

Regents Approve Purchase Of Electronic Computer

The Board of Regents Saturday authorized the purchase of a medium sized electronic digital computer, contingent upon a \$95,000 grant from the National Science Foundation.

The computer has been given top faculty priority for two years in terms of equipment need.

Chancellor Clifford Hardin told the Board that the Foundation has given the University informal notification that its grant has been approved.

The cost of the computer is in excess of \$180,000 but with a 50 per cent educational discount, the University will be able to buy the equipment for the amount of the grant, the Chancellor said.

Dr. M. A. Basoco, professor of mathematics and chairman of the Computer Center Committee, said results of a faculty survey indicated an urgent need for the on-campus computational center.

Time Saver
"There are many important research programs of considerable size and complexity which are not being pursued because of the prohibitive time requirements for and the impracticability of hand calculation," Dr. Basoco said.

Dean John C. Weaver, research administrator, called the computer "an extremely significant research tool. This new Center will open areas for research activity throughout the University. In many research areas, a man with a pencil and paper can't make much headway. In addition," Dean Weaver continued, "this Center will allow the University to train students in the areas of numerical analysis and computer methodology, which are very important new fields of endeavor."

Nebraska Hall
The Computer Center will be located in a 100 by 30 foot area on the second floor of Nebraska Hall and is expected to be in operation by Sept. 1, 1960. Besides the main cabinet, which weighs about 1.5 tons, there will be seven other cabinets. The equipment will add, multiply, subtract, divide and perform rudimentary decision operations.

The computer, according to Dr. Gordon A. Gallup, assistant professor of chemistry, will do essentially two types of problems: statistical analysis and scientific calculations.

Examples of some of the

Art Works Are Returned To Union

The student art collection has been returned to the Student Union, according to Paul Johns, chairman of the arts and exhibits committee.

The pictures were taken down late last semester when two of them disappeared. However, the two pieces were returned during final exams.

A watercolor by Dick Moses and a charcoal drawing by Marcia Laging were the two items which had previously been reported stolen from the Union.

A second reason for restoring the collection were the comments by students that the pictures lent an aesthetic quality to the Union.

The student collection consists of work done by University students. All 35 items of the collection are currently in the Union.

Pix Library Opens Again Next Week

The Student Union's Picture Lending Library will open next Monday at 8 a.m.

Pictures will be available only to students holding second semester identification cards. Original pictures also can be rented for a fee of one dollar a semester.

Originals available in the library include watercolors by Gail Butt, assistant professor of art; Tom Schmidt, instructor in art; and Larry Johnson, University student. Also available are an oil drawing by Johnson and a wood cut by Dick Moses, former NU student.

Paul Johns, chairman of the arts and exhibits committee, said students should get bids in early because the library has only slightly more than 100 pictures.

The library will be open from 8 a.m. until 5 p.m. from next Monday through Wednesday and will be in the basement of the Union west of the games area.

projects which can be conducted with the use of the computer include:

—Weather factors on agriculture. Presently some 400,000 IBM cards are filled with Nebraska weather records that will be used by research workers when the rapid method analyses are available. Still more information will be added for meaningful interpretation of crop reactions to weather.

—Beef cattle and swine breeding program. Heredit-

Other Regents Business

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tary and genetic factors in the program could be analyzed through the computer.

—Soil test program. The fertility level in terms of available phosphorus, potassium, nitrogen, and need for lime could be related to past cropping, lime and fertilizer history. This type of information would be used by soil fertility research personnel, fertilizer industry, farmers, extension service, vocational agriculture, Soil Conservation Service and soil survey.

—Analysis of farm income and expenses. A research project will be undertaken involving an analysis of the incomes, expenditures, and

taxes of several thousand farm operators, investors in farm lands, and farm families in Nebraska and other states of the Great Plains region.

—Poultry genetics and breeding program. The present breeding program requires detailed records on approximately 15,000 pedigreed animals. Processing this material without the computer would take months of laborious calculations.

—Cosmic Ray work. Detailed theoretical calculations such as solution of the diffusion equations for the passage of high-energy particles through the atmosphere and through dense matter could be made with the computer.

Research Programs
Dr. Basoco explained that location of the scientific computing facility at the University will make it possible for the establishment of aerological research programs in the Great Plains region.

"The facilities also could be of service to the work of the important nuclear power reactor presently under construction at Hallam under the sponsorship of the Atomic Energy Commission and Consumers Public Power District," Dr. Basoco said.

He said the Center will be available to other neighboring institutions which are conducting research.

Male Lead Is Needed For Play

Illness Causes
Empty Role

"Rocksprings," the winning three-act play of the national contest sponsored by the Nebraska Masquers and the University Theater, needs a leading man.

Special tryouts for the recasting of the leading male role, which has been vacated because of illness, will be 7:15-10 p.m. Tuesday and 3-5 p.m. Wednesday in 301 Temple Building, according to Dr. Joseph Baldwin, associate professor of speech and dramatic art.

The play, to be presented at Howell Memorial Theatre the last of February, was selected from 63 plays submitted by playwrights from 48 states by playwrighting instructors from South Dakota, California, Texas and North Carolina.



Capt. Marken

Navy Chaplain To Address ROTC Unit

Captain R. R. Marken, Chaplain of the Ninth Naval District, will speak to members of the University ROTC unit at 3 p.m. today.

"The Navy Goes to Church" will be the title of the Chaplain's speech.

Chaplain Marken will make stops at all of the 14 NROTC units within the Ninth Naval District Midwest area.

He first entered the Navy in 1918 as an apprentice seaman and was discharged in 1921. Upon completion of studies at Drake, he reentered the Navy, this time as a chaplain in the Naval Reserve.

This year he will complete some 31 years of Naval service. He has served as a Staff and District Chaplain since May, 1946. This is the fifth year Chaplain Marken has appeared on university campuses in the Ninth Naval District.

Grad Party Planned

The Graduate Club will sponsor a party Friday at 8 p.m. in the Student Union. Admission is fifty cents. Guests are welcome.

Finally! Cagers Win

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Pix Contest Entries Set

Union Contest Now
In Fifteenth Year

Entries for the 15th annual College Photo Competition are now being accepted.

All photos must be submitted to the Student Union Activities Office no later than 5 p.m. Feb. 19, according to Paul Johns, committee chairman.

Any student is eligible to compete. Pictures must have been taken within the period of April 30, 1959 to Feb. 19.

Pictures will be judged in four classifications: A—News Reports; B—Human Interest; C—Portrait; D—Character sketches. These pictures must be mounted on standard 16 by 20 inch boards and the prints must be eight by ten inches or larger.

Judging will take place March 1 at the Student Union. Judges will be selected from the members of the School of Journalism and Art faculties.

Winners will be awarded gift certificates for merchandise from local merchants. They may then enter the National Contest and will also receive a local traveling trophy.

Further rules and entry blanks may be obtained at the main desk in the Student Union.

NU Debaters Score Well In 2 Meets

Three University debate teams scored wins in nine out of 12 matches during a debate conference held at Northwest Missouri State College last weekend.

Susie Moffitt and Tom Cooper won three of four debates in the senior division. This was top rating in the division received by several teams.

Eileen Warren and Bob Austin won two and lost two in the senior division.

Sylvia Bathe and Kathy Madsen took top honors in the junior division winning all four of their debates.

Individual honors included Miss Warren who received a superior rating in discussion and Miss Moffitt and Cooper who both rated superior in extemporaneous speaking.

Ten schools participated in the conference.

ASAE Meeting

The student branch of the American Society of Agricultural Engineers, ASAE, will meet Wednesday at 7 p.m. in 206 Ag Engineering Hall.

E-Week plans will be discussed at the meeting, and refreshments will be served.

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Convocations Will Feature Norman Cousins, Parkinson

Two convocations have been scheduled during the coming semester, one featuring the editor of the Saturday Review, the other featuring satirist C. Northcote Parkinson.

Parkinson, author of the best selling satire, "Parkinson's Law," will appear Feb. 22.

A luncheon will be held in

the Indian Suite of the Student Union for him, and an informal discussion will take place in the Union Auditorium at 2:30 p.m.

Classes will be dismissed at the instructor's discretion for Parkinson's speech.

Professor of History Cousins will appear April 1, in an all-University convoca-

tion at the Coliseum.

Parkinson, who is Raffles Professor of History at the University of Malaya, is now on a cross-country lecture tour.

He has just completed a summer of lecturing on "The History of the British Empire" at Harvard Summer School. According to the Bos-

ton newspaper accounts, his classrooms were packed, as he entertained as much as he instructed.

Although Professor Parkinson is a scholar and well-known author of many books on economic, naval and military history, he just recently made his first venture into satirical political economics.

Army Major
His now famous "Law" first appeared as an anonymous article in the London Economist, and later was reprinted wholly or in part by Harper's, Life, The Reporter and Wall Street Journal in this country.

He says that the idea for the "Law" came to him during World War II when he was a major with the British Army.

While a member of a committee whose jurisdiction was somewhere between the British Army, Navy and Air Force, he noticed that the executives simply made work for each other, "reading each other's minutes and criticizing each other's grammar."

Concluding that "there may be little or no relationship between the work to be done and the size of the staff to which it may be assigned," he then did research in other areas of administration, both private and governmental.

His discoveries pinpoint many so-called ridiculous inefficiencies of spreading bureaucracy in this age of management and the organization man.

But, Dr. Hoover!



COMPLAINT DEPARTMENT—"But, Dr. Hoover, I didn't register for Home Economics 141," might be what this student is telling Registrar Floyd Hoover, who had

plenty of headaches Monday with students trying to change sections. Hoover hadn't even had time to take his coat off after lunch when this picture was taken.

Psychology Prof Designs Capabilities Usage Test

Dr. K. Warner Schaie, assistant professor of psychology, has authored the first published test of capabilities usage.

Dr. Schaie designed the test which specifically attempts to discover how well an individual is able to make use of his capabilities after a study of 500 individuals.

In contrast to IQ exams

which indicate one's mental capabilities, Dr. Schaie's "rigidity-flexibility" test seeks to indicate how effectively a person uses his capabilities.

"No matter how bright a person is, if he can not adjust from one task to another, he may not be able to succeed in various types of jobs," said Dr. Schaie.

"This type of test may give personnel directors and guidance counseling people a better insight into individuals in whom they are interested," he said.
Dr. Schaie said it is believed that a combination of measures of rigidity-flexibility and of mental ability may increase the efficiency in predicting the level of an individual's functioning at any given age level.

University Press Publishes Art History Work

A short history of American art, written by one of America's foremost art historians, has been published by the University Press.

"From Realism to Reality in Recent American Painting," was written by Virgil Barker of the University of Miami and is concerned mainly with the period from the middle of the 19th century to the present.

The volume is illustrated with 16 black and white and four full color reproductions of famous American paintings. The illustrations were made possible by a gift from the Woods Charitable Fund.

All but three of the paintings are from the collections of the University Art Galleries and the Nebraska Art Association.



Parkinson

New Rag Policy On Club Notices

The Daily Nebraskan has adopted a new policy regarding the publication of club notices this semester.

To insure inclusion of all meetings, publicity chairmen are asked to submit all notices by 3 p.m. on Fridays for any meeting the following week. These will be printed in the form of a weekly schedule of meetings.

Opera Dubbed Bubbly

"Die Fledermaus" Scheduled for This Week

By Karen Long

Bubbling and sparkling like champagne is the description given to "Die Fledermaus," the opera to be presented this week at Howell Memorial Theatre, according to director Leon Lishner.

It holds a unique position on the opera repertoire as it has been performed in every opera house in the world. About 10 years ago it was presented by the Metropolitan Opera Company in Lincoln, but it is the first time to be given by the University Music department.

Two Casts

Two casts of characters will perform on alternating nights. On Wednesday and Friday, February 3 and 5 the cast includes Lou Lawson, Wayne Robertson, Virginia Duxbury, Gayle Johnson, Gene Dybdahl, Cal Carlson, William Hatcher, Paul Knepper, Lucy Robertson and Roger Schmidt.

On Thursday and Saturday, February 4 and 6 the cast includes Richard Morris, Ken Scheffel, Judy Lawrence, Diane Butherus, Amer Lincoln, Irvin Pearson, Norman Riggins, Sylvia Rigg, Lucy Robertson and Roger Schmidt.

The story, a farce, re-

volves around Gabriel Eisenstein who is about to go to jail for kicking a tax collector in the stomach. But a friend of his, Dr. Falke, persuades him to go to the Grand Ball at Prince Orlofsky's before reporting to the jail.

Eisenstein doesn't tell his wife of his plans and the plot becomes complicated when his wife also appears at the ball in disguise.

Meets Wife

He flirts with her without knowing she is his wife although she is quite aware that he is her own husband.

Complications ensue but still the plot remains gay and light and never really serious.

"Die Fledermaus" has been done in many versions but this production is being done in the Metropolitan opera version.

The texts and lyrics are by Garson Kanin and Howard Dietz, successful Broadway writers, who have added the Colloquial American touch.

Cast Problems

"Problems in preparing a work of this sort is getting people with a cultural background such as American University students have to assume the manner, stance, walk, and the

general style of the people who lived in 1874 in Vienna," said Lishner.

Lishner said that he felt that American university acting concepts were derived from Hollywood and television acting where the criteria of acting seems to be in playing down the emotional peaks.

Lines are read in a monotonous drone even though the content may be highly emotional, he continued. This treatment would be deadly in "Die Fledermaus," he emphasized.

The casual manner of walk of men and women as he refers to "Nebraska Drag," must be discarded in place of the elegant carriage of upper middle class people of the 19th century as the play requires.

Besides the cast a chorus of 20 and orchestra of 25 will accompany the group. The orchestra is under the direction of Emanuel Wishnow, chairman of the department of music.

The lavish costumes and sets have been designed by James Kopp who is doing it as part of his masters thesis in dramatics.

Season theatre tickets will be needed for the two and one-half hour production which begins each evening at 8 p.m.