

Two Join Staff Of TAES, Two Others Leave Positions

Two newcomers will join the staff of the Texas Agricultural Extension Service and two others will leave for other posts effective Friday.

Joining the staff are Charles O. Hardy, an accountant, and John G. Thomas, an entomologist. Leaving are Edwin H. Cooper, a wildlife conservation specialist, and John H. Jones, a livestock specialist.

Hardy will replace W. B. Lancaster, who recently joined the Memorial Student Center staff. He has been a field auditor for the Engineering Extension Service since November, 1959, and will

thus work with field units of the experiment station.

Thomas, a former area entomologist at Lubbock, is being transferred here as an associate entomologist with the head quarters staff. He had served in Lubbock since June, 1960, and moves into the new post left vacant by the resignation of C. F. Garner.

Cooper resigned to become affiliated with a commercial concern in Jacksonville. A native of San Marcos, he had been with the extension service since 1955.

Jones is leaving soon with his wife for Bogata, Columbia, to join the Rockefeller Foundation and the Colombian Agricultural Program for a one-year appointment. He first joined the experiment station and extension services in 1923 and has been with TAES continuously since 1930.

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Brainpower Called Critical In Enlarging U.S.'s Wealth

Brainpower was defined here Tuesday morning as "the critical ingredient in the enlargement of national wealth."

Speaking to the 40 men from seven states attending the annual executive development course on campus was Dr. L. V. Berkner, president of the Graduate Research Center of the Southwest in Dallas.

The industrialization of agriculture and the "sudden urbanization of our whole nation" also were cited by Berkner as other great forces bearing upon the contemporary situation.

He placed special emphasis on "Science and the World of Tomorrow," stressing the need to produce many more Ph.D. degree holders in the Southwest.

"THIS STATE needs four or five graduate schools of the size of Harvard or MIT to serve its 10 million citizens," Berkner declared.

He portrayed men with doctoral degrees as commanders of the frontiers of knowledge, grasping ideas abstruse and highly mathematical in nature.

"For each Ph.D. with creative abilities we can employ five or 10 engineers, and for each engineer we can use 100 skilled and unskilled workers," Berkner said.

The executive course, which is planned to sharpen managerial skills and qualify participants for additional responsibilities, continues through Feb. 15.

Berkner was introduced by E. B. Germany, chairman of the board of Lone Star Steel Co., Dallas.

THE NEW industrial, technological revolution has arisen from scientific development made earlier in this century, Berkner said.

"We learned during World War II that consistent application of this new science could revolutionize

any technology to which it was applied," the distinguished scientist said.

Men with advanced degrees were described as essential to capture and control the potential of the new technology, to create new industry from it and to direct it for society's benefit.

Berkner cited statistics showing Texas' low rank in producing doctoral degrees.

"This is why Gov. Connally spent half of his inaugural address talking about graduate education," Berkner told the executives.

The failure of great new graduate schools to emerge across the nation in the last 20 years also was cited. Factors considered in developing such schools include the attitudes and orientation of students, faculty and the universities, money and the need for additional teachers.



Space Sled

Linda Chrisman, 15, looks like a lady astronaut as she zooms off a ski-type ramp near her Nashville, Tenn., home. That's not a parachute she's sitting on. It's a pillow cushion the landing she is about to make. (AP Wirephoto)

FOR THEIR FILES

Exes Make Use Of Magic Tape

Aggies exes are preparing to pioneer a new solution to an old problem through the use of a space age marvel.

Data Processing Center personnel will code reels of magnetic tape with a wealth of personal information on each of some 40,000 former students. Electronic computer units then can retrieve or pull out information for the reels of tape and write it at the rate of 15,000 characters a second.

The Association of Former Students will be the first in the nation to maintain its complete records system on magnetic tape. Project completion is expected in a year.

The association, through an agreement with the Data Processing Center, is setting up the new system. A&M graduates have planned the program from start to finish.

Robert L. Smith Jr., a 1952 graduate, heads the Data Processing Center and has won wide recognition for his work. Douglas B. Yauger has done much of the detailed work in planning the records system. He received his undergraduate degree here, and later this year is expected to receive the first Master of Science in computer science degree granted by the college.

ASSOCIATION Secretary J. B. (Dick) Hervey, International Business Machines Corp. representative Charles R. (Dick) Crews of Houston and Richard Weirus of the association staff are others closely associated with the project.

The new records system has important research and teaching aspects. It is among the largest records system ever converted to magnetic tape in a university.

The tape is the same as the type used in recording machines, and the reels resemble a long-playing record except that they are thicker.

A strip of tape not quite two inches long will be the "file" containing complete biographical information on each Aggie.

CODING OF the tape will be when the biographical forms are returned by the former student. Six reels of tape likely will be needed.

"I've tried to design a new system to meet future needs, flexible system suitable for years to come," Yauger said. Change over the years will keep the biographical information current.

The task of converting to new system is lengthy but worth the effort, Hervey said. Within a matter of minutes information can be retrieved from tape, while obtaining the same information from conventional files would require the month-long efforts of three clerks.

Mothers To Honor Singing Cadets At Meeting Here

The Singing Cadets and the Director Robert L. Boone will be honored at the mid-season executive board meeting of the Federation of A&M Mothers' Clubs here Saturday.

The meeting is scheduled for 9:30 a.m. in the Social Room of the Memorial Student Center.

A coffee will be given for Boone and the singers before the regular meeting. Purpose of honoring the singers has been kept secret until the mothers publish their Federation Yearbook.

Other topics on the mothers' agenda include progress reports from across the state, plans for spring activities and coordinating details for the annual meeting of the entire membership, to be held during the Mothers' Day week in May.



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