

A man does not plant a tree for himself, he plants it for posterity.  
Alexander Smith

# Summer Nebraskan



You can tell the ideals of a nation by its advertisements.  
Norman Douglas

Tuesday, July 28, 1964

Summer Nebraskan

No. 7

## World Affairs Preview

### Bradbury To Speak

The director of the Los Alamos Scientific Laboratory, Dr. Norris E. Bradbury, will speak at the third World Affairs Preview of the University.

Bradbury will discuss "Education-Atomic Energy Interface" at 1:30 p.m. Thursday in the ballroom of the Nebraska Union.

He is on leave from the University of California to direct the Los Alamos Laboratory in New Mexico, a research center operated by the U.S. Atomic Energy Commission.

During World War II Dr. Bradbury was a commander in the U.S. Navy Reserve. He was awarded the Legion of Merit by the Navy in 1945.

He holds degrees from Pomona College and the University of California. Dr. Bradbury has received honorary degrees from Pomona College, the University of New Mexico, and the Case Institute of Technology. Before joining the University of California faculty, he served as professor at Stanford University.

The Los Alamos laboratory was established by the United States government in 1942. Research and assembling of the first atomic bombs were done there.

Postwar research has been expanded in the fields of health, biology, basic



Norris E. Bradbury

nuclear physics, and the development of "fast" (plutonium) reactors for power purposes.

The project now covers 69,000 acres, and the town has a population of 12,584.

According to Dr. Frank Sorenson, director of Summer Sessions, Bradbury is "an excellent speaker who is much in demand." He makes every attempt to talk to teachers in order to give them an idea what should be emphasized in the science class room, and he talks on their level, Sorenson said.

### Registration By Mail; Plastic ID's Next Fall

By Barbara Singer

Something new has been added to the registration procedure at the University; it is being done by mail.

Students who pre-registered last spring for the fall semester have been

### Seven Receive 9.000 Average Last Semester

Seven University students were able to obtain a perfect grade average (9.000) for 12 hours or more last semester.

The top seven students in a field of 8,391 undergraduates were:

—Walter John Bauman, a senior majoring in mathematics.

—JoAnn L. Strateman, a senior majoring in French & German.

—Keith William Johnson, a junior majoring in pharmacy.

—Richard S. Elliott, a sophomore in pre-med.

—Gary Warren Flick, a senior in the College of Agriculture and Home Economics.

—Arlo Gene Dornhoff, a junior majoring in electrical engineering.

—Gary Loy Larsen, a sophomore in pre-med.

Rounding out the top 15 scholars last semester, all earning grades between 8.786 and 8.933 were:

—Loren Swan Bonderson, a junior majoring in mechanical engineering.

—Richard David Theis, a sophomore in the College of Arts and Sciences.

—Fredrick L. Leistrantz, is a sophomore majoring in agricultural economics.

—James G. McGinnis, a senior majoring in zoology.

—Raymond H. Kelton, a senior majoring in mathematics.

—Dennis James Beeson, a senior in the College of Business Administration.

—Linda Lou Larson, a senior majoring in psychology.

—John Harold Cosier, a junior majoring in physics.

8.765-8.700

Catherine J. Origer, Linda E. Welsch, David C. Krohn, Kathleen A. Robertson.

8.699-8.600

Joan Morton Jones, Linda L. Reno, Aurel J. Spivey, John A. Wick, Gaylord C. Nordine, Robert C. Steinmeier, Joan E. Skinner, James D. Argo, Patricia M. Brown, Ruth A. Wolfmeyer, Gordon H. Ehlers, Charles D. Roberts, Kathryn Phelps VanDeberg.

8.599-8.500

Ronald L. Prior, Jane E. Keill, William W. Holmes, Stephen A. Bergquist, Paul E. Noe, Kenneth W. Haar, Ann J. Wahl, Richard V. Denton, Rogert W. Kennedy, Kenneth S. Cada, Emily S. Schlaht, John I. Hermanson, John A. Goedeken, Ann Semin Smith, Dennia D. Wallwey, Harriett C. Hunker, Marvin E. Criswell, Nadene C. Gardner, Bonnie B. Wall, Samuel E. Moessner, Susan Dav-  
enport Johnson, Merlin L. Parde, Marcaine D. Sweetser.

Continued on Page 2

### Post Session Offers Classes For Teachers

By Evelyn Rust

An air trip to the astronaut training center at Houston . . . the latest in audio-visual teaching aids . . . research work for a six-year certificate. Sound worlds apart. All are available in August on the campus of the University.

For many years the University has offered a three-week Post Session which is an extension of the eight-week Summer Sessions. This makes it possible for students to earn up to twelve hours credit in a single summer, according to Dr. Frank Sorenson, director of Summer Sessions.

Most of the 4,550 summer students will leave on August 7, but at least 100 or 125 will remain for three post-session classes which begin August 10 and end August 28. These classes are designed largely to meet the special needs of teachers and school administrators but are open to all students who are interested.

Aerospace-oriented teachers, many of them from the Lincoln school system, will be enrolled in the Aerospace Seminar Workshop held in conjunction with the National Aeronautics and Space Administration (NASA).

NASA will provide a Spacemobile carrying teaching equipment, a team of aerospace science education lecturers and additional authorities in the aspects of space research and development.

"This is the first time NASA has placed a Spacemobile with its team of experts in any one spot for such a length of time. It is an experiment to find out how effective such a program can be," Sorenson said.

The study of life in space—keeping astronauts in space and the consideration of life on the moon or other planets—will be part of the curriculum.

Highlight of the workshop will be an air study tour to Houston, Texas, scheduled for August 20-22. For the first time students will visit the new NASA Research Center where astronauts are in training.

"Audio-Visual Materials for Teachers" is another post-session class which has proved to be popular in the past. It is designed for teachers who have not completed requirements for their first degree in teaching and who want to get acquainted with new audio-visual materials in classroom teaching.

"Minor Research" is the third post-session offering. This course is aimed at the needs of mature students in Educational Administration who are working towards a six-year Certification of Specialization in Administration and Supervision.

Information about enrollment in Post Session classes may be obtained at the Summer Sessions office, Room 103, Teachers College or Registration office, Room 208, Administration Building.

### Play By Baldwin 'Wake Of Porpoise' To Premier Monday

The world's most expensive and elaborate bomb shelter is the scene of "The Wake of the Porpoise," a new comedy to be given its final performance in the University Theatre, next Monday and Tuesday (August 3 and 4).

The play, written by Joseph Baldwin, professor of Speech and Dramatic Art, treats whimsically and satirically the very serious question—what sort of people would you choose for the handful who would start civilization anew after surviving "the Blast".

Charles Winston Sumner, III., a wealthy playboy, decides that frivolous people like himself offer the best hope for the future, since they are not serious-minded and dogmatic and ready to fight to the death for ideals. Therefore, he chooses eight people to join him in the shelter.

Some are loafers and some are workers, but none are very remarkable.

The role of Charlie Sumner is portrayed by Richard Cross, graduate student in Speech and Dramatic Art from Norfolk, where he is director of drama at Norfolk Senior High School.

Joan E. Shields, graduate student in Speech and Dramatic Art from Grand Rapids, Michigan, is cast as Mary Frances, a beauty contest winner from Mississippi who is Charlie's vacant-headed sixth wife.

Seen as Myra Ealing, stage star with fading glamor and self-styled "society tramp," is Pat Patterson, senior in French and English from Fairmont.

Stanley R. Rice, 1961 graduate of the University who teaches drama in the Wy'east High School, Hood River, Oregon, will be seen as E. Carleton Shropshire, a promising author known for one good novel and several years of mooching on the bounty of wealthy ladies interested in "culture." Rice, whose home town is Neligh, has returned to the University to do graduate work in Speech and Dramatic Art.

Cathleen Marie Collett of Crete, a junior at Doane College taking summer courses at the University, appears as one of the wealthy ladies of Shropshire's acquaintance, Mrs. Gloria Simpson Waininger.

Madge Cummings, Charlie Sumner's secretary, is played by Carla Rethwisch, sophomore from Carroll. Mike Dobbins, Lincoln sophomore, will be seen as Sam Hawk, gardener and handyman employed by Sumner.

Dr. and Mrs. Kurt Stigler, one a professor of veterinary medicine and the other a dietician, are portrayed by Bruce L. Borin, sophomore from Lincoln, and Julia Williams Keller, graduate student from Wood River. Mrs. Keller has returned to the University to do graduate study in Speech and Dramatic Art after having served as teacher of English and Speech at Milford High School.

The author of "Wake of the Porpoise," Joseph Baldwin, returned to rehearsals of his new play after having visited NEW York City to see the performance of his play "Thompson," which was produced July 16 at Wagner College on Staten Island. The play was co-winner of the Stanley Drama Award given at the New York City Writers' Conference.

Directing "Wake of the Porpoise" is Dr. William R. Morgan, head of theatre at the University of Nebraska. Designing and executing scenery is Charles Howard, technical director of University Theatre.

### Union To Show Short Subjects

Prize Winning Movie Short Subjects will be presented tomorrow night as the last in the Summer Artist Series.

In response to the demand for sophisticated cinema, the Union presents 90 minutes of the best of movie short subjects ranging from cartoons to "tongue-in-cheek" experimental films.

The films which will be shown: "Fragment of Seeking," "Powwow," "Muscle Beach," "History of the Cinema," "The Strollers," "Day of the Painter," "To Hear Your Banjo Play," "How To Make An Ewe Turn," and "Olympia Diving Sequence."

The show starts at 8:00 in the Union Ballroom.

Cinema International presents "Last year at Marienbad" and "Gerald McBoing-Boing" this Thursday at 8:00 p.m. in the Ballroom.

The NEW YORK TIMES said of the feature film: "Try to make sense of it and it will drive you mad."

Gary Grant and Debra Kerr star in "The Grass is Greener" next Monday at 6:00 p.m. in the Union Ballroom. This will be the final presentation of Cinema '64.

The Union is sponsoring a "Game-A-Day" chess tournament which starts tomorrow. The five round tournament will be played at 3:00 p.m. July 29, 30, 31, Aug. 3 and 4.

There will be 30 moves per man per hour with a two hour match limit. This tournament is open to anyone connected with the University. There is no entry fee. A trophy will be awarded the winner.

The free beginning bridge sessions are still being offered each Tuesday at 3:30 by the Union.

### Legal Processing Simplified

## Law College Studies Computer

By Diana Goldenstein

A computer has simplified the processing of legal data at the University's Law College, according to John Gradwohl, professor of law.

The Law College has begun experiments with a University computer this summer. "The computer only does the mechanical tasks," Gradwohl said. The computer can gather legal information,

which would require three days' work for an individual, in a period of only 60 minutes. Gradwohl added that the computer's accuracy is superior to an individual's accuracy.

"The computer, by shortening the process of finding the law, will make it possible for lawyers to devote more time to matters of judgment," Gradwohl said. He said that this need for shortening the mechanical aspects of a lawyer's work is becoming greater as more legal data is accumulated.

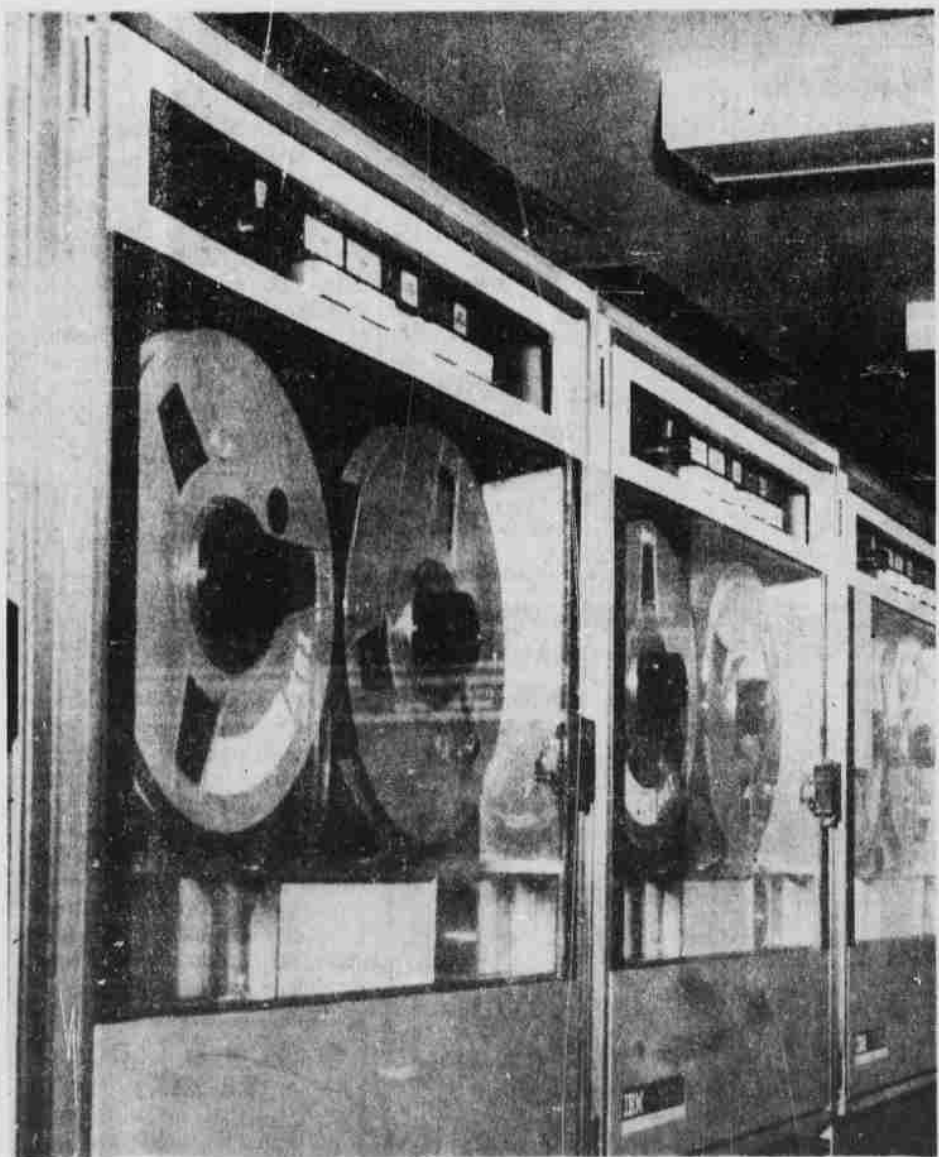
Approximately 10 legal searches have been conducted with the computer by law college faculty members. "We are studying the economic aspects of the computer in addition of learning how the computer works," Gradwohl said.

"We are still in a highly experimental stage," Gradwohl said. He is hopeful that the computer will be ready for actual legal processing by January, 1965. "After we are set up, I would imagine students, attorneys, governmental officials and others would be able to use the computer," he said.

To make the computer workable for legal purposes ordinances, statutes and laws must be dictated to the computer. A code system is then established on several computer tapes. After this task is completed, the computer can answer legal questions.

After requests for legal information are fed into the computer, answers are given by the computer in one of several ways. The computer may answer in one word, a sentence, or a complete statute at the rate of 600 lines per minute.

If a legal term has been officially changed the computer can make this adjustment in a period of minutes. Directions are given and the computer finds the statute, paragraph and sentence in which the term is used. This monumental task requires a tremendous number of hours when several persons undertake it, according to Gradwohl.



COMPUTERS AT WORK — On each one of these magnetic tapes there are 28 million characters. It would take about four and a half of these reels to record the State Statutes. Be sure to see the picture page on these computers (Page 4).