASME 4; Phi Mu Alpha 2,3,4; Pi Tau Sigma 3,4; Concert Band 1,2,3,4, treasurer 2, vice-president 3; Marching Band 1; Veishea 1,2,3,4.

NISSEN, RAYMOND A.; Audubon, *Agronomy*—ASA 4; Dana College.

NOLAND, ESTHER M.; Salem, Ore., *Child Development*—Iowa State Debaters; Willamette University.

NORDLI, ROBERT L.; Milford, *Mechanical Engineering*—ASME; Lehigh University.

NORMAN, LORRAINE E.; Maywood, Ill., *Experimental Cookery*—Home Economics Club 1,2,3,4; YWCA 1,2,3,4; Northwestern University.

NORMAN, SHIRLEY M.; Chicago, Ill., *Technical Journalism*—Student Union Board 3,4; *Iowa State Daily* 2,3; Homemaker 3; Dorm secretary 3; Senior Prom; Northwestern University.

NORRIS, DONALD R.; Ames, *Electrical Engineering*—Ward 1; South Dakota State College.

NORTON, ROBERT R.; Ames, *Mechanical Engineering*—Kappa Sigma; ASME 3,4; IAS 2,3; Scabbard and Blde 3,4; *Engineer* 2,3; Engineers Carnival 2; Sorority Fraternity Pledge Dance 2; Veishea 2,3.

NOVY, RUSSELL F.; Fort Dodge, *General Engineering*—G. E. Society 3,4; Men's Glee Club 4; Iowa State Singers 4; Fort Dodge Junior College.

NURRE, ROBERT B.; Bancroft, *Electrical Engineering*—Tau Kappa Epsilon; AIEE 2,3,4; Baseball 1,2,3,4; Newman Club 1,2,3,4; Engineers Carnival 3; Veishea 3; 630 Club 2,3.

NYSTEDT, NORMA M.; Elkhorn, Wis., *Home Economics Education*—Sigma Kappa; Home Economics Club 1,2,3,4; YWCA 1,2.

O'FLAHERTY, BETTY J.; Silver Spring, Md., *Institution Management*—Kappa Delta; Phi Upsilon Omicron; Home Economics Club 2,3,4; Glee Club 3; Festival Chorus 2,3; Albion College; Michigan University; Maryland University.

OGREN, WILLIAM W.; Kiron, *General Engineering*—MRA 3,4, vice-president 4; Cardinal Guild 4; G. E. Society 2,3,4, secretary 4.

OHDE, DAVID O.; Dubuque, *Electrical Engineering*—AIEE 1,2,4; Eta Kappa Nu 3,4; Intramurals 2,3,4.

OHLSEN, ANITA J.; Ames, *Applied Art*—Sigma Kappa; YWCA 1,2,3,4; Home Economics Club 1,2,3,4; WAA 1,2,3; Theatre Players 1,2,3,4; Radio Workshop 1,2,3,4, president 4; Radio Players 2,3, president 4; *Sketch* 3,4.

OHMS, DEWEY N.; Ames, *Dairy Husbandry*—Delta Chi; Block and Bridle; Dairy Husbandry Club; Central Missouri State Teachers College.

OILSCHLAGER, ELLSWORTH E.; Port Edwards, Wis., *Forestry*—Forestry Club 2,3,4, president 4; Carroll College.

OLSON, EMOGENE J.; Boone, Technical Journalism—Delta Delta Delta; *Green Gander* 3,4; *Homemaker* 3,4; *Bomb* 3,4; Gulf Park College; University of Colorado; Art Institute of Chicago.

OLSON, MARILYN J.; Galesburg, Ill., *Institution Management*—Sigma Kappa; YWCA 3,4; Home Economics Club 1,2,3,4.

OLSON, PHYLLIS J.; Winfield, *Home Economics Education*—Home Economics Club 1,2,3,4; YWCA 1,2,3; LSA 1,2,3,4; Festival Chorus 2; Campus 4-H Club 1,2,3,4.

OLSON, ROYDEN E.; Leland, *Mechanical Engineering*—

O'NEAL, ROGER E.; Marshalltown, *Forestry*—Tau Kappa Epsilon; Forestry Club 2,3,4; Social Bureau 2.

O'NEIL, EUGENE E.; Ames, *Mechanical Engineering*—Kappa Sigma.

O'NEIL, JOHN W.; Ames, *Industrial Economics*—ISSIE 3,4, vice-president 4.
ONNEN, JOHN H.; Des Moines, *Chemical Engineering*—University of Minnesota; St. Ambrose College.
OPHEIM, ROGER D.; Bode, *Electrical Engineering*—
OPHEIM, WALLACE S.; Ames, *Electrical Engineering*—
ORLICH, NICK; Johnston, *Chemical Engineering*—AIChemE 3,4.
ORR, EARLE W.; Omaha, Nebr., *Industrial Economics*—Industrial Economics Club 3,4; University of Omaha.
ORTMEYER, DALE H.; Charles City, *Sociology*—Debate; American Veterans Committee.
ORY, JEAN M.; Woodstock, Ill., *Home Economics Education*—Sigma Kappa, vice-president 2, president 3; Home Economics Club 1,2,3,4; YWCA 1,2.
OSBORN, DONALD D.; Stuart, *Electrical Engineering*—AIEE-IRE; University of Iowa; University of Missouri.
OTTO, ROBERT C.; West Burlington, *Industrial Economics*—Alpha Phi Omega; ISSIE; Ward System; Intramurals; Burlington Junior College.
OULMAN, GENE H.; Mason City, *General Engineering*—Phi Kappa Psi; Basketball.

PAETZ, JACK; Muscatine, *General Engineering*—Delta Upsilon; G. E. Society 3,4; Veishea 3,4; Varsity Football 1; 630 Club 3,4.
PAGE, JOHN M.; Dover, Ark., *Dairy Industry*—Adelante, president 3; Alpha Zeta 3,4; Dairy Industry Club 2,3,4, president 3; Interfraternity Council 4; Arkansas Polytechnic College.
PARKER, ROBERT E.; Stanhope, *Agricultural Journalism*—Alpha Tau Omega; Sigma Delta Chi; Radio Workshop; *Iowa State Daily; Bomb* Publications Board; *Green Gander* treasurer; Veishea 3; Creighton University.
PARKS, LOREN D.; New Hartford, *General Engineering*—Ward System 3,4; G. E. Society.
PARSONS, DARRELL E.; Ottumwa, *Industrial Economics*—Kansas State College; Coe College.
PARSONS, JOHN W.; Spirit Lake, *Forestry*—
PARSONS, NEIL I.; New London, *Psychology*—Psi Chi; Ward System; WOI Theatre Workshop 4.
PATEK, THEODORE B.; Two Rivers, Wis., *Veterinary Medicine*—Alpha Gamma Rho; AVMA 1,4; *Veterinary Student* 2,4; University of Wisconsin.
PATEL, KAIVTILAL V.; Bombay, India, *Chemical Engineering*—Fergusson College.
PATTERSON, JAMES G.; Waterloo, *General Engineering*—Tau Beta Pi; G. E. Society 2,3,4.
PATTERSON, KENNETH W.; Boone, *Architectural Engineering*—Boone Junior College; University of Maine.
PAUL, DONALD L.; Washington, *Chemical Technology*—Iowa Chemical Society 4; University of Minnesota.
PAUL, RAYMOND F.; Eddyville, *Mechanical Engineering*—Phi Tau Sigma; ASME; Newman Club.
PAULSON, QUENTIN S.; Grantsburg, Wis., *Veterinary Medicine*—Sigma Phi Epsilon; Jr. AVMA 1,2,3,4; University of Wisconsin.
PAULU, MARY A.; Cedar Rapids, *Mathematics*—Chi Omega, president 4; Mortar Board 4; Pi Mu Epsilon 4; Sigma Alpha Iota 3,4, vice-president 4; Orchestra 1,2,3,4; YWCA 1,2,3,4; Science Women's Club 1,2,3,4; Veishea 3.
PAUSTIAN, VERNE R.; Cedar Rapids, *Agronomy*—ASA.
PAVLIK, FLORENCE M.; Waukegan, Ill., *Household Equipment*—Pi Beta Phi; Omicron Nu 3,4; YWCA 1,3,4; WAA 1,2,3,4; *Bomb* 3,4; Veishea 1,2,3,4; Newman Club 1,2,3,4; "I" Fraternity 3,4; Festival Choir 1.
PAYNE, RUTH M.; Ames, *Child Development*—Messiah 3; Burlington Junior College; Iowa State Teachers College.
PEAK, FRANK; St. Charles, *Veterinary Medicine*—
PEART, ROBERT M.; Annawan, Ill., *Agricultural Engineering*—ASAE 2,3,4; Roger Williams Club 1,2,3,4.
PEDERSON, DONALD L.; Grinnell, *Agricultural Engineering*—Biarritz American University.
PEDERSON, PERRY O.; Sioux Falls, S. D., *Civil Engineering*—Delta Sigma Phi; ASCE.
PEHRSON, LELAND R.; Red Oak, *Chemical Engineering*—
PEHRSON, VERNON W.; Red Oak, *Electrical Engineering*—AIEE 1,2,3; Red Oak Jr. College; University of Houston.
PELLETIER, JOSEPH A.; Davenport, *Mechanical Engineering*—ASME; St. Ambrose College.
PENNINGTON, GORDON R.; Charles City, *Civil Engineering*—Engineers Carnival; ASCE 1,2,3,4; Engineering Council 4; Veishea 2.
PERRIER, JOHN D.; Madrid, *Forestry*—
PERRIN, CALVIN D.; Kalona, *Agronomy*—Delta Sigma Phi; Agronomy Club 1,2,3,4; Intramurals.
PERRY, KENNETH G.; Watertown, S. Dak., *Mechanical Engineering*—ASME 4; Virginia Military Institute; South Dakota School of Mines.
PESHEK, JEANNE K.; Racine, Wis., *Home Management*—Delta Delta Delta; Home Economics Club; YWCA.
PETERS, EGBERT L.; Ames, *Architectural Engineering*—AIA; University of Iowa; Morningside College.
PETERS, OWEN H.; Pasadena, Calif., *Landscape Architecture*—Sigma Nu; *Horizons* 4; SSLA 3,4.
PETERS, RICHARD N.; Omaha, Nebr., *General Engineering*—Phi Kappa Psi, president 4; *Bomb* 2,3; ASSIME 2; G. E. Society 3,4; Veishea; Intramurals 1,2,3,4; Joint Social Council 2,4; Interfraternity Council 4.
PETERS, VERNON G.; Cedar Falls, *General Engineering*—ASME 3,4; Engineers Carnival 3; Veishea 3,4; AFA 3,4.
PETERSEN, CHARLES J.; Ames, *Forestry*—Forestry Club 2,4; St. Ambrose College; University of Notre Dame.
PETERSEN, EMMANUEL J.; Cedar Falls, *Forestry*—Alpha Phi Omega 2,3,4; Iowa State Teachers College.
PETERSEN, ROGER G.; Prospect Park, Pa., *Agronomy*—Theta Chi; ASA 2; Marching Band 1,2; Homecoming 4.
PETERSEN, ROBERT L.; Harlan, *Mathematics*—Sigma Chi; Intramurals 1,2,3,4; "I" Club, vice-president.
PETERSON, ELLEN A.; Marshalltown, *Home Economics Education*—Chi Omega; Home Economics Club 1,2,3,4; YWCA 1,2,3,4; *Bomb* 1; *Homemaker* 1.
PETERSON, HELEN; Lisle, Ill., *Home Economics*—
PETERSON, JOHN D.; Boone, *Mechanical Engineering*—ASME.
PETERSON, KEITH E.; Willow Springs, Mo., *Animal Husbandry*—Block and Bridle 2,3,4.
PETERSON, ORIN J.; Rembrandt, *Forestry*—Forestry Club 3,4; Veishea 2; Buena Vista.
PETERSON, RONALD O.; Ottawa, Ill., *General Engineering*—Phi Gamma Delta, secretary; SSIME.
PETTERSON, KARL E.; Des Moines, *General Engineering*—Alpha Phi Omega 3,4; G. E. Society 3; Men's Glee Club 3; *Engineer* 3; Messiah 3.
PETTERSON, MARY B.; Des Moines, *Home Management*—Alpha Delta Pi; Home Economics Club 2,3,4; YWCA 2,3,4; Girls Glee Club 2,3,4; Messiah Chorus 1,2,4; *Homemaker* 3.
PEXTON, FRED C.; Ames, *Mechanical Engineering*—ASME 3,4; Ward System 1,2.
PFEIFFER, FRED; Sac City, *Chemical Engineering*—
PFLUEGER, DONALD H.; Ortonville, Minn., *Dairy Industry*—Delta Upsilon; *Agriculturist* 3,4; *Agriculturist* Publication Board; College Press Board 4; Dairy Industry Club 1,2,3,4, treasurer 3,4; Dairy Products Judging Team 4; Band 2.
PHILLIPS, JOHN C.; Oskaloosa, *Animal Husbandry*—Block and Bridle 3,4.
PHILLIPS, MERRELL L.; Ames, *Industrial Education*—
PHILLIPS, RICHARD; Barnes City, *Agricultural Education*—FarmHouse; YMCA 1,2; Agricultural Education Club; Purdue University.
PHILLIPS, RICHARD L.; Pleasantville, *Agricultural Engineering*—Alpha Tau Omega; Tau Beta Pi; ASAE; American Society of Testing Materials; Simpson College.
PIERSON, ARLIE A.; Ames, *Animal Husbandry*—Block and Bridle; Glee Club 2; Veishea 2; Horse Judging Team 2.
PIETSCH, WESLEY W.; Mason City, *Forestry*—Forestry Club 3,4; University of Minnesota.
PICKUS, ARTHUR M.; Beverly Hills, Calif., *Civil Engineering*—ASCE 2,3,4.
PILGRIM, JAMES S.; Grinnell, *Agricultural Education*—ASAE 2; Agricultural Club 1,2, treasurer 1; Winter Sports Club 3; Ward System 1,2.
PINNEO, JAMES E.; Ottumwa, *Forestry*—Phi Kappa Psi; Forestry Club; Intramurals, University of Iowa; Purdue.
PINNEY, GEORGE F.; Detroit, Mich., *Dairy Husbandry*—Alpha Gamma Rho; Scabbard and Blade 4; Dairy Husbandry Club 1,2,3,4; Block and Bridle.
PINKERT, PAUL A.; Robbinsdale, Minn., *Veterinary Medicine*—Alpha Gamma Rho; Phi Zeta; University of Minnesota.
PINT, JAMES A.; Osgae, *Chemical Engineering*—Loras College.
PIPER, MYRON M.; Boone, *Mechanical Engineering*—Pi Tau Sigma; ASME.
PLOCKER, JOHN C.; Blue Earth, Minn., *Animal Husbandry*—Delta Sigma Phi; Block and Bridle Club; Gustavus Adolphus.
PLUMER, DEAN O.; Jefferson, *History and Government*—Theta Chi, president 4; Wintermezzo.
POLAND, JOAN; Winterset, *Home Economics Education*—Home Economics Club 1,2,3,4; YWCA 1,2,3.
POOLE, JOHN W.; Dubuque, *Industrial Economics*—Phi Delta Theta; *Engineer* 2,3; Engineers Carnival 2,3; *Bomb*.
POPE, EDWARD P.; Marengo, Ill., *Veterinary Medicine*—Phi Zeta 3,4; MRA 2,3,4; AVMA 1,2,3,4.
POPE, ROBERT L.; Mason City, *Architectural Engineering*—
POPMA, ROBERT D.; Dixon, Ill., *Chemical Engineering*—
PORTER, RAVID A.; Waterloo, *General Engineering*—
POSAKONY, GERALD J.; Pocahontas, *Electrical Engineering*—Delta Upsilon; AIEE 2,3,4; Veishea 1,2; Engineers Carnival 2; Glee Club 3.
POSTON, WILLIAM E.; Corydon, *Forestry*—University of Iowa; Chariton Junior College.
POTTER, LYLE A.; Groton, S. D., *Poultry Husbandry*—Poultry Judging Team 3; South Dakota State.
POTTER, WILLIAM G.; Davenport, *Mechanical Engineering*—Sigma Tau Beta; Pi Tau Sigma 3,4; ASME 3,4; Peru State; University of Colorado.
POWER, RUSSELL L.; Norfolk, Nebr., *Mechanical Engineering*—Pi Tau Sigma 3,4; ASME 3,4.

POWERS, MELVIN L.; Maxwell, *Agricultural Education*—YMCA 2,3,4; Ward System 1,2; Agricultural Club 3,4.
PRATT, ROBERT W.; Des Moines, *Civil Engineering*—Pi Kappa Alpha.
PRAY, MARTHA JO; Fort Dodge, *Home Management*—Delta Delta Delta; Home Economics Club 1,2,3,4; YWCA 1,2,3,4; WAA 2,3.
PRESTON, WILLIAM R.; Carlisle, *Veterinary Medicine*—Junior AVMA 1,4.
PUGH, EUGENE C.; Cedar Rapids, *Industrial Education*—Theta Xi; Band 1; Industrial Education Club 3,4; Yel-Jax 3,4.
PUGH, VIRGINIA Y.; Colo, *Child Development*—Twisters 2,3,4; Cardinal Guild 3; Home Economics Club 1,2,3,4; YWCA 1,2,3; Winter Sports Club 2,3.
PURCELL, L. DALE; Fertile, *Agricultural Education*—Agricultural Education 2,3,4; Iowa State Teachers College.

QUIGGLE, RALPH O.; Faribault, Minn., *Landscape Architecture*—Tau Sigma Delta 2,3; Alpha Zeta 2,3; LSA 2,3,4, president 3; *Horiozns* 2,3; University of Minnesota.
QUINER, DAVID B.; Des Moines, *Animal Husbandry*—Ward System 3; Intramurals; Peru State Teachers College; Colorado University; Drake University.
QUINN, DALE J.; Waterloo, *Mechanical Engineering*—
QUINN, FRANCIS K.; Lone Rock, *Mechanical Engineering*—ASME 4; Ward System 1; Newman Club 2,3,4; Intramurals 1,2,3,4.
QUINN, KENNETH E.; Lake View, *Farm Operations*—Delta Phi; Newman Club 1,2,3,4; Farm Operations Club 1,2,3,4; *Agriculturist* 4; *Iowa State Daily* 4.
QUINN, PAUL J.; Jefferson, *Industrial Economics*—Phi Kappa; Newman Club 1,2,3,4; ISSIE 3,4; *Scientist*.

RADAKOVICH, NICK; Winterset, *Industrial Education*—
RAE, JOSEPH W.; Des Moines, *General Engineering*—Newman Club 2; University of Minnesota; College of St. Thomas.
RAFN, MARCIA L.; Lewistown, Mont., *Chemistry*—Iota Sigma Pi 3,4; Iowa Chemical Society 3,4; Science Women's Club 1,2,3,4; Festival Chorus 1,2,3,4; Players 1,3.
RAGAN, LOIS E.; Boone, *Dietetics*—Home Economics Club 1,2,3,4; YWCA; Newman Club 1,2,3,4.
RAGSDALE, AUDREY I.; Ames, *Foods and Nutrition*—
RAINWATER, DAN D.; Sigourney, *General Engineering*—Tau Kappa Epsilon; G. E. Society 4; Band 2,3,4; Purdue Univrsity; De Pauw University.
RALSTEN, MERRILL W.; Omaha, Nebr., *Electrical Engineering*—Theta Xi; AIEE 3,4; Rifle Team 1; Intramurals 1,2,3.
RAMSEY, HENRY B. JR.; Omaha, Nebr., *Mathematics*—Alpha Tau Omega, vice-president 2, president 3; Pi Mu Epsilon 3,4; Science Council, president 4; Veishea 2; Science Publication Board 4; Bomb Beauty Ball 2; Interfraternity Council 3; Washington University; Yale.
RAMSEY, ROBERT C.; Des Moines, *Electrical Engineering*—Veishea 3,4.
RANSOM, BRUCE H.; Ionia, *Electrical Engineering*—AIEE 2,3,4; Ward System 1,2,3,4.
RANDOLPH, HOWARD D.; Oblong, Ill., *Electrical Engineering*—
RASMUSSEN, MARY J.; Forest City, *Institution Management*—YWCA 3,4; Home Economics Club; Waldorf Junior College.
RAVER, DUANE D.; Ames, *Zoology*—Marching Band 1,2,3; Concert Band 1,2.
READ, ALVIN A.; Brooklyn, *Electrical Engineering*—AIEE-IRE 2,3,4, secretary 4; Ward 1,2.
READE, FRANCES C.; Clinton, *Horticulture*—Horticulture Club 1,2,3,4, secretary 3; Festival Choir 1,2; Kappa Phi.
RECTOR, JAMES D.; Earlville, *Animal Husbandry*—Block and Bridle.
REDMOND, JOY V.; Akron, Ohio, *Dietetics*—Kappa Delta; WAA 3; YWCA 3,4; Westminster College; Kent State University.
REED, LEANNA M.; Maquoketa, *Child Development*—WAA 3,4; Home Economics Club 1,2,3,4; YWCA 1,2,3; Intramurals 3,4.
REED, LESLIE D.; Ames, *Electrical Engineering*—
REED, PATRICIA R.; Clearfield, *Zoology*—Science Women's Club; YWCA; Chorus; Lindenwood College.
REED, ROBERT S.; Morrill, Nebr., *General Engineering*—Delta Sigma Phi; Band 3; Doane.
REED, ROBERT S.; Daytona Beach, Fla., *Mechanical Engineering*—ASME 4; Iowa State Pontoniers.
REESE, RICHARD A.; Omaha, Nebr., *Industrial Economics*—Phi Delta Theta; ISSIE 3,4; Veishea 3; *Bomb* 3,4.
REHUREK, ADOLPH JR.; Binghamton, N. Y., *Mechanical Engineering*—University of Dubuque.
REICHLINGER, PERRY F.; West Point, Nebr., *Agricultural Education*—Agricultural Education Club 1,2,3,4, treasurer 2, vice-president 3, president 4; MRA.
REIGLE, ZELMA F.; Inavale, Nebr., *Institution Management*—Home Economics Club 3,4; League of Women Voters; University of Nebraska.
REILLY, JACK R.; *Landscape Architecture*—SSLA, vice-president 3; *Green Gander* 2; Kansas State.
REINKE, EUGENE F.; Wanatah, Ind., *Dairy Industry*—Dairy Industry Club 2,3,4; Gamma Delta 2,3.
REISS, ADOLF E.; St. Joseph, Mo., *Civil Engineering*—ASCE; Veishea 3.
REITAN, CLAYTON H.; Regent, N. D., *Physics*—Pi Mu Epsilon 4; Intramurals; Ward System 3,4, LSA 3,4; N. D. State Teachers College.
RENARD, GENE E.; Arlington, Nebr., *Landscape Architecture*—Tau Sigma Delta 3,4; SSLA 2,3,4, treasurer 3; *Horizons* 3,4; University of Nebraska.
RENAUD, EDWIN L.; Des Moines, *General Engineering*—Kappa Sigma; Veishea 1,3; G. E. Society.
RENDAHL, JOHN W.; Burlington, *Chemical Engineering*—AIChemE 3,4; MRA; Burlington Junior College.
REYNOLDS, EUGENE E.; Brownstown, Ill.; *Forestry*—Adelante; Alpha Zeta 3,4; Forestry Club 2,3,4; *Ames Forester* 3; *Agriculturist* 3; Agricultural Council 4; Intramurals; Michigan College; University of Georgia.
RHODES, MARIAN J.; Duncombe, *Dietetics*—Alpha Gamma Delta; YWCA 1,2,3,4; Home Economics Club 1,2,3,4; Veishea 2; Campus 4-H Club 1,2; Festival Choir 1,2,3; Social Council 3.
RHODES, SAMUEL M.; Duncombe, *Dairy Industry*—FarmHouse; Dairy Industry Club 1,2,3; Fort Dodge Junior College.
RIBELIN, WILLIAM E.; Riverside, Calif., *Veterinary Medicine*—Pi Kappa Alpha, secretary 2, president 3; Concert Band 1; Homecoming 3; Veishea 3; AVME 1,2,3,4; Interfraternity Council 3; Yel-Jax 1; Veterinary Medicine Ball 4; Yel-Jax.
RICH, WILLIAM C.; Ames, *Agricultural Education*—Agricultural Education Club.
RICHARDSON, MARILYN F.; Nevada, *Dietetics*—
RICHES, ALVIN J.; Rolfe, *Poultry Husbandry*—Phi Kappa; Band 1,2; Glee Club 3,4; Poultry Club 3,4; Newman Club.
RINCKEL, JACOB F.; Ames, *General Engineering*—G. E. Society; Los Angeles City College; Centerville Iowa Junior College.
RISSE, JOHN T.; Eldora, *Electrical Engineering*—
RITCHIE, HELEN F.; Rochelle, Ill., *Experimental Cookery*—Alpha Gamma Delta, secretary 3; Sigma Alpha Iota 2,3,4; YWCA 1,2,3,4; Orchestra 1,2,3,4; Marching Band 1,3,4; Concert Band 1,2,3,4; Home Economics Club 2,3,4.
RITTS, EDWARD M.; Ames, *General Engineering*—Delta Upsilon; Cheerleader 1,2,3,4; Pep Council 4.
RITTS, WILLIAM J.; Ames, *Mathematics*—Delta Upsilon; Pi Mu Epsilon 3,4, director 4; Scabbard and Blade 3,4; Cheer Squad 3,4; ISC Players 3,4; "Yellow Jacket" 3; Yel-Jax 2,3, vice-president 3; *Green Gander* 2; *Sketch* 2,3; Veishea 2,3; Military Ball 4; Homecoming Pep Barbecue 4; *Iowa State Daily* 4; *Scientist* 4; Creighton University.
ROBB, THOMAS A.; Centerville, *Animal Husbandry*—Block and Bridle 2,3,4.
ROBERTS, STEPHEN E.; Burlington, *General Engineering*—G. E. Society 3; MRA 3, treasurer 3.
ROBERTS, THOMAS H. JR.; Sycamore, Ill., *Agronomy*—Phi Delta Theta, president 4; Alpha Zeta 4; Phi Eta Sigma 3; Agronomy Club 4; University of Illinois; University of Chicago.
ROBERTSON, GAYLORD K.; Storm Lake, *Forestry*—Phi Kappa Tau; Forestry Club 1,2,3,4; *Ames Forester* 3,4.
ROBISON, G. DOUGLAS; Des Moines, *Architectural Engineering*—Beta Theta Pi; AIA 2,3,4; Varsity Swimming Team 1,2,3,4, captain 3; Varsity "I" Club 2,3,4; Engineers Carnival 4.
ROBSON, DOUGLAS S.; Midland, Tex., *Statistics*—Montana State University; North Dakota State University; Valley City State Teacher's College.
ROETHIG, DONALD D.; Ames, *Civil Engineering*—
ROGERS, JOHN J. JR.; Ames, *Agricultural Engineering*—ASAE; Morningside.
ROHRBERG, RODERICK G.; Council Bluffs, *Civil Engineering*—Marquette University.
ROISEN, MAYNARD W.; Northwood, *Electrical Engineering*—
RONDESTVEDT, CAROLYN E.; Minneapolis, Minn., *Home Economics Education*—Home Economics Club 1,2,3,4; YWCA 1,2; WAA 2,3,4; Home Economics Council 3; WAA Council 4; Elm Hall vice-president.
ROOS, DONALD O.; Denver, Colo., *Landscape Architecture*—Sigma Phi Epsilon; SSLA 1,2,3,4; Veishea 2,3,4; Red Cross Executive Board 2,3,4; *Bomb* 1,4; *Iowa State Daily* 1,2; *Agriculturist* 2,3; Homecoming 3,4; Bomb Beauty 2; Apple Polisher's Ball 2,3, Harvest Ball 4; Beaux Arts Ball 3; 630 Club 2,3; Newman Club 1,2,3,4; Track; Tennis; Colorado University.
ROOS, LEO G.; Denver, Colo., *Mechanical Engineering*—Sigma Phi Epsilon; ASME 3,4; Newman Club 1,2,3,4.
ROOSE, LELAND N.; Charter Oak, *General Engineering*—Delta Tau Delta; G. E. Society 3; Engineers Carnival 3; *Iowa State Daily* 3; Social Council 3; Veishea 3; Grinnell College.
ROSEN, ARTHUR W.; Minneapolis, Minn., *Chemical Engineering*—AIChemE 1,2,3,4; Cardinal Guild 4; Ward System 3,4.
ROTH, JOANNE S.; Granite City, Ill., *Home Management*—Alpha Delta Pi; Home Economics Club 3 ;YWCA 1,2,3; Veishea 3.
ROWAN, JOHN T. JR.; Burlington, *Electrical Engineering*—
RUBY, GEORGE M.; Guthrie Center, *General Engineering*—Alpha Chi Rho, president 2; 630 Club; G. E. Society 3,4; Varsity Rifle Squad 4; Interfraternity Council 2.
RUFF, DONALD O.; St. Joseph, Mo., *Electrical Engineering*—Kappa Sigma; Missouri School of Mines.

RUHR, CLIFFORD E.; Atlantic, *Zoology*—

RUSK, CARL V.; Newton, *Agricultural Economics*—Alpha Gamma Rho, president; Agricultural Economics Club 1,2,3,4; Campus 4-H Club 1,2,3,4; Debate Club 2; Interfraternity Council 4.

RUSK, GEORGE D.; Newton, *Agricultural Journalism*—Alpha Gamma Rho; Sigma Delta Chi 3; *Iowa State Daily; Agriculturist;* Veishea; 4-H Club.

RUSSELL, CARL E.; Fort Dodge, *Industrial Economics*—G. E. Society 3; ISSIE 4; Fort Dodge Jr. College.

RUSSELL, ROBERT B.; Davenport, *Electrical Engineering*—AIEE 3,4.

RYCHNOVSKY, RUTH A.; Belle Plaine, *Mathematics*—Kappa Delta; YWCA; Newman Club 2,3,4; Mathematics Club 3,4; *Scientist;* Science Women's Club 2,3,4; St. Mary's College of Notre Dame.

RYSTROM, RAYMOND W. JR.; Ames, *Agricultural Engineering*—ASAE 3,4; 4-H Club.

RYSTROM, ROGER A.; Waterloo, *Electrical Engineering*—AIEE 2,3,4; Delta Sigma Theta 3,4; YMCA.

ST. JOHN, KARL M.; Sioux City, *Electrical Engineering*—

SALISBURY D. MAXINE; Stewartsville, Mo., *Home Economics*—Home Economics Club 3,4; Graceland College.

SALISBURY, GERALD E.; Des Moines, *Electrical Engineering*—Theta Delta Chi; AIEE-IRE.

SANDAGE, DUANE W.; Lamoni, *Agricultural Education*—Farm-House; Agricultural Education Club 1,2,3, president 4; Campus 4-H Club 1,2, secretary; *Agriculturist* 3.

SANDERS, DANIEL C.; Waterloo, *Civil Engineering*—Phi Kappa Theta.

SANFORD, EDWARD R.; Clifton, N. J., *Electrical Engineering*—Phi Kappa Psi; Eta Kappa Nu 3,4; AIEE-IRE 3,4, president.

SANNER, RICHARD L.; Anamosa, *Industrial Economics*—Camera Club; Kansas State College.

SASSAMAN, JAMES R.; Ottumwa, *Civil Engineering*—ASCE 3,4; Roger Williams Club 1,2,3,4; Oklahoma Baptist University.

SAUNDERS, MARGERY G.; Takoma Park, Md., *Home Economics Education*—Pi Beta Phi; Omicron Nu 3,4; Phi Upsilon Omicron 3,4; YWCA; *Homemaker* 1,2,3,4; Home Economics Club.

SAYRE, CARL J.; Scranton, *Agricultural Education*—Alpha Gamma Rho; Agricultural Education Club 2,3,4; Football 2,3; Interfraternity Pledge Council 4.

SCALLON, NICHOLAS P.; Ackley, *General Engineering*—Phi Kappa.

SCALLON, TERESA M.; Ackley, *Home Economics Education*—Omicron Nu, 3,4; Campus 4-H Club 1,2,3,4; Home Economics Club 1,2,3,4; ISA; Dormitory President 3.

SCAMMAN, JACK; Rock Port, Mo., *Veterinary Medicine*—Alpha Tau Omega; Missouri University.

SCHLENKER, RALPH F.; Des Moines, *Electrical Engineering*—Veishea 2,3,4; AIEE 3,4.

SCHLUTIUS, GEORGE W. JR.; Webster Groves, Mo., *Animal Husbandry*—Delta Upsilon; Block and Bridle 1,2,3,4; ROTC Rifle Team 1.

SCHOLTEN, JOHN J.; Sioux City, *Mechanical Engineering*—Phi Kappa; ASME 3,4; *Bomb* 1.

SCHOLTES, RICHARD W.; Algona, *Industrial Engineering*—SSIME 2,3,4; ASME 4; Intramurals 1,2,3,4; Homecoming 1,2; Loras College of Dubuque.

SCHMIELAU, CARLA E.; Davenport, *Home Management*—Delta Delta Delta; Joint Social Council 4; YWCA; Home Economics Club; Veishea.

SCHMIDT, HOWARD N.; Kewaskum, Wis., *Forestry*—Alpha Zeta 3,4; Ward System; Forestry Club, secretary 2, president 3; Winter Sports Club 1,2; Campus Radio Club.

SCHMITZ, BERNARD E.; Kirkville, *Mechanical Engineering*—Sigma Phi Epsilon; ASME 4; Veishea 3.

SCHNEIDER, LEO R.; Rock Island, *Physical Education*—Delta Upsilon, president 2; Varsity "I" Club 2,3,4, president; Basketball 1,2,3,4; Track 1; Science Council 4; Cardinal Key 4; Interfraternity Council 2; Nebraska University.

SCHRIMPER, RICHARD J.; Marion, *Mathematics*—Pi Mu Epsilon 4, Veishea 3; Band 3,4; North Dakota State; Coe College.

SCHROEDER, WILBERT E.; Burlington, *Industrial Economics*—Kansas State; North Dakota State; South Dakota State.

SCHROPP, MARGARET C.; Des Moines, *Zoology*—Delta Zeta, treasurer; YWCA; Interfaith Council; Science Women's Club Council; Science Women's Club, vice-presdient.

SCHULT, EUGENE D.; Milford, *Mechanical Engineering*—ASME.

SCHULTZ, JOHN; La Crosse, Wis., *Mechanical Engineering*—

SCHUMACHER, NORMAN C.; Dubuque, *Mechanical Engineering*—Pi Tau Sigma; ASME.

SCHUMAN, RICHARD E.; Manson, *Chemical Engineering*—Concordia.

SCHWAB, KEITH O.; Sutton, Nebr., *General Engineering*—Delta Tau Delta; Marching Band 1; *Engineer* 2,3; G. E. Society.

SCHWABE, FREDERICK P.; Dubuque, *Chemical Engineering*—

SCHWEET, SHIRLEY W.; Mitchellville, *Sociology*—Psi Chi 3,4, secretary 3.

SCHWIETERT, HERB; McGregor, *Agricultural Education*—

SCOTT, H. KEITH; Des Moines, *Industrial Economics*—ISSIE.

SCOTT, ROBERT H.; Spokane, Wash., *Physics*—Whitworth College.

SEABOLD, CARL A.; Keokuk, *Chemical Engineering*—AIChemE; North Dakota State; Oregon State.

SEAGREN, ERNEST E.; Fonda, *Electrical Engineering*—AIEE 2,3,4; Veishea 3; Missouri School of Mines.

SEELEY, PAUL G.; Rockwell City, *Industrial Economics*—ISSIE.

SELLERS, JOHN E.; Chariton, *Animal Husbandry*—Block and Bridle Club.

SELLS, GWENDOLYN A.; Beaver Creek, Minn., *Home Economics Education*—Home Economics Club 1,2,3,4; YWCA 1,2,3,4; Campanile Singers 1,2,3; WAA 2,3,4; Women's 4-H Club 1,2,3,4, Council 3; Interfaith Council 3; Lutheran Staudent Association 1,2,3,4, vice-president 3; Luther College.

SEMLER, PHILIP M.; Benton Harbor, Mich., *General Engineering*—Phi Kappa Psi; *Engineer* 4; Western Michigan College.

SEROVY, GEORGE K.; Cedar Rapids, *Mechanical Engineering*—Sigma Chi; Pi Tau Sigma 3,4; Tau Beta Pi 3,4; Knights of St. Patrick 4; ASME; Engineering Council 3; Homecoming 3; Veishea 3; *Engineer* 2,3; Junior Prom 3.

SEVERSIKE, CARROLL L.; Ames, *Ceramic Engineering*—

SHAFER, DON P.; Newell, *Electrical Engineering*—Delta Upsilon, treasurer 3; Eta Kappa Nu 3,4; Tau Beta Pi 3,4; Engineering Council 3, president 4; Engineers Carnival 4; Veishea 3; Engineers Ball; Festival Chorus 3.

SHARP, VIRGINIA; Ottumwa, *Horticulture*—Kappa Kappa Gamma, secretary 4; YWCA 1,2,3,4; Horticulture Club 2,3,4, secretary 3, vice-president 4.

SHAPIRO, BEATRICE H.; Chicago, Ill., *Child Development*—Home Economics Club 2,3,4; Inter-Faith Council 3,4; Wright Junior College.

SHAW, JEAN E.; Ambrose, *Home Economics Education*—Mortar Board 3,4; Phi Upsilon Omicron 3,4; Cardinal Guild 3,4; Welch Hall, president 3; Social Bureau.

SHAWVAN, JOHN W.; Denison, *Electrical Engineering*—Beta Theta Pi; Band 1,2,3,4; University of Chicago.

SHEAN, RUTH M.; Cedar Rapids, *Applied Art*—

SHEEHAN, DONNA B.; Ames, *Home Economics Education*—

SHEELER, MAX I.; Des Moines, *Chemical Engineering*—

SHELTON, DEWITT S.; Bloomfield, *Agricultural Education*—Band 3; Agricultural Education Club; Bloomfield Junior College.

SHELDON, JOHN M.; Eldora, *Industrial Education*—Lambda Chi Alpha; ASM 3; Industrial Education Club 2,3,4; IFTA 2,3,4.

SHEPARD, ROBERTA J.; Chariton, *Applied Art*—Delta Phi Delta 3,4, treasurer 4; Home Economics Club 1,2,3,4; YWCA 1,2,3,4.

SHEPERD, JOHN; Gary, Ind., *Chemical Engineering*—Sigma Alpha Epsilon; "I" Club 2,3,4; Basketball; Miami University.

SHERBRING, MILTON J.; Ogden, *Forestry*—

SHIELDS, JOHN T.; Fullerton, Nebr., *General Engineering*—Phi Kappa Psi, treasurer 3; G. E. Society 3,4; University of Nebraska.

SHIPMAN, KEITH D.; Orchard, Nebr., *Animal Husbandry*—Intramurals 3,4.

SHOEMAKER, SYLVIA C.; Pleasant Ridge, Mich., *Applied Art*—Kappa Delta, vice-president 3; Home Economics Club 1,2,3,4; YWCA 1,2,3,4; WAA 2,3,4; ISC Players.

SHORB, ROBERT F.; Ames, *Industrial Education*—University of Baltimore; Boone Junior College.

SHORE, WILLIAM S.; Ames, *Chemical Technology*—Alpha Chi Sigma 4; Iowa Chemical Society; University of Kansas.

SHRINER, LEON H.; Moneta, *General Engineering*—G. E. Society 2,3,4; Mathematics Club 1,2.

SHUMAKER, JOHN B. JR.; Des Moines, *Chemical Engineering*—Alpha Xi Sigma 3,4; Pi Mu Epsilon 3,4; Phi Lambda Upsilon 4.

SIECK, ALBERT M.; Council Bluffs, *Civil Engineering*—Sigma Phi Epsilon; ASCE 1,2,3,4, vice-president 3, president 4; Tau Beta Pi 3; Knights of St. Patrick 4.

SIEMENS, JOHN W.; Goldfield, *Veterinary Medicine*—Sigma Phi Epsilon; *Veterinary Student*.

SIEVERS, MARION G.; Milan, Ill., *Textiles and Clothing*—Home Economics Club 3,4; 4-H Club 3,4; Blackburn College.

SILLETTO, BARBARA J.; Des Moines, *Home Management*—Chi Omega; YWCA; Home Economics Club; Cardinal Guild, secretary; Veishea 3; Homecoming 3; Women's Pan-Hellenic Dance 3; *Bomb* 4; Home Economics Ball 4.

SIMON, HELEN L.; West Burlington, *Textiles and Clothing*—Festival Choir, 4; Social Council 3; Burlington Junior College; Antioch.

SINEK, DON J.; Rolfe, *Landscape Architecture*—Theta Xi, president 3; SSLA; Apple Polishers Ball 3.

SINGH, RANJIT; Ames, *Agriculture*—

SINNER, ROBERT D.; Omaha, Nebr., *Chemical Engineering*—AIChemE 3,4; Alpha Chi Sigma, 4; Ward System 3,4; Intramurals 3,4; University of Omaha.

SKEWES, ART R.; Union Grove, Wis., *Veterinary Medicine*—Tau Kappa Epsilon, treasurer 2; Veishea 1; Veterinary Ball 2; Veterinary Sports Dance 2.

SKINNER, ROBERT L.; Mount Ayr, *Animal Husbandry*—Farm-House; Meats Judging Team 3; Livestock Judging Team; Dairy Judging Squad 4; Block and Bridle 1,2,3,4; Agricultural Education Club 3,4; Campus 4-H Club 2,3; *Agriculturist* 2,3; Intramurals 1,2,3,4; Veishea 1,2,3.

SKJERSETH, TORLIEF N.; Brocket, N. D., *Agricultural Engineering*—FarmHouse; ASAE 2,3,4; ASAE Banquet 2; Engineering Council 3,4, treasurer 4; Theta Beta Pi 3,4; Alpha Zeta 3,4; LSA 2,3,4; California Institute of Technology; University of Southern California.

SLATER, ROBERT L.; Greeley, *Industrial Economics*—ISSIE 3,4; Illinois Institute of Technology; Elkader Junior College.

SLOAN, JAMES A.; Walker, *Veterinary Medicine*—Coe College.

SLOBE, STANLEY F.; Orange City, *General Engineering*—North-Western Junior College.

SMITH, CLIFFORD E.; Osceola, *General Engineering*—

SMITH, DELBERT D.; Butler, Mo., *Sociology*—Men's Glee Club 4; ISC Singers 4; Sociology Club 3,4; Graceland College.

SMITH, DENNIS T.; Red Oak, *Chemical Engineering*—AIChemE 2,3.

SMITH, DONALD L.; Dubuque, *Civil Engineering*—

SMITH, EARL P.; Clemons, *Mechanical Engineering*—ASME 2,3,4; Veishea 2,3,4; Creighton University.

SMITH, ELWOOD P.; Des Moines, *Aeronautical Engineering*—Theta Xi; IAS 4; Drake University.

SMITH, JANE; Ottumwa, *Sociology*—Science Women's Club 1,2; Festival Chorus 3,4; Twisters 2,3,4; Band 1,2.

SMITH, J. E. KEITH; Dickens, *Mathematics*—Delta Upsilon; Pi Mu Epsilon 3,4; *Scientist*.

SMITH, MAX A.; Clemons, *Agricultural Economics*—YMCA 1,2,3,4; Inter-Faith Council 1; Homecoming 3; Agricultural Economics Club 1,2,3; Council 3; WSSF.

SMITH, RICHARD L.; Murray, *Animal Husbandry*—Block and Bridle Club; Livestock Judging Team.

SMITH, RICHARD W.; Cedar Falls, *Industrial Engineering*—Iowa State Teachers College.

SMITH, ROGER P.; Ames, *Chemical Engineering*—AIChemE; Oskosh State Tachers College.

SMITH, THOMAS R.; Volga, *Animal Husbandry*—Alpha Gamma Rho; Alpha Zeta, vice-president 4; *Agriculturist* 2; Scabbard and Blade 3,4; Block and Bridle Club 2,3,4; Meats Judging Team 3; Dairy Judging Team 4; Livestock Judging Team 4; Syracuse University.

SMITH, VOLNEY H.; Malvern, *Agricultural Engineering*—ASAE 1,2,3,4; Delta Sigma Theta 3,4; Ward System 1,2,3,4.

SMITH, WILLARD G.; Cedar Rapids, *Architectural Engineering*—Phi Kappa Psi.

SMITH, YVONNE C.; Duluth, Minn., *Institution Management*—Home Economics Club 1,2,3,4; YWCA 1,2; League of Women Voters 3.

SMOOT, JOHN E. JR.; Parsons, Kan., *Industrial Education*—Industrial Education Club; Iowa Future Teachers Association; Parsons Junior College.

SNELL, RUSSELL S.; Ainsworth, Nebr., *Electrical Engineering*—

SNYDER, ROBERT A.; Dallas Center, *Veterinary Medicine*—Pi Kappa Alpha.

SODERBERG, MARGIT J.; Omaha, Nebr., *Home Economics Education*—Oak Hall, president 4; Home Economics Club; Messiah Chorus 3,4; Attendant to Homecoming Queen 4; Omaha University.

SOETHE, GEORGE F.; Burlington, *Electrical Engineering*—AIEE 4.

SOLDAT, BRETA C.; Jewell, *Textiles and Clothing*—Chi Omega; Omicron Nu, 3,4; Home Economics Club 1,4; YWCA 1; WAA 1; WAA 2; *Homemaker* 2.

SOMERS, WILLFORD M.; Lake City, *Ceramic Engineering*—ACS 2,3,4, vice-president 3,4; Keramos 4, president, 4; Engineering Council 3,4; Engineers Carnival 3,4.

SORAUF, JEANNE E.; Racine, Wis.; *Textiles and Related Science*—Twisters 2,3.

SORENSEN, RICHARD M.; Norfolk, Nebr., *Industrial Education*—

SPANGLER, CHARLENE E.; Omaha, Nebr., *Chemistry*—Mortar Board 4; Cardinal Guild; YWCA 1,2,3,4, vice-president 4; Lyon Hall vice-president; Inter-Faith Council 3,4; Science Women's Club 1,2,3,4; *Bomb* 3; Iowa State Debaters 3.

SPANGLER, CHARLES E.; Omaha, Nebr., *Agricultural Economics*—Sigma Phi Epsilon, secretary 4; Alpha Zeta 3,4; Student Union Board 3,4; YMCA 3; Agricultural Economics Club 2,3,4; Agricultural Council 3,4; *Bomb* 2,3,4; College Press Board 4; *Bomb* Publication Board 4; Festival Chorus 1,2,3,4.

SPEARING, ROBERT C.; Manly, *Zoology*—Pi Kappa Phi, president 3; Interfraternity Council 3; Band 1,2; 630 Club 2.

SPEER, VAUGHN C.; Milford, *Animal Husbandry*—Adelante; Block and Bridle 2,3,4.

SPENCER, DARYL L.; Newton, *Electrical Engineering*—AIEE-IRE 3,4; Radio Workshop 1,2,3,4; WOI Radio Players 2,3,4.

STAFFORD, RICHARD C.; Ames, *General Engineering*—G. E. Society 2,3,4; Men's Glee Club 1.

STALY, SADIE M.; Webster City, *Zoology*—Alpha Gamma Delta; YWCA 1,2,3,4; Science Women's Club 1,2,3,4; Twister 2; *Green Gander* 3; Roger Williams Club 1,2; Theta Epsilon 1,2,4; University of Arkansas.

STANFEL, FRANCIS V.; Des Moines, *Mechanical Engineering*—St. Ambrose College; Northwestern University.

STAUNTON, ROBERT E.; Rochester, N. Y., *Industrial Economics*—ISSIE 3,4; Veishea 4.

STEDMAN, RICHARD E.; Des Moines, *Dairy Industry*—Alpha Tau Omega; College Cossacks 1.

STEELE, C. JAY; Ames, *General Engineering*—Alpha Tau Omega, president 4; Homecoming 3; Bomb Beauty Ball 3; Interfraternity Council 3; Band 1,2,3,4; *Green Gander* 1,2; *Engineer* 2,3; Veishea 3.

STEFFEN, GAYLORD R.; Davenport, *Industrial Education*—I. S. Scale Railroaders 2,3; Industrial Education Club 3,4; Pammel Court Council 2; Band 3.

STELLRECHT, SAM J.; Muscatine, *Landscape Architecture*—Tau Sigma Delta 3,4; SSLA 3,4; *Horizons* 4.

STEPHENS, JOHN V.; Des Moines, *Science*—

STEPHENS, SUSAN J.; Des Moines, *History-Government*—Pi Beta Phi; YWCA 1,2,3,4; Science Women's Club 1,2,3,4; *Iowa State Daily;* William Woods College; Drake University.

STEPHENSON, STANLEY W. JR.; Ames, *Civil Engineering*—George Washington University.

STEVENS, EDWIN L.; Winfield, *Agricultural Engineering*—ASAE 3,4; ASME 3; IVCF 1,2,3,4.

STOAKES, WILLIAM L.; Sioux City, *Electrical Engineering*—Phi Mu Alpha 2,3,4; Orchestra 1,2,3,4; Mason City Junior College.

STOCKWELL, RICHARD C.; Moravia, *Landscape Architecture*—SSLA 2,3,4; Centerville Junior College.

STOLP, DONALD L.; Omaha, Nebr., *Mechanical Engineering*—Pi Tau Sigma; ASME; Macalester College.

STOLTENBERG, RICHARD E.; Davenport, *Chemical Engineering*—Intramurals 4; St. Ambrose College.

STONE, GERALD B.; Des Moines, *General Engineering*—Phi Delta Theta, treasurer 2; G. E. Society 2,3,4, treasurer 3; Football 2,3,4; Engineers Carnival 3; Veishea 2.

STONEHOUSE, A. JAMES; Burlington, *Chemical Technology*—Theta Delta Chi; Alpha Chi Sigma 4; *Scientist* 4; Iowa Chemical Society 3,4; Burlington Junior College.

STOPPEL, DONALD F.; Rochester, Minn., *Veterinary Medicine*—Jr. AVMA 1,2,3,4.

STOUGH, DYCIE J.; Park Ridge, Ill., *Applied Art*—Radio Workshop 1,2; YWCA 1; *Sketch;* "Yearbook" 2,3; "Girl Crazy" 2; Chicago Art Institute.

STRAUSBAUGH, EMOGENE F.; Ames, *Home Economics Education*—Home Economics Club 1,2,3,4; YWCA 1,2,3,4; Bit and Spur 1; Campus 4-H Club 3,4; WAA 3,4.

STRAYER, R. EARL; Waterloo, *Landscape Architecture*—SSLA 1,2,3,4; Tau Sigma Delta 3,4; University of Wisconsin; Michigan State Teachers College.

STREIFF, WARREN D.; Centerville, *Civil Engineering*—ASCE 2,3,4; Veishea 3,4; Centerville Junior College.

STRITZEL, JOSEPH A.; Columbia Sta., Ohio, *Agronomy*—Alpha Zeta; Agronomy Club; Newman Club 1,2,3,4.

STRONG, DONALD L.; Sioux City, *Forestry*—Forestry Club 1,2,3,4, vice-president 3; Baseball; Utah State Agricultural College.

STUART, DONALD R.; Omaha, Nebr., *Mechanical Engineering and Industrial Engineering*—ASME 3,4; Pi Tau Sigma 4; Veishea 2,3,4.

STUCKER, DEAN B.; Cedar Rapids, *Animal Husbandry*—Block and Bridle; Iowa State Symphony Orchestra; Iowa State Concert Band.

STUDT, DALE M.; Belle Plaine, *Agricultural Education*—Alpha Zeta 2,3,4; Education Club 1,2,3,4.

SULLIVAN, CORA L.; Knoxville, Tenn., *Household Equipment*—Kappa Delta; Home Economics Club 1,2,3,4; YWCA 1,2,3,4; WOI Workshop 2,3.

SUMMERS, ALVIN J.; Omaha, Nebr., *Chemical Engineering*—AIChemE 3,4; Orchestra 1.

SUMMERS, FRANK V.; Omaha, Nebr., *Chemical Engineering*—AIChemE 3,4; Phi Lambda Upsilon; Phi Mu Epsilon.

SUMMERS, RICHARD S.; Ames, *Chemical Engineering*—Theta Delta Chi; Alpha Chi Sigma 3,4; Tau Beta Pi 4; AIChemE 3,4; *Iowa State Daily* 3; Engineering Council 3,4; DePauw University; Purdue University.

SURBAUGH, CRAIG A.; Humeston, *Agronomy*—

SVIEN, THOMAS A.; Nashua, *Forestry*—Phi Kappa, treasurer 3; Forestry Club 2,3,4; Forester 2,3,4.

SWANSON, CLAIRE L.; Woonsocket, S. D., *Dairy Industry*—Dairy Industry Club 1,2,3,4; Band; Dakota Wesleyan.

SWANSON, EUGENE K.; Wesley, *General Engineering*—Tau Beta Pi 3,4; ISA 3,4, treasurer 4; Veishea 4; Intramurals 1,2,3,4; Ward System 1,2; G. E. Society 3,4.

SWANSON, HOWARD P.; Luverne, *Physics*—

SWANSON, JAMES D.; Washington, D. C., *Agronomy*—Beta Theta Pi; Iowa State Players 1,2; Veishea 3.

SWANSON, ROBERT M.; Ogden, *Agricultural Education*—YMCA 3,4; Agricultural Education Club 2,3,4; LSA.

SWANSON, WILLIAM B.; Homestead, Pa., *Landscape Architecture*—Theta Xi; SSLA; Veishea 3; *Horizons* 3,4; Apple Polishers Ball 3; Homecoming 2,3; Kansas University; Peru State Teachers College.

SWEARINGEN, GEORGE R.; Winfield, *Agricultural Education*—Alpha Gamma Rho; Iowa State Debaters 1; Campus 4-H Club 2,3; *Agriculturist* 2,3; Agricultural Education Club 2,3,4, vice-president 3.

SWEENY, EDWARD J.; Cleveland Heights, Ohio, *Mechanical Engineering*—Delta Tau Delta; Newman Club; John Carroll University; Carnegie Institute of Technology.

SWEGLE, WAYNE E.; New Virginia, *Agricultural Journalism*—Alpha Gamma Rho, vice-president 3; Alpha Zeta 3,4; Sigma Delta Xi 3,4, president 4; Block and Bridle 1; *Iowa State Daily; Agriculturist* 2; *Green Gander*; Music Council.

SWENSON, ROBERT E.; McCallsburg, *Industrial Education*—YMCA 1,2,3,4; Industrial Education Club 3,4; Choir 2; Alumni Hall, secretary 2.

SWENSON, RUSSELL; Sandwich, Ill., *Animal Husbandry*—Tau Kappa Epsilon; Block and Bridle.

SWISHER, ROBERT D.; Woodward, *Civil Engineering*—

TABBERSON, KENNETH M.; Hutchinson, Minn., *Veterinary Medicine*—Dana College.

TALCOTT, RICHARD C.; Webster City, *Civil Engineering*—ASCE 2,3,4; Pammel Court Council 3; Intramurals 2,3.

TAYLOR, ALTON H.; Schenectady, N. Y., *Civil Engineering*—ASCE 3,4.

TAYLOR, KENNETH R.; Spencer, *Civil Engineering*—ASCE 3.

TAYLOR, MARY LOU; Des Moines, *Applied Art*—Pi Beta Phi; YWCA 1,2,3; Home Economics 1,2,3; WAA 1,2,3; *Iowa State Daily* 3.

TEATER, CHARLES W.; Centerville, *Industrial Economics*—Pi Kappa Alpha; Band 1; Mixed Chorus 1; Glee Club 1; Basketball 1; Student Properties Board 2; Veishea 2; Festival Chorus 3; Masons 3,4; G. E. Society 3; ISSIE; Centerville Junior College.

TEGROOTENHUIS, WILLIAM D.; Hospers, *Electrical Engineering*—AIEE-IRE 2,3,4; Ward Member 3,4; University of Kansas.

TELFORD, ANTON M.; Ames, *Chemical Engineering*—Tau Kappa Epsilon; AIChemE; Drake University.

TERRELL, M. JEAN; Des Moines, *Applied Art*—Home Economics Club 1,2; Women's Glee Club 3; Oak Hall, vice-president 4; Drake University.

THEIMER, JOHN J.; Cedar Falls, *Mechanical Engineering*—Phi Mu Alpha; ASME 3,4; Symphony Orchestra 1,2,3; Iowa State Teachers College.

THELANDER, ROBERT E.; Stromsburg, Nebr., *General Engineering*—G. E. Society 3,4; Festival Choir 2,3; University of Nebraska.

THEVENIN, RAMONA M.; Des Moines, *Textiles and Clothing*—Delta Zeta; YWCA 2,3,4; WAA 3; Home Economics Club 2,3,4; Drake.

THIEL, EVELYN K.; Freeport, Ill.; *Foods and Nutrition*—Alpha Gamma Delta, vice-president 4; Omicron Nu 3,4; Symphony Orchestra 1,2; Pledge Dance 2; Veishea 2; *Bomb* 2,3; WOI Workshop 3.

THOMAS, DOROTHY E.; Omaha, Nebr., *Home Economics Education*—Home Economics Club 3,4; YWCA 4; Veishea; Omaha University.

THOMAS, MARTIN T.; Sioux City, *General Engineering*—G. E. Society 3,4; Trinity College; Morningside College.

THOMAS, ROSALIE F.; Davenport, *Textiles and Clothing*—Kappa Kappa Gamma; Home Economics Club 1,2,3,4; YWCA 1,2,3.

THOMAS, WALTER I.; Arapahoe, Nebr., *Agronomy*—Alpha Zeta 3,4; Phi Mu Alpha 3,4; Agronomy Club 1,2,3,4, vice-president 4; Men's Glee Club 1,2,3,4, secretary-treasurer 4; Festival Chorus 1,2,3.

THOMPSON, ALAN M.; Des Moines, *Zoology*—Phi Mu Alpha 3,4; Swimming Team 2,3,4; Varsity "I" Club 3,4; Iowa State Players 1; Men's Glee Club 2,3,4; Festival Chorus 2,3,4; Iowa State Singers 4.

THOMPSON, DONALD H.; Belmond, *General Engineering*—Sigma Nu; G. E. Society 2,3,4; Ward System 1,2; Interfraternity Pledge Council 3; University of Kansas.

THOMPSON, PAUL L.; Blanchardville, Wis., *Veterinary Medicine—Veterinary Student*, treasurer 3,4; University of Wisconsin.

THOMPSON, THOMAS J.; Clarion, *Agronomy*—Agronomy Club 1,2,3,4; LSA 1,2,3,4.

THOMSEN, JAMES M.; Castana, *Agricultural Education*—Farm House; Block and Bridle Club 1; Agricultural Education Club 2,3,4, secretary 3; IFTA 3, secretary-treasurer; YMCA 2,3,4; Agriculture Council 3,4; Radio Workshop 3; *Agriculturist* 3.

THOMSON, ARTHUR E.; Castana, *General Engineering*—Phi Gamma Delta; YMCA 1,2,3; G. E. Society 3.

THONE, JAMES O.; Herman, Nebr., *Veterinary Medicine*—Jr. AVMA 1,2,3,4; *Veterinary Student* 4; Dana College.

TIDBALL, JOHN H.; Independence, *General Engineering*—Ward System; ASME 4.

TIFFANY, VERNON R.; Waterloo, *Electrical Engineering*—Adelante; AIEE 1,2,3; AIEE-IRE 4; YMCA 1,2; Camera Club 1,2; Stanford; University University of Cincinnati.

TILLIE, JOHN E.; Muscatine, *Veterinary Medicine—Veterinary Student* 2,3,4; AVAM 1,2,3,4.

TILP, PAUL J.; Gowrie, *Civil Engineering*—ASCE 2,3,4; Veishea 4.

TIMM, ROBERT J.; Council Bluffs, *Civil Engineering*—Washburn Municipal University.

TINKHAM, FRED R.; Omaha, Nebr., *Mechanical Engineering*—Sigma Alpha Epsilon; ASME 4; Veishea 3.

TIMKO, PAUL A.; Virden, Ill., *Forestry*—Forestry Club 2,3,4; Newman Club 2,3,4; Springfield Junior College; Michigan College of Mining and Technology.

TITUS, CHARLES K.; Des Moines, *Electrical Engineering*—AIEE 2,3; Band 3; Drake; University of Cincinnati.

TITUS, PAUL V.; Des Moines, *Aeronautical Engineering*—Theta Delta Chi, treasurer 2,3, president 4; IAeS 3,4; *Engineer* 3,4; Intrafraternity Council 4; Rutgers University.

TOLANDER, JOAN D.; Winfield, *Institution Management*—Home Economics Club; WAA; LSA.

TOMIZAWA, HENRY H.; San Francisco, Calif., *Chemistry*—Iowa Chemical Society 3,4; Colorado University.

TORGERSON, DOROTHY L.; Adams, Minn., *Home Economics Education*—YWCA 1,2,3,4; Home Economics Club 1,2,3,4; Glee Club 3,4; Chorus 1,2,3,4; University of Colorado.

TORGESON, DEWAYNE C.; Ambrose, N. D., *Botany*—Pi Kappa Alpha.

TOTTEN, DONALD R.; Clinton, *Mathematics*—Ward System 1,2,3,4.

TOWNE, ELIZABETH; Des Moines, *Home Management*—Pi Beta Phi; Home Economics Club 1,2,3,4; YWCA 1,2,3,4; Chorus 1; WAA 1,2,3; University of Michigan.

TRECKER, JOSEPH M.; Templeton, *Electrical Engineering*—

TRIPSES, DOROTHY A.; North English, *Home Economics Education*—Home Economics Club; YWCA; Festival Chorus; Glee Club.

TROUT, ROBERT E.; Eagle Grove, *Industrial Economics*—Phi Kappa Psi; ISSIE 1,2,3; Band 1,2; University of Arkansas.

TRUE, DOROTHY A.; Avoca, *Household Equipment*—Alpha Gamma Delta; Sigma Alpha Iota 3,4; YWCA; Concert Band 1,2,3,4; Home Economics Club 2,3,4; Home Economics Council 4; Westminster Fellowship Council.

TRUEBLOOD, ELLEN W.; Cedar Rapids, *Mathematics*—Alpha Gamma Delta; YWCA; Science Women's Club 1,2,4; League of Women Voters 2.

TRUEBLOOD, GERALD E.; Cedar Rapids, *Chemistry*—Delta Upsilon; AIChemE 3,4.

TSCHANTZ, JOHN W.; Omaha, Nebr., *General Engineering*—Acacia, vice-president 3; Knights of St. Patrick 4; Radio Workshop 1; G. E. Society 3,4; Debate 3,4; Veishea 3; Society American Military Engineers 4; United Nations Association, president 4; Engineering Council 4.

TURNER, EUGENE L. Rockwell City, *Mechanical Engineering*—University of Alabama.

TURNER, ROBERT I.; Odebolt, *Agronomy*—Alpha Phi Omega 2,3,4; Agronomy Club; Marching Band 1; Veishea 3,4.

TURRELL, GORDON L.; Collinsville, Texas, *Horticulture*—Delta Sigma Phi; Horticulture Club 3.

TUTTLE, DAVID C.; Newhall, *Agriculture*—Industrial Education Club, president, vice-president; YMCA.

UBAN, CHARLES J.; Waterloo, *Mechanical Engineering*—Wrestling;Iowa State Teachers College.

UHER, ROBERT F.; Calmar, *Electrical Engineering*—Rutgers University.

UNDERWOOD, CHARLES H.; Ringsted, *Agricultural Education*—Alpha Zeta 3,4; Scabbard and Blade 3,4; Cardinal Guild 4; Agricultural Education Club 1,2,3; Ward System 1,2; President of Student Body 4.

URTON, RUTHMARY; Belcourt, N. D., *Home Economics Education*—YWCA 1,2; WAA 1,2; Glee Club 1,3,4; Festival Chorus 1,2,3,4; Home Economics Club 1,2,3,4.

VAN ASSELT, HENRY JR.; Alton, *Electrical Engineering*—University of Illinois.

VANDENBROEK, CLARE V.; Sioux City, *Civil Engineering*—ASCE; Morningside College.

VANDERKAMP, RALPR P.; Lynnville, *Industrial Education*—Industrial Education Club 2,3,4; Illinois State Normal University.

VANDEVENTER, BLAINE F.; Council Bluffs, *General Engineering*—SSIME 3,4; Winter Sports Club 3; Intramurals.

VANCE, PAUL C.; Ames, *Psychology*—Psi Chi 3,4, president 4; Sociology Club 3,4, vice-president; *Green Gander* 3,4.

VAN EPPS, WILLIAM B.; Newton, *Chemistry*—

VAN NESS, JAMES E.; Boone, *Electrical Engineering*—Phi Eta Sigma 2; Eta Kappa Nu 3,4; Tau Beta Pi 3,4; AIEE 3,4; Festival Chorus 3,4; Glee Club 4; Iowa State Singers 4; Boone Junior College.

VAN NIMWEGEN, JOHN E.; Eagle Grove, *Electrical Engineering*—Ward System 3; Eagle Grove Junior College.

VAN ROEKEL, E. PAUL; Ames, *General Engineering*—

VAN ROEKEL, ROBERT J.; Pella, *Architectural Engineering*—Glee Club 2,3; Band 1; Roger Williams Club 1,2,3,4; Texas A&M.

VARLAND, WALTER B.; Ames, *Mechanical Engineering*—ASME 3,4.

VAUGHAN, FRANCIS G.; Ogden, *Civil Engineering*—ASCE 3,4; Band 1.

VEATCH, B. LAVONNE; Webster City, *Home Management*—Alpha Gamma Delta; Home Economics Club 1,2,3,4; YWCA 1,2,3,4; Twisters 2,3,4.

VER PLOEG, STANLEY C.; Pella, *Architectural Engineering*—AIA; Tau Beta Pi; Tau Sigma Delta; Central College and University of Dubuque.

VERY, RUTH M.; Manoan, N. D., *Related Science*—ASChemE 3,4; *Iowa State Daily* 1; Science Women's Club 1,2,3,4; Veishea 3; *Green Gander* 2; Festival Chorus 3,4.

VOGEL, WILLIAM E.; Waterloo, *Civil Engineering*—ASCE 3,4; Iowa State Teachers College.

VOHS, ROBERT L.; Holstein, *Animal Husbandry*—Block and Bridle 3,4.

VOILAND, ROBERT H.; Sioux City, *Civil Engineering*—Sigma Nu, president 4; ASCE 2,3,4; Band 1; Swarthmore College.

VONDRASEK, FRANK C.; Uehling, Nebr., *Electrical Engineering*—AIEE 3,4; Scabbard and Blade 3,4; Veishea 2,3; Omaha University.

VRY, DONALD C.; Park Rapids, Minn., *Mechanical Engineering*—ASME; Senolcyc Council; Yel-Jax.

WAGNER, DOUGLAS E.; Omaha, Nebr., *Industrial Education*—Scabbard and Blade 2,3,4; Men's Glee Club 1; Industrial Education Club 2,3; Doane College.

WAGNER, RICHARD F.; East Moline, Ill., *Mechanical Engineering*—St. Ambrose College.

WAINRIGHT, HARVEY W.; Sterling, Ill., *Electrical Engineering*—AIEE; University of Illinois.

WAKELEY, TENDON; New Orleans, La., *Aeronautical Engineering*—Alpha Chi Rho, secretary 3; IAeS 1,3,4; Varsity Rifle Team 4.

WALLERSTEDT, W. KENNETH; Des Moines, *Architecture*—Tau Sigma Delta 3,4,5, secretary 4; AIA 2,3,4,5; ROTC 1; University of Iowa.

WALLIN, ROBERT E.; Farragut, *Agricultural Engineering*—

WALKER, DAVID G.; Monticello, *Agricultural Economics*—Cardinal Guild 3,4; Ward System 1,2,3,4; Men's Glee Club; Festival Chorus 1,2; Marching Band 1,2; Agricultural Economics Club 1,2,3,4; Veishea 1; NISA 2,3,4; Minewanke Group 1,2,3,4; Westminster Fellowship 1,2,3,4.

WALRATH, RAY M.; Ames, *Chemical Technology*—Alpha Phi Omega, vice-president 2; Pammel Court Council 2,4.

WALSTAD, WILLMER L.; Platte, S. D., *General Engineering*—G. E. Society 3,4; Intramurals 1,2,3,4.

WALTERS, MARY L.; Storm Lake, *Institution Management*—YWCA 1,2,3,4; Home Economics Club 1,2,3,4; WAA 1.

WALTERS, ROBERT E.; Anthon, *Agricultural Education*—YMCA, president 4; Alpha Zeta 3,4; Cardinal Key 3,4; Veishea 3.

WALTZ, EDWARD G.; Creston, *Chemical Engineering*—Kappa Sigma, treasurer 3,4; Intramurals.

WALTZ, RICHARD L.; Kansas City, Kan., *Mechanical Engineering*—Alpha Chi Rho, president 4; Phi Mu Alpha; Pi Tau Sigma 4; Knights of St. Patrick 4; Band 1,2,3,4, president 4; Orchestra 2,3,4; Homecoming 3; Interfaith Council 3.

WARD, KENNETH G.; Austin, Minn., *Mechanical Engineering*—Pi Tau Sigma 3,4; ASME 3,4, secretary 3.

WARNERS, ROBERT F.; Ames, *Mechanical Engineering*—ASME; General Motors Technology; University of Dayton.

WASSOM, CLYDE E.; Laurens, *Genetetics*—YMCA 1; Band 1,2,3; Orchestra 1,2,3,4; University of Connecticut.

WATERS, WILLIAM B.; Charles City, *Veterinary Medicine*—

WATEROUS, DONNA L.; St. Paul, Minn., *Home Economics Education*—Pi Beta Phi; YWCA 1,2; Home Economics Club; WAA 1,2,3,4; "I" Fraternity 3,4; Women's Intramural Board 3,4, president 4.

WATTS, DOROTHY L.; Salem, *Institution Management*—Delta Zeta; Sigma Eta Chi 1,2,3; Home Economics Club 2,3,4; WAA 2,3.

WATTS, HOWARD E.; Hepburn, *General Engineering*—Clarinda Junior College; North West State Teachers College.

WATTS, RUSSELL V.; Hepburn, *Agricultural Education*—Agricultural Education Club 2,3,4.

WEBBER, FRANK T.; Omaha, Nebr., *Industrial Education*—Industrial Education Club 2,3,4; Veishea 2,3; University of Omaha.

WEBSTER, RICHARD D.; Hastings, Nebr., *Electrical Engineering*—Hastings College.

WEISHAAR, DONALD G.; Ft. Dodge, *Physical Education*—Physical Education Majors Club 4; Fort Dodge Junior College; Creighton University.

WEIST, W. ROBERT; Omaha, Nebr., *Electrical Engineering*—AIEE 4; Eta Kappa Nu 4; Ward System 1,2,3,4; Newman Club 1,2,-3,4.

WELCHER, JOHN P.; Fontanelle, *Electrical Engineering*—AIEE-IRE 2,3,4; Creighton University.

WENDLING, JOHN D.; Independence, *Animal Husbandry*—Pi Kappa Alpha; Block and Bridle Club 2,3,4; Newman Club 2,3,4; Independence Junior College.

WENGER, ROBERT F.; Elgin, *General Engineering*—Intramurals 1,2,3,4; Advanced ROTC Program 3,4; MRA 3,4; Veishea 4; University of Iowa; Biarritz University, France; Syracuse University.

WERTH, WILLARD J.; Underhill, Wis., *Agriculture Education*—Agriculture Education Club.

WERTS, DONALD E.; Russell, *Physics*—MRA Cabinet 3; Pearson House, president 4.

WERTS, WAYNE E.; Russell, *Mechanical Engineering*—ASME 4; Creighton University.

WESTCOT, JAMES L.; Cedar Rapids, *Electrical Engineering*—Tau Kappa Epsilon, secretary 3,4; Eta Kappa Nu; Phi Mu Alpha; AIEE-IRE; Marching Band 1,2,3,4; Symphony Orchestra 1,2,3,4; Student Pep Band 2; Veishea 2; Concert Band 1,2,3,4.

WESTERVELT, DEAN C.; Elmira, N. Y.; *Chemical Engineering*—Alpha Chi Sigma; Cornell University.

WHADE, ENID E.; Linn Grove, *Home Economics Education*—Home Economics Club 3,4; Debaters 3,4; Campus 4-H Club 3,4; Buena Vista College.

WHALEN, RUSSELL G.; Butler, Ill., *Dairy Industry*—Alpha Zeta 3,4; "I" Club 3,4; Dairy Industry Club 2,3,4; Football.

WHALEY, DAVID W.; Des Moines, *Chemical Technology*—Iowa Chemical Society, vice-president 3, Drake University; Louisiana State University.

WHEAT, JOSEPH G.; Humboldt, *Forestry*—Forestry Club 3,4.

WHEELOCK, THOMAS D.; Missouri Valley, *Chemical Engineering*—Tau Beta Pi 4; Alpha Chi Sigma 4; AIChemE 3,4; Ward System 3,4; Southeast Missouri State Teachers College; University of California.

WHINERY, LAWRENCE A.; Union, *Mechanical Engineering*—Pi Tau Sigma 2; ASME 2.

WHIPPLE, CARL M.; Batavia, *Agricultural Education*—Farm-House; Agricultural Education Club 1,2,3,4, secretary 1; 4-H Club 2,3.

WHITCOMB, OLIVER W.; St. Paul, Minn., *Veterinary Medicine*—Sigma Phi Epsilon; Cardinal Guild 2,3,4; Jr. AVMA 1,2,3,4; Veterinary Ball 3; Intramurals 3,4; Creighton University.

WHITEHOUSE, JOHN F.; Le Mars, *Industrial Economics*—Jefferson College.

WHITEMAN, PHILLIP K.; Ft. Madison, *Civil Engineering*—Lambda Chi Alpha; ASCE 3,4; Coe College; Indiana University.

WHITNEY, HERSHEL B.; Kearney, Nebr., *Chemical Engineering*—AIChemE; Phi Lambda Upsilon; Phi Eta Sigma; Kearney State Teachers College.

WIECK, MARY E.; Traer, *Home Economics Education*—Home Economics Club 1,2,3,4; YWCA 1,2,3,4; Veishea 2,3; Homecoming 4; Junior Prom 3.

WIERSIG, DONALD O.; Colby, Wis., *Veterinary Medicine*—Tau Kappa Epsilon; AVMA, treasurer 2; Phi Zeta; *Veterinary Student* 2,3,4; Festival Chorus 2; Central State Teachers College.

WIGSTONE, JAMES E.; Stanton, *Mechanical Engineering*—ASME 4; University of California of Los Angeles.

WICKS, WALLACE W.; Primrose, Nebr., *Forestry*—Delta Chi, secretary 3; Forestry Club 2,3,4; *Agriculturist* 4; Pershing Rifles 2; University of Nebraska.

WIGHT, ROBERT K.; Henderson, *Dairy Industry*—Adelante, treasurer 3, vice-president 4; Dairy Industry Club 1,2,3,4.

WILCOX, LYLE W.; Klemme, *Animal Husbandry*—Block and Bridle.

WILD, BETTY J.; Freeport, Ill., *Home Management*—Home Economics Club 1,2,3,4; Roger Williams Club 1,2,3,4.

WILDEMUTH, ROBERT E.; Annawan, Ill., *Agricultural Education*—Agricultural Education Club 1,2,3,4; Roger Williams Club 1,2,3,4.

WILKINSON, DEAN R.; De Witt, *Animal Husbandry*—Delta Tau Delta; Block and Bridle 2,3; Band 1,2; University of Iowa.

WILLARDSON, FRED W.; Ft. Dodge, *Electrical Engineering*—AIEE-IRE.

WILLASSON, DONALD E.; Algona, *Forestry*—Forestry Club 1,2,4; Santa Clara University.

WILLIAMS, CLIFTON T.; Sioux City, *General Engineering*—Sigma Alpha Epsilon; G. E. Society 3,4; *Engineer* 1,2,3,4; *Bomb* 2,3; College Cossacks 1; Veishea 3; Engineers Carnival 3,4; Engineers Ball 3; Senior Prom 3; Morningside College; Gonzaga University; Whitman Colleg.

WILLIAMS, JAMES R.; Des Moines, *Mechanical Engineering*—ASME 3,4.

WILLIAMS, PAUL W.; Des Moines, *Mechanical Engineering*—

WILLIAMS, RICHARD C.; Eagle Grove, *Veterinary Medicine*—Pi Kappa Alpha; Jr. AVMA 1,2,3,4; vice-president 4; Veishea 2; Wrestling 1.

WILLIAMS, RUTH E.; Cleveland, Ohio, *Instution Management*—Sigma Kappa; Home Economics Club 1,2,3,4; YWCA 1,2,3,4; WAA 3.

WILLER, WENDELL D.; Tipton, *Animal Husbandry*—Phi Delta Theta; Agricultural Council; Dairy Judging Team; Livestock Judging Team; Varsity "I" Club; Football.

WILLING, JOHN A.; Northwood, *General Engineering*—Concert Band; Intramurals 1,2,3,4; Veishea; G. E. Society; University of Iowa.

WILLIS, MARILOU; Des Moines, *Home Economics Education*—Pi Beta Phi, treasurer 3,4; Phi Upsilon Omicron, president 3,4; Mortar Board 4; Inter-Sorority Pledge Formal; Home Economics Club; WAA; Women's "I" Fraternity 3,4, secretary 3; Joint Education Council 4; Veishea; *Bomb;* Home Economics Ball.

WILLRICH, TED L.; Dexter, *Agricultural Engineering*—Ward System; ASAE 3,; Iowa State Pontoniers; Veishea 3; Engineers Carnival 3; Glee Club 4; North Dakota Agricultural College.

WILSON, RICHARD G.; Sioux City, *Civil Engineering*—Acacia, president 4; Interfraternity Council 3; *Engineer;* Veishea 2,3; University of Dubuque; Morningside College.

WILSON, SANFORD B.; St. Croix Falls, Wis., *Veterinary Medicine*—Sigma Phi Epsilon; Phi Zeta 3,4; Jr. AVMA 1,2,3,4; Medicine Ball 2,3; Wisconsin University.

WILSON, WILLIAM W.; Des Moines, *Architectural Engineering*—Phi Mu Alpha; AIA; Glee Club 3,4; Cornell College.

WILTGEN, LAWRENCE F.; Chicago, Ill., *Mechanical Engineering*—ASME; Illinois Institute of Technology.

WIND, ALLAN V.; Clear Lake, *Civil Engineering*—Phi Kappa Psi; ASCE 2,3,4; Mason City Junior College; University of Nebraska.

WINDHEIM, LEE S.; Omaha, Nebraska, *Architectural Engineering*—Tau Sigma Delta 3,4,5; Delta Sigma Rho 2,3,4,5, president 5; Iowa State Debaters 2,3,4,5, president 2; AIA 2,3,4,5; Veishea; Debate "I" Award 2,3,4,5; Omaha University.

WINFREY, VERNON L.; Des Moines, *Chemical Engineering*—Alpha Chi Rho; Varsity "I" Club 3,4; AIChemE 4; Baseball 3,4; Football 1,2; 630 Club 3; *Iowa State Daily* 1,2,3,4; Social Bureau 3; Veishea 1,2,3; Naval Reserve 2,3,4; Veteran's Co-op 4; Interfraternity Pledge Trainers' Council 3; Engineers Carnival 2,3; Illinois State Normal.

WINGER, CLIFFORD; Ottumwa, *General Engineering*—University of Iowa; University of Arizona.

WINSOR, DONALD L.; Vinton, *Electrical Engineering*—Eta Kappa Nu 4; NROTC 1,2,3,4; University of Dubuque.

WINTERS, ROBERT L.; Omaha, Nebr., *Chemical Engineering*—Creighton University.

WISSLER, VIRGINIA B.; Odebolt, *Textiles and Clothing*—

WITT, LAVERNE E.; Sidney, Mont., *Veterinary Medicine*—AVMA 1,2,3,4; Intramurals 1,2; *Veterinary Student* 4; University of Wisconsin.

WIXSON, CAROLYN A.; Des Moines, *Institution Management*—Alpha Delta Pi; Mixed Chorus 1,2; WAA 3; *Green Gander* 2; Home Economics Club 1,2,3,4; YWCA 3,4; Newman Club 1,2,3,4; Winter Sports Club 2; League of Women Voters 4.

WOJAHN, KENNETH E.; LaCrosse, Wis., *Forestry*—Forestry Club; LaCrosse State Teachers College.

WOLD, HARRISON E.; St. Olaf, *Mechanical Engineering*—

WOLF, FIDELES M.; Osage, *Civil Engineering*—ASCE 2,3,4; Ward System 2,3,4; Pomona College.

WOLFF, JEAN M.; Chisholm, Minn., *Child Development*—Newman Club 1,3; Hibbing Junior College.

WOOLLARD, ROBERT F.; Marshalltown, *Mechanical Engineering*—Veishea 3; Oklahoma A&M.

WOLLE, JACK I.; Ames, *Landscape Architecture*—SSLA; Dairy Industry Club; Intramurals.

WOOD, DOYLE A.; Ottumwa, *Electrical Engineering*—AIEE-IRE 3,4; Centerville Junior College.

WOOD, LUCIEN S.; Fonda, *General Engineering*—Sigma Alpha Epsilon.

WOODBURN, WILLIAM M.; Des Moines, *Architecural Engineering*—Theta Delta Chi; AIA 2,3,4; Cornell University; Cornell College.

WOODWARD, GUY E.; Altoona, *Agricultural Engineering*—Phi Kappa Tau; ASAE 3,4; Joint Social Council 3.

WOODY, WILLIAM E.; Winterset, *Chemical Engineering*—Sigma Chi; New Mexico School of Mines.

WOOFF, SHIRLEY L.; Jessup, *Child Development*—Sigma Kappa; WAA; Home Economics Club; YWCA.

WORM, JENS; Scotia, N. Y., *Industrial Education*—

WORTH, JERRY J.; New York, N. Y., *Civil Engineering*—ASCE 2; Tau Lambda Rho 1; Football 1.

WORTH, ROBERT B.; Monroe, *Electrical Engineering*—AIEE.

WRIGHT, HARVEY W.; Dubuque, *Ceramic Engineering*—American Ceramic Society, president; Tau Beta Pi 3,4; Keramos 3,4; Intramurals 1,2,3,4; Veishea 3,4; Loras.

WRIGHT, WILLIAM E.; Emmetsburg, *Mechanical Engineering*—ASME; Pi Tau Sigma; Tau Beta Pi.

YANCEY, MERRITT M.; Charles City, *Mechanical Engineering*—ASME 3,4; Campus Radio Club 1,2,3; Veishea 4.

YARGER, WRAY L.; Massena, *General Engineering*—G. E. Society 3,4.

YEGGE, LAWRENCE R.; Boone, *Civil Engineering*—ASCE; Duke University.

YOERGER, ROGER R.; Merrill, *Agricultural Engineering*—Intramurals 1,2; Ward System 1,2,3,4; ASAE 2,3,4.

YOUNG, BARBARA J.; Osage, *Psychology*—Debate Club 2,3,4, secretary 2; Science Women's Club 1,2,3,4; Psi Chi 4; Dormitory Formal 2; Joint Social Council 2.

YOUNG, EUGENE E.; Des Moines, *Mechanical Engineering*—ASME 3,4; Ward System 1,2,3,4.

YOUNG, FREDERICK C.; Des Moines, *Technical Journalism*—Sigma Delta Chi, secretary 4; Veishea 3; *Iowa State Daily* 2,3,4; *Sketch* 3; *Green Gander* 3,4; Journalism Club, vice-president 4.

YOUNG, RAYMOND J.; Mason City, *Mechanical Engineering*—Sigma Nu; Intramurals 1,2,3,4.

YOUNG, ROGER E.; Dubuque, *Architectural Engineering*—Delta Chi; Tau Sigma Delta 3,4; *Engineer* 3,4; *Green Gander* 3,4; University of Dubuque.

YUNGCLAS, BRUCE A.; Webster City, *Farm Operation*—Sigma Phi Epsilon; Campus 4-H Club, vice-president 2,3; Yel-Jax 2,3,4, vice-president 4; Webster City Junior College.

YUSKA, ALVIN F.; Hudson, *Animal Husbandry*—Block and Bridle Club; Iowa State Teachers College; Central College.

ZACK, ROBERT N.; Knoxville, *Civil Engineering*—Alpha Tau Omega; ASCE 2,3,4; University of Maine.

ZAFFLE, JOHN A.; Ottumwa, *Civil Enginering*—ASCE 3,4.

ZARUB, PRISCILLA; Ames, *Child Development*—Tau Gamma, treasurer 2; Home Economics Club 4; Glee Club 3,4; Hunter College.

ZEIGLER, CAROLYN G.; Bartlesville, Oklahoma, *Dietetics*—Sigma Kappa; Home Economics Club 1,2,3,4; YWCA 1,2,3,4; Oak Hall, vice-president 2,3; Dormitory Advisory Council 2,3; Dormitory Formal, secretary-treasurer 3; Wesley Foundation 1,2.

ZELNIO, WALTER; Moline, Ill., *Electrical Engineering*—Alliance College.

ZIMMERMAN, NATHALIA; Ellswort, *Foods and Nutrition*—Marching Band 2; Omicron Nu 4.

ZORN, JAMES B.; Humboldt, *Chemical Engineering*—AIChemE 2,3,4; Ward System 1,2,3,4.

ZUMBRUNNEN, ROBERT B.; Ames, *Electrical Engineering*—AIEE-IRE 2,3; Veishea 2; Kansas State College; Sacramento Junior College; Stanford University.

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