



## Huskers Top Tigers, 74-69

NEBRASKA UPSETS MISSOURI — Huskers Coley Webb and Bob Antulov jump high for a rebound while Charlie Jones looks on Saturday night at the Coliseum. See sports page for details of NU's second Big 8 victory, a 74-69 triumph over the Tigers.

## First Q-Bowl Match Set For Wednesday

The first Quiz Bowl competition begins Wednesday night at 7:30 between Kappa Alpha Theta II and "The Outcasts of Campus Flat" from Selleck Quadrangle.

All team captains are required to be at this meet. Team members are asked to be present, also, since all essential information will be given. Everyone is invited to attend.

Matches will be held every Wednesday night in the New Party room of the Student Union. The following is a schedule of the preliminary meets:

January 15: Kappa Alpha Theta II vs. "The Outcasts of Campus Flat."

January 22: Pi Beta Phi I vs Pharmacy College; Theta Xi vs. Phi Gamma Delta; Beta Theta Pi pledges II vs. Theta Chi I; and Delta Tau Delta I vs. Delta Sigma Phi.

February 12: WLR's vs. Pi Beta Phi III; Sigma Alpha Mu vs. Alpha Phi; IF's vs. Sigma Chi; and Kappa Alpha Theta I vs Phi Kappa Psi II.

February 19: Pi Beta Phi vs. Beta Theta Pi II; Phi Delta Theta vs. Kappa Sigma; Sigma Alpha Epsilon vs. Alpha Gamma Sigma; and FarmHouse A vs. Heppner Hall.

February 26: Sigma Phi Epsilon vs. Pi Beta Phi IV; Sigma Nu vs Kappa Kappa Gamma; Delta Tau Delta II vs. Beta Theta Pi I; Phi Gamma Delta II vs. Manatt.

By April 15 the 39 teams in the preliminaries will be narrowed down to 20 semi-finalists. Ten finalists will be chosen by April 29. Final elimination will be May 6 when five winning teams will be decided.

The three winning teams will receive trophies for first, second, and third place according to their scores.

Moderators for all the meets will be Albert Book, head of the advertising department of the Journalism School, and Dr. Donald Olson, the coach of the Debate Team. They will alternate as moderators.

Competing for Kappa Alpha Theta on the January 15 meet will be Jane Crabill, Maureen Frolik, James McCall, and JoAnn Strateman.

"The Outcasts of Campus Flat" will be Bob Cherny, Dave Kittams, Jerry Patrick, and Ron Rogowski.

## Machine Sees Increased Use—

# Computers Aiding Research, Teaching

The use of electronic computers in teaching and research at the University has increased rapidly and with effectiveness since the first machine was introduced seven years ago.

Today, professors and students in almost every College of the University rely on the equipment. Around the clock 24-a-day operation is common, and scheduling is so tight that operating time on some machines must be arranged three weeks in advance.

The machines are hard for the layman to understand, but the goals of a few University scholars and students who use them are less difficult to appreciate.

The reduction of massive amounts of medical information to computer memory on magnetic tape is an effort of Dr. Roy G. Holly, vice chancellor of the University and a noted gynecologist-obstetrician.

At least 160 scientific journals published here and abroad are reviewed by Dr. Holly each month and the important information on the biology of reproduction is abstracted and fed to the computer on the tape.

Very soon now, a physician wishing to be kept up to date on the latest information in this area of medicine can be served with a complete listing of the important developments in the field. Without computers, Dr. Holly explains, such a systematic review of important medical information in this area would be impossible for any one doctor to accomplish in this heyday of scientific reporting and research.

A reduction of the entire nine volumes of the Nebraska statutes to computer "language" is the goal of John Gradwohl, professor of law. When the statutes have been committed to magnet-

ic tape, a judge, attorney, legislator or bill drafter will be able to search the entire Nebraska code for almost any information it contains in a matter of minutes.

Stuart O. Nelson, an agricultural engineer with the U.S. Department of Agriculture, is searching for ways to destroy insects, bacteria and viruses in plant seed with radiofrequency energy in the 8 to 40 megacycle range. Professor Nelson uses computers to test the statistical reliability of his efforts and to guard against the possibility of killing the seed in the process.

These are only three research projects under way at the University using the digital type computers. Another type, the analog machines, is used to study a mechanical or physical process with electronic circuits. The study of the vibrations in concrete when struck a heavy blow, or the study of a bird's wing in

flight, are examples of their uses.

One of the most important uses of computers is the opportunity they provide students. James Blackman, assistant dean of engineering, said a recent check showed that computers are used by students in 28 undergraduate courses in the College of Engineering and Architecture alone.

"These courses are not designed to train students to become computer operators, since this is a craft or skill better left to the manufacturer of the machines," he said. "Our engineering student of today may be a designer of better computers tomorrow, and he is here to learn the machines' limitations and how they can be programmed to solve problems of analysis and design."

Students in the College of Business Administration are also heavy users. They

graduate with an understanding of how to use the machines in such areas as financial reporting and the updating of insurance policies.

Professors of mathematics, physics and chemistry are able to give their students practical and theoretical problems today that would never have been attempted ten years ago.

Another use of computers is the roll they play in registration of students and the storage of personal information. Registration officials explain that this is a highly effective use of the machines in an institution that grows in the number of students at the rate of a small midwestern college each year.

One great potential the machines will have in the future will be their use in libraries. Vast, inter-library networks may some day exchange information on their holdings and collections with high speed and efficiency.

## Adkins To Head Regents

### Summer Sessions Budget Increased

The University Board of Regents Saturday elected Richard Adkins, Osmont banker and livestockman, 1964 president, succeeding Dr. B. N. Greenberg of York.

LeRoy Welsh of Omaha was elected vice president and vice chancellor Joseph Soshnik, University comptroller, was re-elected corporation secretary.

Adkins was first elected to the Board in 1958. He attended Columbia University, Grinnell College and the University.

The Regents also approved a 1964 Summer Sessions budget of \$467,624.40, an increase of \$44,799.89 over the previous year. Director Frank E. Sorenson said that, based on expected enrollment of some 4,250 students, tuition payments would provide nearly one half of the budget.

Sorenson explained that the increase was necessary for several reasons: salary adjustments in line with changes in academic year salaries; addition of some staff appointments to provide additional sections for overcrowded classes and to round out offerings in a limited number of departments.

# —Edelmann Views Problem— Canal Zone Incident Inevitable From Start

"The Panamanian incident was inevitable from the beginning because of the unusual status of the Canal Zone," according to Dr. Alexander Edelmann, assistant professor of political science.

Professor Edelmann said in an interview yesterday that the crisis was an accumulation of the grievances that have been building up ever since the establishment of the Canal. He said that there is so much latent anti-Americanism in Latin America today that these things can erupt at any time.

"I don't mean to imply," said Edelmann, "that sentiment is entirely anti-American. Last summer when my wife and I were in Latin America studying land reform we were very graciously and courteously greeted, not only in the cities, but in outlying districts."

Latin American countries have problems with low

## Trask Dines With Students

Dinner with the professor, featuring Dr. David F. Trask, will be held Thursday in the west cafeteria of the Student Union.

Dr. Trask, associate professor of history, received his B.A. at Wesleyan in 1951 and earned his M.A. and Ph. D. at Harvard in 1952 and 1958. Dr. Trask has been with the University since 1962.

The dinner, which is sponsored by the Union program

office, is more or less an open forum between the professor and the students in attendance, according to Richard Scott, assistant program manager. Scott went on to say that the dinner allows the students and professors to meet each other outside of a classroom situation.

The cost of the dinner, which begins at 6 p.m., is \$1. The next dinner will probably be held in February after finals.

# Clay Cuneiform Tablets On Display At Museum

Some of the oldest writing known to man went on public display for the first time yesterday at the University State Museum.

Dr. C. Bertrand Schulz, museum director, said 12 clay tablet cuneiform documents, about 4,000 years old, will become part of a museum display depicting the beginnings of civilization in ancient Mesopotamia, the land between the Tigris and Eu-

phrates rivers. The exhibit will be part of a larger display which will tell the story of the beginnings and growth of civilization.

Dr. Preston Hader, chairman of the department of anthropology and Mrs. Valerie Nammour, assistant curator of anthropology at the Museum, are serving as consultants.

The clay tablets were taken



ANCIENT TABLET — Nathan Mohler, Museum artist, prepares the 4,000-year-old tablet for viewing. Phoebe, left, and Debra Kaplan, daughters of Dr. and Mrs. S. D. Kaplan of Lincoln, observe.

from an area known to Biblical scholars as the land of Noah and the early Biblical patriarchs, the birthplace of Abraham.

Eight of the 12 tablets have been in the Museum archives since 1914 when they were obtained for only \$12 from the private collections of Dr. Edgar J. Banks, an archeologist and professor of Turkish and Semitic languages. The Museum obtained the other four from the estates of Myron Swenk, a former professor of agronomy at the University and Mrs. Ralph Johnson of Lincoln.

Dr. Alan Pickering, a University student pastor with experience in the early language, has studied and translated the writing on some of the tablets.

Dr. Pickering explained that the ancient scribes wrote with reeds which they pressed into clay to form wedge-shaped depressions. Some signs, which appear like chicken tracks on mud, stand for ideas or concrete concepts, and others for syllabic sounds. When the latter are combined in proper sequence they make up words.

The clay tablets are of particular interest to scholars because they give insight into the way man learned to write as well as telling something of how he lived 4,000 years ago.

standards of living, poverty, and a lack of education; they are sometimes apt to take their frustrations out on the United States, commented Edelmann. The Russians haven't been as closely connected with Latin America as the United States.

Edelmann emphasized the lack of understanding that Balboa high school students displayed when they tried to fly the American flag in violation of the joint directive. "The incident shows that Americans in foreign countries should have enough understanding and respect for the sensitivity of the people not to be an 'Ugly American,' that is one who is ignorant of, or calloused toward local custom."

He also insisted that a good part of the blame for the seriousness of the situation should be placed on the Panamanian Government for not taking adequate measures to maintain order. "The Panamanian National Guard should have been called out sooner," said Edelmann. "They were not called out until very late in the game."

Edelmann said he was surprised that the incident was not more serious than it turned out to be since any insult that involves their flag touches the "raw nerve of nationalism" and is regarded by them as a kind of "moral spitting."

The fact that Russia did not take the chance to sound off about "American imperialism" in the Security Council of the United Nations also surprised Edelmann. He cited this and the fact that the rest of the Latin American press spoke in a tone of moderation and confidence that the U.S. would do the right thing as good signs for the future.

Edelmann thinks the U.S. would be very wise not to argue the reparation payment and that the Panamanian income from the Canal should be upped since it has increased very little since 1912.

Negotiations through the OAS will be a tremendous stimulus to the prestige of the organization, and increased pressure to settle the question of control over the Canal will be probable results of the present crisis, according to Edelmann.



## Queen, Mr. Ugly Chosen

ACTIVITIES QUEEN, MR. AUFUL UGLY NAMED— Vicki Dowling, Activities Queen and Gene Hammond, Mr. AUFul Ugly, were selected at the annual AUFul night last Friday.

## Six Coed Skits Comprise "Life, Liberty, Leap Year"

Six sororities were chosen at try-outs Thursday night to participate in the annual Coed Follies show. "Life, Liberty, and Leap Year," to be presented Feb. 28 in Pershing Municipal Auditorium.

"The skits were much, much better this year than ever before," said Bonnie Knudsen, Follies chairman. "The judges were impressed with the originality they showed."

The six winning houses and their skits are:

Alpha Phi, "Phi Folklore," directed by Judy Birney; Chi Omega, "The Lady is Luce," directed by Anne Swanson; Gamma Phi Beta, "Baubles, Bangles, and Bill Boards," Karen Pfisterer directing; Kappa Alpha Theta, "The Status Seekers," directed by Shirley Voss; Kappa Kappa Gamma, "The Abscoundable

Snowman," directed by Cordy Seward and Pi Beta Phi, "Black, White, and Read All Over," directed by Linda Goth.

Miss Knudsen noted that none of the skits are at all alike.

Letters concerning traveler's acts for the Follies will be sent out Thursday, according to Miss Knudsen. Any University woman may enter the competition and a group may submit as many entries as it wishes.

A skitmasters' meeting for those houses that will be participating in the Follies will be held Thursday at 7 p.m. in 232 Student Union.

## Morrison Speaks At YD's Meeting

Governor Frank Morrison will speak at the Young Democrats meeting Wednesday at 7 p.m. in the Student Union Small Auditorium.

The Governor will be greeted at the R St. entrance to the Union by all Young Democrats. All students are invited to attend.

ONLY 15 GRAMMING DAYS TILL FINALS

