

—Semester Averages In One Week?—

## Student Council Will Work To Get Grades Out Sooner

Student Council yesterday unanimously passed a motion by Glenn Korff calling for the Council to work with the Faculty Senate and Administration in shortening the length of time required for students to receive their grades after the end of a semester.

Korff, in the discussion following the motion, said that he has conferred with Vice

Chancellor G. Robert Ross, dean of Student Affairs and Dr. Floyd Hoover, registrar, to determine what bottlenecks in the present procedure cause the week span between the end of final exams and release of the grades to the students.

The most serious problems in this area, said Korff, are the failure of many teachers

to submit their grade rosters to the registrar's office within the specified five day period following finals.

He explained that, by using a different type of class card, which contains a slot for each grade that could be filled in with a pencil similar to the type used in machine-corrected tests would, with no expense or addition to the University's present IBM equip-

ment, allow students to receive their grades within a week after the end of a semester.

The present system, Korff said, creates a number of problems for students who need to know a course grade before registering for a course following in the sequence, organization initiations and students who do not know whether they will be scholastically eligible to continue in the University until they receive their average.

He added that, after 11 day some instructors have not yet turned in their grade rosters.

In other new business, Susie Pierce presented a motion containing numerous changes in the election by-laws. The motion was seconded by Ann Wahl, and, under Council procedure, it will be discussed and voted upon at next week's meeting.

Jim Baer, chairman of the representation committee, announced that his committee and its associates will conduct a poll on student opinion concerning the present system of representation.

The poll, designed to contact about 500 students, will be conducted by telephone and personal interview. The associates will ask for student reaction to representation, explaining the present system if the interviewee is not familiar with it.

Parking committee chair-

man Gary Oye announced that the parking appeals board will meet at 7 p.m. on Thursdays in the future. He said that University Police have been instructed to make appropriate notation on a meter ticket if the offender returns while the officer is writing the ticket.

The ticket must be turned in to the office of the University Police, said Oye.

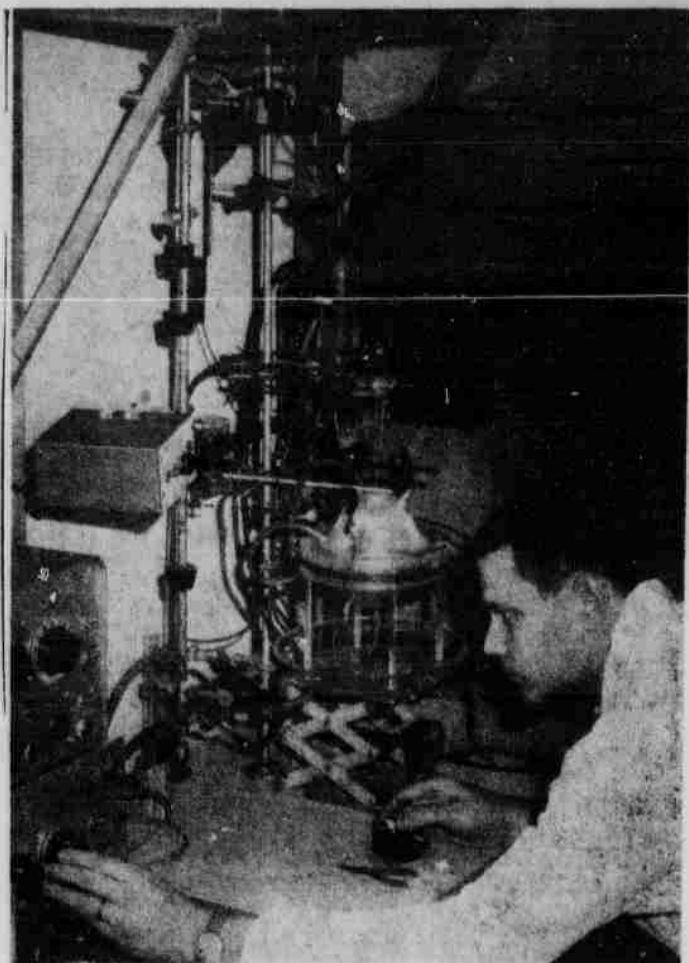
The police may either waive the fine or refer the matter to the parking appeals board.

Susie Pierce, chairman of the election committee, announced that organizational representatives must be elected before March 27. Filings for the general elections will be on Apr. 6.

The Peace Corps placement test will be given at 9 a.m. Saturday.

The council is working with representatives of the Iowa State Student Council on the possibility of arranging chartered flights to Europe for Big Eight students during the summer vacation. President Denny Christie emphasized that no tours would be involved and the students would be on their own when they arrive in Europe.

He said that they would have their choice of several planes leaving and returning to New York and that the plan would represent a savings of about \$200 on a round trip.



A NEW WAY—Dr. Robert Stratbucker (above) and Dr. Clyde Hyde have developed an electric method of analyzing heart activity.

## NU Researchers Discover Heart Measuring Method

A new method of measuring and recording heart activity without wire attachment to the body has been developed by three University of Nebraska biomedical-electronic researchers.

Given the name Magnetocardiography (MCG) the new approach has proved highly reliable in measuring the magnetic field associated with the heartbeats of guinea pigs and turtles.

The new technique was discovered by Dr. Clyde Hyde, professor of electrical engineering and department chairman; Dr. Robert Stratbucker, M.D., and assistant professor of physiology and pharmacology; and Steven Wixson, a graduate student.

They have shown, through correlation with the use of computers, that their early experimental technique compares in reliability with the electrocardiogram (ECG) in the measurement of heart rate and rhythm and certain characteristics of conduction, injury, and heart size. Experiments with refined equipment are continuing to determine whether MCG is capable of showing heart activity not generally revealed by the conventional ECG.

The two systems differ in that the MCG senses and records only the fluxing or cycling magnetic field which accompanies the heartbeat, whereas the ECG senses only the electrical currents produced by the heart muscle tissue. The MCG method, unlike that of the electrogram, does not require the use of direct wire attachment to the skin. Therefore, the researchers believe that perfected equipment may some day make it possible to give large numbers of persons heart checks in much the same way they are given chest X-rays.

Dr. Hyde said he could envision a device in the future that might fit around the human chest and which could be moved easily in a van.

The working principle involved in the use of MCG requires that the heart be somehow surrounded by a special shield to eliminate stray magnetic fields such as those from power lines and the earth's stationary field. Dr. Stratbucker explained that the successful use of this principle is similar to that used by watchmakers to make their products antimagnetic.

The initial contribution of the physician and the engineer in the search for a workable MCG came several months ago when they showed that the electromagnetic field associated with the self-triggering action of the heart was strong enough to measure.

The groundwork for this discovery and the continued biomedical-electronic research is made possible through the close cooperation between the department of Electrical Engineering and the College of Medicine, who shared equally the work for this recent development.

The University of Nebraska is the only school working on a project of this kind using this principle.

## IFC Sets Spring Rush Week; Sessions Start February 29

By John Lonnquist

The first spring rush week to be held on the University campus will be conducted this year. The IFC last night approved a schedule for the week which will run from February 29 to March 7.

The purpose of the spring rush week is to allow those men who did not participate in fall rush to pledge a fraternity, according to Tom Schwenke, vice president.

Participation in the activities of the week is open to all male students whose accumulative average is 5.0 or better.

Orientation sessions will be held on Feb. 29 and March 4. The men will visit ten fraternities of their choice on March 6, and then will return to three of them on March 7. That evening, they will pledge.

No rushee will be allowed to wear a pledge pin until after 7 p.m. March 7. He will not be bound to any fratern-

nity, nor will he be recognized by the IFC as a pledge until after that time.

There will be no organized program for taking the rushees around to the fraternities as in the fall. The men are responsible for meeting and terminating their own party dates.

The fee for participation in spring rush will be \$6.

The cost of the week includes dinner March 6, a lunch and dinner March 7. The meals will be served in Union 234-235. These rooms will be the headquarters for the entire week.

The registration and fee payment must be completed in the IFC office, Union 330 by 5 p.m. March 4.

All rushees will stay at their present places of residence during the rush period. Except for bonafide party times, the rushee may not be in the fraternity house, and may only be contacted by phone. All University regulations pertaining to conduct will be observed. Anyone failing to comply with these or with any of the IFC's rules will be subject to expulsion from rush week.

Any man who fails to go through rush week, fails to pledge by 6 p.m. March 8, or who breaks a pledge at any time, must wait until April 6 to formally pledge any fraternity.

In other business, the IFC members heard Howard Brady, business manager of

### Miller Scholarships To Be Awarded

Students interested in the Donald Walter Miller scholarships must submit applications to their respective college deans by March 1.

A total of three or four \$1,000 Miller scholarships will be awarded for the 1964-65 school year. Sophomores or above who are registered in any college of the University, including Graduate College and the professional colleges, are eligible to apply for the scholarships.

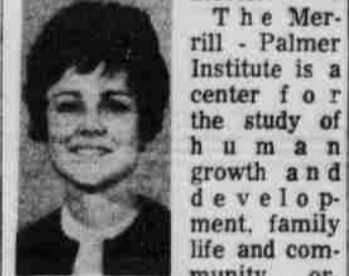
Westminster Presbyterian Church, present a program for house moves to church on Sundays. His church, according to Brady, would provide a bus to take fraternity and sorority members to church. Each fraternity and sorority would be given a chance to choose a particular Sunday when it would like to go to church as a body. The bus would be made available to them on that date.

Next week elections for the three standing committees of affairs, rush and public relations will be held. Those nominated for these positions up to this time are Jerry Krotter, Phi Gamma Delta, affairs; Bill Mowbray, Sigma Nu, and Chuck Clement, Alpha Tau Omega, rush; and Mike Barton, Phi Kappa Psi, public relations.

Appointed chairman of the expansion committee was John Lonnquist, Beta Theta Pi. His committee will consist of fraternity alumni and senior advisors.

### Coed Will Study At Detroit Institute

Carol Kramer, former University student has been admitted at the Merrill-Palmer Institute, Detroit, Mich., for study during the current semester.



The Merrill-Palmer Institute is a center for the study of human growth and development, family life and community organization. It offers comprehensive programs of teaching, research and community service.

Selected undergraduate students in sociology, home economics, psychology, education and related fields, from 65 colleges and universities throughout the country, spend a quarter or a semester studying at the Merrill-Palmer Institute during their junior or senior years.

## University Will Host Intercollegiate Debate

College students from 33 schools in ten states will participate in the University of Nebraska Intercollegiate Debate Conference Thursday through Saturday.

The conference, directed by Dr. Donald Olson and Dr. John Petelle, will include junior and senior divisions in debate.

There will also be a division in original oratory, extemporaneous speaking, and interpretive reading.

Registration begins at 4:30 p.m. Thursday at the Temple Building.

The debate question will be "Resolved: That the federal government should guarantee an opportunity for higher education for all qualified high school graduates."

Eighty-five teams will debate both sides of the question in six preliminary rounds, quarter-finals, semi-finals, and a final round.

Certificates will be awarded to each participant receiving a superior rating in any of the events. In addition, a sweepstakes award will go to the school that does the best overall job.

Nebraskan debaters are from Creighton University, Doane College, Kearney State College, Nebraska Wesleyan University, Midland College,

the University of Nebraska, the University of Omaha, and Wayne State College.

### AWS Sets Selections

Interviews for Associated Women Students (AWS) board members will be held Saturday at 9 a.m. Students chosen by the senior board members will run in the all women's elections March 11, for board positions.

Freshman, sophomore and junior girls may apply if they have a 5.7 average. Applications may be picked up in the AWS office and must be returned by 5 p.m. Friday.

## Committee To Conduct Contests

The English department plans to administer three literary competitions this spring including the Academy of American Poets award, the Ione Gardner Noyes awards, and the Prairie Schooner Fiction awards.

The Poets award, being offered for the second consecutive year, is available to both graduate and undergraduate students, and will be presented to the writer of the best group of poems submitted.

The University is one of 30 colleges and universities in America selected for participation in this event.

The Noyes awards are of \$50 and \$25. Offered for the eleventh year, the competition is open to undergraduates only.

Prairie Schooner awards of

\$50, \$30 and \$20, made possible through a fund initiated by Mari Sandoz, noted Nebraska author, will be offered for short stories written by either graduate or undergraduate students in the university.

In charge of these events is

## Coed Follies Will Present 'Life, Liberty, Leap Year'

Associated Women Students (AWS) will present "Life, Liberty and Leap Year" for its 1964 Coed Follies program to be held at Pershing Municipal Auditorium at 8 p.m. Feb. 28.

Skits, sororities and skitmasters participating in this year's Follies are "Baubles, Bangles and Billboards", Gamma Phi Beta, Karen Pfisterer; "The Lady is Luce", Chi Oega, Anne Swanson; "Phi Folklore", Alpha Phi, Judy Birney; "The Abscondable Snowman", Kappa Kappa Gamma, Cordy Seward; "Black, White and Read All Over", Pi Beta Phi, Linda Goth; and "The Status Seekers", Kappa Alpha Theta, Shirley Voss.

Traveler's Acts to be presented are "Crow Bait", Chi Omega, Kay Christiansen, skitmaster; "My Fair Lady", Alpha Omicron Pi, Mary Ann Griffiths, skitmaster; "Cockroaches", Alpha Chi Omega, Diane Steffenson, skitmaster; and "To the Blues", Alpha Chi Omega, Jean Groteiuschen, skitmaster.

The Ideal Nebraska Coed and the Outstanding Collegiate Man will be revealed during the evening.

Coed Follies chairman is Bonnie Knudsen.

### Architectural Students Get New Scholarship

A \$300 yearly scholarship for architectural students has been established by the Nebraska Bureau for Lath and Plaster, Inc., through the University Foundation.

The scholarship will be awarded each year to a fifth-year student on the basis of character, leadership, academic accomplishments and financial need.

The recipient will be selected by the architectural scholarship committee.



PHOTO BY DENNIS DUFFRAIN

## HOW NOW BROWN BUFFALO?

IS THIS COW SACRED? — No, but as students rush through Morrill Hall on their way to class on a cold winter morning, they will probably miss this Cape Buffalo. However it is one of more than two million exhibits in the State Museum which attracts visitors from all over the world each year.

### Discuss Adding Wildlife Course

The possibilities of making wildlife management a course of study was explored by a joint student-faculty discussion group Tuesday night at the Nebraska Center.

Interest in the wildlife course has been generated by the Wildlife Club on ag campus.

Vice Chancellor Adam Breckinridge, dean of Faculties, answered student questions about the idea. Mel Steen, director of the State Game Commission, and Dr. Franklin Eldridge, dean of Residential Institutions were present. Dr. Arthur Ward, director of Adult Education at the Center moderated the discussion.

Discussion topics were the chance of creating a school of natural resources and the use of specialized Game Commission employees as instructors in the program.

### Quiz Bowl

Scoreboard

Beta Theta Pi 11, 120, 71 Beta Phi 10.

Kappa Sigma, 125, vs. Phi Delta Theta, 20.

Sigma Alpha Epsilon, 125 vs. Alpha Gamma Sigma, 36.

Hesperus Hall, 142, vs. Farm House, 56.