

# Baker Notes Migration Balance

(Third in a series of articles on reports submitted by Nebraska educators to Dr. Lyman A. Glenn for his use in a study of higher education in Nebraska.)

Total student migration "does not indicate that Nebraska is contributing more to the education of residents of other states than other states are contributing to the education of Nebraska residents."

Some 5,395 residents of Nebraska were enrolled in institutions of higher learning in other states in 1958 compared to 5,344 residents of other states enrolled in Nebraska institutions, according to the findings of former assistant dean of the College of Agriculture, Marvel L. Baker.

Chief Adviser Baker, who is currently acting as chief adviser of the University Turkish program in Erzurum and Ankara, Turkey, was already conducting enrollment studies and projections for the University self-survey when he consented to undertake the much larger task for all the institutions in the state.

Proximity to a college or university was listed by Baker as a chief factor in determining the percentage of college enrollment potential actually enrolled in Nebraska institutions.

The percentages ranged from a high of 49.50 per cent in Wayne county to a low of 6.25 per cent in Banner county.

Lancaster county, which ranked third highest in the

state with 47.47 per cent, showed an enrollment potential of 4,348 with 38.10 per cent of this number enrolled at the University.

**Enrollment Slumped**  
Trends in undergraduate enrollment from 1950-59 slumped from 1951-53 at the University and "most of the colleges and universities throughout the state."

The University dropped from an undergraduate enrollment of 5,959 in 1950 to slightly over 5,200 in each year from 1951-53, due to the "impact of the Second World War and the Korean War on enrollments," Baker said.

Peak enrollment for the decade occurred in 1958 with 6,427 undergraduates enrolled at the University.

Graduate enrollments followed a similar trend with a drop from 992 in 1950 to a low of 547 in 1953 followed by a steady climb to 935 in 1959.

**Stable Populations**  
A stable population in the state and physical limitations of the schools were cited as chief reasons for the relatively constant professional enrollments throughout the decade.

An exception, a sharp drop

in pharmacy enrollments (from 177 in 1956 to 32 in 1959) was attributed to an expanded curriculum resulting in an extra year of school.

Projections for the coming decade indicate that by 1970 the University will enroll 11,027 undergraduates, 2,200 graduates and 1,110 professional students.

The projections are based on an 8 per cent yearly increase of college enrollment potential enrolled on the undergraduate level, but on estimations furnished by the University on the graduate and professional levels, Baker said.

An appendix to the report prepared by Walter Neece, assistant to Dr. Glenn, show that 30.7 per cent of the 19,674 students enrolled in Nebraska institutions were enrolled at the University in 1959.

Males outnumbered females 4,487-1,926 at the University that year, or 70 per cent to 30 per cent Neece said.

Of the total, both sexes, 88.3 per cent were from Nebraska, 8.3 per cent from other states and 3.4 per cent from foreign countries.

## Directories Available

Beginning Monday, students who purchased student directories in the pre-sale may pick them up anytime between 9 a.m. and 5 p.m. of that week.

Students who did not buy during the pre-sale of Bulder Student Directories may buy them at the booth. The directories will sell for \$1 according to Jean Morrison, sales chairman of Builders.

## Don't Pass Union Bridge Tourney!

The Campus Bridge Tournament for undergraduate students will be held in the Indian Suite of the Student Union at 1 p.m. Saturday.

From this tournament ten teams will be selected to compete in the National Intercollegiate Bridge Tournament next February.

Teams may enter by signing up in the Union program office or games area. There is no entry fee, but all teams must sign up by Friday at 5 p.m.

Trophies will be awarded for first and second place. Refreshments will also be served. The tournament is sponsored by the Union Tournament Committee.

## Mucho Parties at Greek Haciendas This Week

House parties, chili feeds and a turnabout dance make up the social calendar as the campus gets back into the social swing of things following vacation.

**Friday**  
Delta Gamma-Kappa Alpha Theta turnabout dance, 7-12.  
Acacia "Night-on-the-Nile" house party, 9-12.  
Delta Sigma Phi "Apache" house party, 9-12.

**Saturday**  
Gamma Phi Beta pledge tea dance, 2-5.  
Sigma Kappa pledge party, 9-12.  
Zeta Tau Alpha "Oriental" house party, 9-12.  
Phi Delta Theta "She-Delta-Theta" party, 9-12.  
Phi Kappa Psi "Shipwreck" house party, 9-12.

**Sunday**  
Alpha Chi Omega-Pi Kappa Phi pledge chili feed, 5-6:30.

## Students Interviewed For Med School

The Admissions Committee of the College of Medicine will be on this campus Dec. 8 and 9, to interview applicants for 1961 admission.

Students who are interested should immediately schedule their appointments by signing the interview registration sheet at Room 306 Bessey Hall.

Read Nebraskan

Want Ads

## Faculty Night, Bible Drills Slated Sunday

Faculty night and Bible drills will be held at campus religious houses Sunday night in addition to the regular listing of reports and speakers.

**UNITED CAMPUS CHRISTIAN FELLOWSHIP** Dr. Iarc Priester, professor of Christian education at McCormick Seminary, will speak at 6:30 p.m. The supper will be at 5:30.

**LUTHERAN STUDENT LUTHERAN COUNCIL** Excerpts from "Campus Drama" will be presented and discussed by students and faculty members following the annual faculty sponsored supper at 5:30.

**BAPTIST** Biblical knowledge will be tested at Second

Baptist Church, 28th and S. The supper will be at 5:30 and the Bible drill at 6 p.m. "What is Practical Christianity on Campus?" will be answered by Rev. Alan J. Pickering, pastor of UCCF.

**UNIVERSITY LUTHERAN CHAPEL, MISSOURI SYNOD** Loys Mather, international delegate to International Board of Governors meeting in St. Louis during Thanksgiving vacation will address the Gamma Delta meeting at 6:30 p.m. Supper will be at 5:30 p.m.

**NEWMAN CLUB** Sunday night supper will begin at 5:30 p.m. followed by a business meeting and social hour. Approximately 25 of the Club members will participate in the district convention meeting Saturday in Omaha.

## IFC Names Semi-finalists

Seven semi-finalists for the Interfraternity Council Scholarship for the second semester have been selected by the IFC scholarship committee.

The seven were selected out of a group of 19 applicants on the basis of their application, scholarship, activities and contributions to their fraternities.

The seven semi-finalists are Steve Hansen, Phi Gamma Delta; Jack Lausterer, Sigma Nu; Jerry Ebers, Delta Tau Delta; Grant Gregory, Beta Theta Pi; Chip Kuklin, Sigma Alpha Mu; Steve Joynt, Delta Tau Delta; and Roger Myers, Beta Theta Pi.

## Faculty Members Attend Confab

Three University faculty members will participate in the American Vocational Association convention in Los Angeles, California next week.

Dr. Howard W. Deems, chairman of the vocational education department, will attend the convention and will be a member of the resolutions committee. He served as chairman of this committee at the regional meeting.

M. G. McCreight and Leora Horning, both assistant professors of vocational education, will attend the conference. McCreight is secretary of the teacher education committee in the agricultural section. This committee is making study of the teacher training program.

WELCOME STUDENTS TO ST. PAUL METHODIST CHURCH

Lincoln's Downtown Church

Worship Services at 9:30 and 11 am

Dr. Frank A. Court, Pastor

## PIONEERING IN WORLDWIDE COMMUNICATION VIA SATELLITES

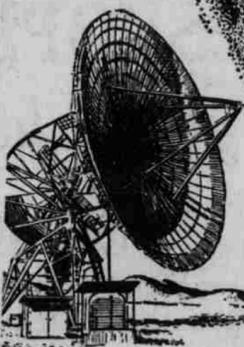
### PROJECT ECHO

On August 12th, 1960, JPL scientists at Goldstone, California, radioed the world's first transcontinental microwave message to be relayed by a passive, artificial earth satellite. This satellite was the 100 ft. plastic balloon Echo I orbiting around the Earth at an altitude of 1,000 miles. A pre-recorded statement by President Eisenhower was received 2,300 miles away by scientists of the Bell Telephone Laboratories at Holmdel, New Jersey, as clearly as any telephone call, in a fraction of a second. Later in the course of the Echo experiment, the scientists at Goldstone and Holmdel conducted 2-way voice communication off the balloon satellite, Goldstone transmitting at 2,390 megacycles and Holmdel at 960 megacycles. This successful experiment opens up vast new fields of development for worldwide communication and is typical of many pioneering achievements of the Jet Propulsion Laboratory.

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RECEPTION The 85 foot parabolic antenna at Goldstone, California built in 1958 and used in tracking and recording telemetry from U.S. spacecraft.



TRANSMISSION This 85 foot antenna, 7 miles from the reception facility, has recently been put in operation to transmit signals to U.S. spacecraft.



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ON CAMPUS INTERVIEWS

DEC. 5

THETA XI
CHI OMEGA
PI KAPPA PHI
ALPHA PHI
KAPPA SIGMA
ALPHA XI DELTA
PHI GAMMA DELTA
SIGMA KAPPA

TRANQUILIZE



SHOCKERS

BETA SIGMA PSI
DELTA DELTA DELTA
DELTA SIGMA PHI
GAMMA PHI BETA
RAG STAFF
ZETA TAU ALPHA
SIGMA ALPHA MU
PHI DELTA THETA