



Nebraskan Photo

## Gruenther Honored

General Alfred Gruenther, Supreme Allied Commander in Europe and recipient of an honorary Doctor of Laws degree from the University, is shown with two students following Commencement exercises Saturday morning. Left to right, Glenna Berry, Student Council vice-president, Gruenther and Judy Bost, Nebraskan news editor. Miss Berry

introduced C. Petrus Peterson, commencement speaker. Gen. Gruenther was cited as an outstanding strategist and planner, a leader of men who has won the respect and admiration of governments and peoples of European nations in his present post. Gruenther is a native Nebraskan, who has assisted in the planning and execution of

the North African landings in World War II, served as chief of staff of the Fifth Army in Africa and Italy and as deputy commandant of the National War College. Chancellor Clifford Hardin presented the degree and read the citation which also termed Gruenther a "dedicated leader in his nation's earnest endeavors for world peace."

Karl Shapiro, Pulitzer Prize winner for poetry in 1945 and current editor of the magazine "Poetry," will join the faculty of the University's department of English as a full professor Sept. 1. Shapiro delivered the Montgomery Lectures at the University in 1953, when, according to Dr. James Miller, chairman of the English Department, "We were impressed by humility in a man of his distinction."

Shapiro is the author of nine books. The first, "Poems," was published in 1935. "V-Letter and Other Poems," 1944, was awarded the Pulitzer Prize in 1945. His most recent book, "Beyond Criticism," is composed of the lectures given at the University in 1953. The essay on Dylan Thomas, late Welsh poet, is nationally recognized, Miller stated.

Shapiro will assist in the editing of "The Prairie Schooner," edited by Dr. Lowrey Wimberley, and will take over the editor's position on Wimberley's retirement in two years. Courses expected to be scheduled under Shapiro next year include English 211-212, composition,



Courtesy Sunday Journal and Star SHAPIRO

approval of the appointment, that Shapiro's acceptance of Nebraska's offer is a tribute to the quality of the University's Department of English.

# NU Gives Degrees To 287 Students

## Two Graduate 'Summa Cum Laude'

Nearly 300 students received degrees at the University's mid-year commencement exercises Saturday morning. Two degrees were awarded "with high distinction," and eleven were given "with distinction."

Bachelor of Science in Education, Teachers College; Fred Van Vleck, Bachelor of Science, College of Arts and Sciences.

Valentine Zink, Bachelor of Science in Agriculture, College of Agriculture; Thelma Thomson Cox, Bachelor of Arts, College of Arts and Sciences; and Merlyn Vanderbeek, Bachelor of Science.



Courtesy Lincoln Journal

C. Petrus Peterson, Lincoln attorney and former president of the National Reclamation Association, delivered the commencement address. He was introduced by Glenna Berry, senior class representative on Student Council.

Chancellor Clifford Hardin presided at the commencement exercises and conferred the degrees. Dr. A. C. Breckenridge, dean of faculties, was master of ceremonies.

Mary Domingo and Jack Stiehl received degrees "with high distinction," the highest honor which the University can bestow upon a graduating senior.

Miss Domingo majored in commercial arts in Teachers College. She completed her University education in three and one-half years.

Stiehl majored in chemical engineering in the College of Engineering and Architecture. Having completed most of the work toward his bachelor's degree last year, he carried a full load of graduate work last semester.

Graduates receiving degrees "with distinction" were John Bailey, Bachelor of Science in Education, Teachers College; Dorothy Mesner Dunovan, Bachelor of Arts, College of Arts and Sciences; Gary Koberstein, Bachelor of Science in Electrical Engineering, College of Engineering and Architecture; Gloria Kollmorgen, Bachelor of Science in Education, College of Engineering and Architecture.

Gerald Menefee, Bachelor of Science in Business Administration, College of Business Administration; Milton Meyer, Bachelor of Science in Agriculture, College of Agriculture; Barbara Schmoker,

the highest honor given graduating seniors. Miss Domingo majored in commercial arts in Teachers College while Stiehl majored in chemical engineering in the college of Engineering and Architecture.

Chancellor Clifford Hardin extends his congratulations to Jack Stiehl and Mary Domingo for their achievement of high scholastic records during their years in university. Both were graduated "with high distinction."

## Top Seniors Cited

Other business at the Regents' meeting Saturday included: The promotion and appointment of Dr. Robert Chasson, associate professor of chemistry, to the chairmanship of the physics department.

The appointment of Dr. James Miller, acting chairman of the department of English, to the position of chairman.

## Regents Vote Approval Of Appointments, Leaves

The appointment of Richard Svoboda as petroleum geologist with the conservation and survey department.

The approval of one-year leaves of absence for Dr. Chris Pulos, associate professor of English; Dr. Paul Schach, professor of Germanic languages, and Julius Cohen, professor of law.

## Temporary Leave:

# NU Regents Approve Fullbrook Resignation

The Board of Regents accepted the disability retirement of Dr. Earl Fullbrook, dean of the College of Business Administration, at their meeting Saturday.

The retirement is only temporary, according to Chancellor Clifford Hardin. Fullbrook asked retirement because of ill health, he said.

Fullbrook will assume the duties of his position on his recovery, Chancellor Hardin said.

"We are optimistic that Dr. Fullbrook will return to his duties in the near future," A. C. Breckenridge, Dean of Faculties, said.

There will be no acting dean appointed to serve in Fullbrook's absence, he said.

Fullbrook has served in the capacity of dean for ten years. He succeeded John Clark, who left to become a member of former President Truman's Council of Economic Advisers.

## Doctor To Speak At Two Seminars

Dr. Harold Wolff, professor of medicine at Cornell University Medical College, will give a series of lectures in Lincoln and Omaha Monday and Tuesday.

He is known for his research in the field of psychosomatic problems, especially headaches, ulcers, hypertension, pain, and the nose and its functions.

Dr. Wolff will hold two informal seminars at the Student Union on Tuesday. He will discuss "Cerebral Mechanisms" at 10 a.m. and "Stress and Disease" at 2 p.m.



Nebraskan Photo FULLBROOK

## Scarborough Completes Coaching Staff

... See page 3

## Faculty Units:

# Regents Approve Housing Purchase

The University Board of Regents Saturday authorized the purchase of 11 two-story, brick buildings to be used for faculty housing.

The buildings, known as Colonial Terrace, are located between 34th and 35th streets on Starr Avenue, one block south of the College of Agriculture.

The University will pay the owner, Selmer Solheim, Lincoln architect, \$105,000 cash and assume a mortgage of \$252,951, John Selleck, University Comptroller said.

With 90 per cent occupancy the University will make \$6,000 profit annually which will be used to pay off the mortgage, he said.

The University is expected to move in sometime in March. However, for the present, the houses will be used to house women students until the completion of the new women's dormitories on Agricultural College campus, Selleck said.

The new women's dormitories will occupy about 49,000 square feet and will house 160-170 women students. The project is scheduled to be completed in September, 1957.

The buying of the apartment units is an excellent opportunity to encourage faculty members to come to the University, said Chancellor Hardin. At present the University has no faculty housing facilities.

The Regents also accepted a low bid on a biochemistry building on Ag campus which will be used primarily for research. Bids were 32 per cent higher than the estimate bringing the total to \$252,951, according to Selleck.

In addition to these new projects, the Board passed a resolution to make way for a \$4 million bond issue to finance an addition to the Union, the women's dormitory, a new student health center, and a new student union on Ag campus.

## Miltzer, Georgi:

# NU Scientists Isolate Components Of Cells

By BARBARA SHARP Copy Editor

Two University scientists have established the presence and identity of tiny particles within the structure of bacterial cells by breaking down the cells into component parts.

The results of this work, according to Dr. Walter Miltzer, biochemist, and Dr. Carl Georgi, bacteriologist, prove that the one-celled micro-organisms have a definite internal structural pattern and are not merely random pieces of matter.

Dr. Miltzer is dean of the College of Arts and Sciences and Dr. Georgi is chairman of the bacteriology department.

It has been known for some time

that bacterial cells contain granules or particles within them. These have been reported in the scientific literature over a period of 50 to 60 years but it has been only recently that interest has been received in elucidating the function of these units within the cell.

The concept of bacterial cells, subscribed to by many scientists, is that the cell is a bunch of enzymes wrapped up in a skin something like a sausage casing.

The university scientists have shown that the enzymatic activity is confined, at least with the bacterial cell they have studied, to specific structural units inside the bacterial cell.

Such units in higher plants and animals are called "mitochondria." What Miltzer and Georgi have done is to establish the presence and identity of similar units in a certain species of bacteria.

The scientists also have obtained electromicrographs of the particles, magnified 22,000 times, which they believe to be the smallest pieces of life substance ever photographed.

Georgi said that the type of bacterium and methods used allowed them to obtain results which have escaped scientists in the past.

The results of their work confirm an idea previously held by scientists that bacteria have structural units designed to carry on specific activity, much like highly special-



Courtesy Lincoln Journal/Courtesy Lincoln Star Miltzer Georgi

ized groups of cells, such as the liver in man and animals. Miltzer and Georgi were the first to discover the "red fraction" which was reported by them in 1949.

Since then, other scientists have found structural units within other types of bacterial cells resembling the "red fraction."

The two scientists worked with the "red fraction" for approximately five years before discovering means of isolating the particles from the lipid sac.

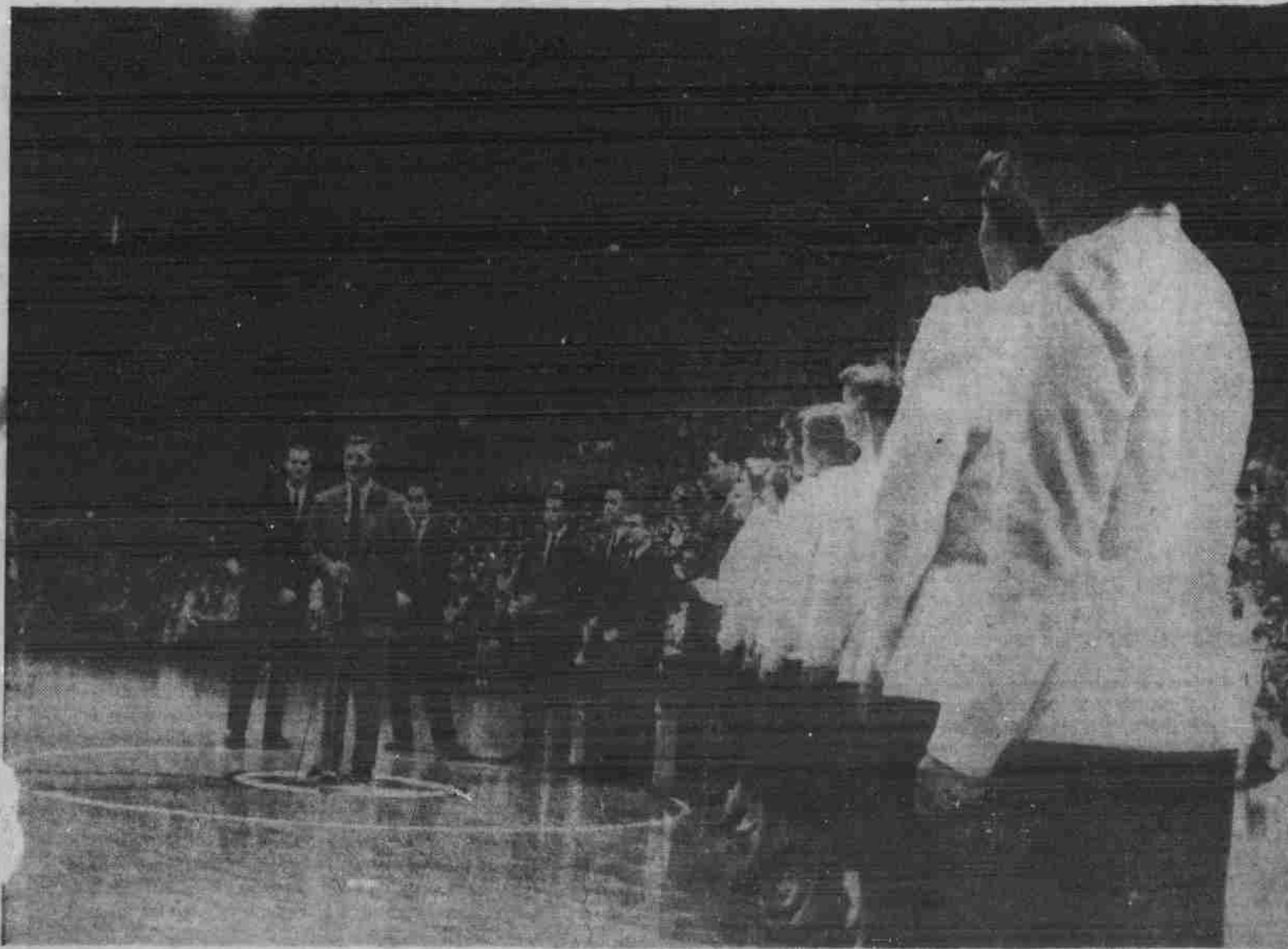
## The Outside World:

# Mob Assaults Negro

By AHELENE HRBEK Nebraskan Staff Writer

Rocks and eggs were hurled by an angry, cursing mob on the car which took Negro coed Autherine Lucy to her classes at the previously all-white University of Alabama. The car was hit by several missiles and one window was broken.

The demonstration was the third since the Negro coed began attending classes Friday. A usually reliable source, who would not permit use of his name, said the Alabama National Guard would be called out for patrol duty on the campus if the disorder continues.



Courtesy Sunday Journal and Star

## Students Welcome Elliott

The new Nebraska football coach, Pete Elliott, was formally welcomed by the student body during half-time ceremonies of the Colorado-Nebraska game. Andy

Hove, president of the Student Council, represented the students in welcoming Elliott. Members of the Innocents Society and Mortar Board accompanied Hove to greet

the new coach. Elliott stated in accepting the head coaching position. "I feel it is a great honor to become associated with the University of Nebraska as its football

coach. I know that with the united help of all Nebraskans we can develop teams of recognized Nebraska caliber."

## The Inside World

Editor's note: During the present semester all notices of meetings and other such articles will be run in "The Inside World" column and will be brief—not to exceed seven or eight typewritten lines. These notices should be typed and handed into the news editor, The Nebraskan, Union Room 20. It is hoped that this new policy will render a more effective service to the campus community.

Nebraskan coverage will also be enlarged to include announcements of the elections of officers of organized houses, Fraternity, sorority, co-op and dormitory presidents, vice-presidents, secretaries and treasurers will be included if they are submitted by the organization.