

UNL Researches digital phones

A UNL research project to develop a "digital" telephone has been granted \$17,000 by the National Science foundation, according to Jerry Gibson, UNL assistant professor of electrical engineering.

The project, under Gibson's direction, "is concerned with providing efficient digital voice communications using existing telephone facilities," he said. Digital voice transmission involves changing

the sounds produced by the voice into number patterns sent over telephone lines by a signal similar to that of a voice signal. The patterns are then translated back into sounds through the

calendar

receiver.

The system, when completed, will fit into the handset of today's telephones, Gibson said, and will improve the voice quality of the transmission. It will consume less energy ind be less expensive to replace than the current system, and the ease with which the system can be encoded makes it useful for defense purposes, he added.

The grant will be used mainly for salaries and computer time, according to Gibson, and will be spread over two summers and the academic year in between. The money began coming April 1, he said.

Thursday

8:30 a.m.-Student Affairs Staff-Nebraska Union Room 243

11:30 a.m.-Arts & Sciences Executive Committee Luncheon-Union Pewter Room

12 p.m.-Vice President for Academic Affairs-Union 203 12 p.m.-Tara Heights

School-Papillion-Union North Conference Room

p.m.-Purchasing-Bid 2 Opening-Animal Research, Phase II-Union Auditorium

2 p.m.-Health Education Staff-Union 216

5 p.m.-Council on Student Housing Policy Life Committee-Union 216

5:30 p.m.-Phi Mu Alpha Sinfonia-Union Harvest Room

5:30 p.m.-Council of American Indian Students-Union 232 6 p.m.-Builders Executive-Union 343 6:15 p.m. – Red Cross–Union 222 6:30 p.m.-Parking Appeals Board-Union 243 6:30 p.m.-Builders-Union 343 7 p.m.-Council on Student Life-Union Pewter Room 7 p.m.-Baptist Student Union-Union North Conference Room 7 p.m.-Epsilon Chi-Union South Conference Room 7 p.m.-Free University "Dreams"-Union 337 p.m.-Math 7:30 Counselors-Union 225 B-C p.m.-Collegiate 8 Band-Kimball Recital Hall

AUF spring drive ends

Emeriti to receive \$1,700

The All University Fund (AUF) spring faculty drive ended last week, and members expect to have more than \$1,700 to give to the Emeriti Association, according to Sandy Huber, AUF committee member.

The Emeriti Association is an organization of UNL and UNO retired professors who have been granted emeriti status. When a professor retires, his department chairman can recommend him for this title, with approval coming from the Board of Regents.

The money from AUF will be used to aid those members of this organization who are found to be in financial need, either with monthly payments to supplement income or with special payments for financial emergencies.

The Emeriti Association was chosen by a ballot sent to all UNL instructors, administrators and researchers in late February. Two-hundred fifty-eight (258) of the 1,600 ballots sent out were returned to the AUF office, according to April Lowder, AUF chairman.

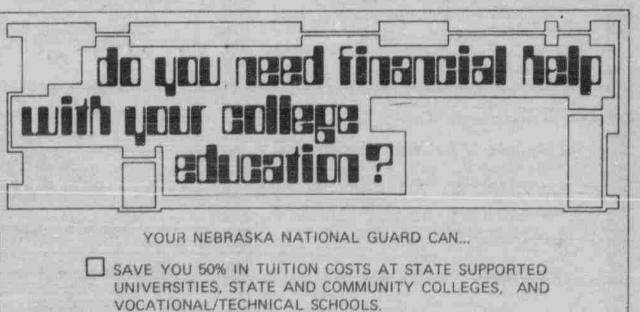
The other charities on the ballot were the Open Door Health Center, the Capital Association for Retarded Children, the Tuberculosis and Respiratory Disease Association and Senior Diners.

According to Huber, the total at the end of last week was \$1,300 and it is expected to reach \$1,700 by the time all pledges received.

Much of the money will be used to aid professors who retired before the UNL pension plan went into effect in 1961. Professors who retired before that time are now getting anywhere from \$290 to a maximum of \$2,400 a year as a total pension payment, and are therefore in need of assistance.

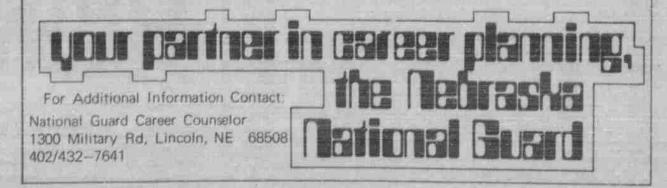
Last year the faculty drive raised \$1,528 for Tutors of Nebraska Indian Children (TONIC).

AUF committee members appeared before faculty members at their April departmental meetings or sent letters to them explaining the Emeriti Association and asking for donations. The money came from individual faculty pledges as well as contribution baskets which were placed in the faculty lounges, Huber said.



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