CSU Assigns Three To Peshawar Group

Colorado State University will send three more educators to Pakistan for temporary assignment at the University of Peshawar under terms of an advisory contract with the Pakistan institution. The contract is financed through the International Cooperation Administration.

Scheduled for Peshawar assignments are Dr. Louis R. Weber, head of the physics department; Lester L. Osborn, a state supervisor with the extension service; and Dr. Frank M. Duley, temporary professor of agronomy.

Dr. Weber and Osborn are long-time members of the CSU staff. Dr. Duley, who has been a soil scientist for the USDA’s Agricultural Research Service at Lincoln, Nebraska, was appointed to the CSU staff specifically for the Pakistan assignment.

Dr. Weber will be temporary professor of physics and advisor of basic science at Peshawar. He has been head of the CSU physics department since 1938. He came to Fort Collins from Friends University at Wichita, Kansas, where he had headed the physics department for a number of years.

Since CSU offered no major in physics at the time Dr. Weber joined the faculty, he immediately began working to establish the B.S. degree in that field, accomplishing it in the late 1940s. Later a master of science was offered and Dr. Weber’s development program at the University culminated in CSU’s awarding its first Ph.D. in physics in August, 1957.

During 1952-53, Dr. Weber was a Fulbright lecturer in the College of Arts and Sciences in Baghdad, Iraq, now a part of the University of Baghdad. Several of his students there followed him to the United States for graduate study in physics.

Considered a “natural” as an educator of youngsters, Dr. Weber won considerable popularity with a sizable number of Colorado high school students who last year attended his series of lecture-demonstrations in elementary physics at Fort Collins. The series, conducted in the new engineering and physics building at CSU, was designed to acquaint youngsters interested in scientific careers with the field of physics.

Osborn has been an extension supervisor with the CSU Extension Service for the past 14 years, working with young farmers and homemakers.

A native of Council Bluffs, Iowa, he attended high school at Boulder. He served as an officer in both World War I and World War II. Between wars, he worked with the YMCA in Montana, Kansas, Texas and Colorado.

He joined the CSU Extension Service in 1944, following return from military service in the European theater, to head up the work with young farmers and homemakers.

He is a CSU graduate, having obtained his B.S. degree in 1930 and a master’s degree in 1933.

Dr. Duley, who will be an advisor on soils at Peshawar, has served with the ARS since 1938, doing research on soil and water conservation in the Great Plains area.

Currently in charge of the CSU advisory group at Peshawar is W. E. Connell. He is assisted by Erwin Nielson, farm mechanics advisor. The three new advisors will bring the CSU Peshawar party total to five. Probably two or three more will be sent in the future, according to Dr. Walter R. Horlacher, dean of the CSU graduate school, who is in charge of the Peshawar contract.

Colorado State University contracted in 1954 to assist the new university in Pakistan in building its educational research and extension program in agriculture, engineering, home economics and forestry. The original contract was extended for one year in 1957 and renewed for another three-year period in July of this year.

The project is one of 85 ICA-financed arrangements between American universities and institutions in under-developed foreign countries. Many other CSU staff members have been to Pakistan at various times during the last four years as advisory group members or short-time consultants.

Research Project Aims At Design Improvement For Irrigation Systems

A project aimed at improving design of farm irrigation systems to increase the efficiency of water application will get underway with a Western Regional project supported by federal funds and participated in by the 11 Western States and Hawaii.

Working with the project is the Agricultural Engineering department of the CSU Experiment Station. Norman A. Evans, department head, says his group will concentrate on a study of water flow in small irrigation furrows. Such factors as size, shape and slope of the furrow and erosion will be examined.

The project will include laboratory work on the CSU campus and field trials in the Colorado River Basin at Grand Junction. Evans says present information on irrigation system design is inadequate. The five-year study is expected to reveal principles which will avoid much of the water loss in irrigation.

Need for more efficient water use is even more essential under pressure of water compacts and increased irrigation farming.

Agencies cooperating in the study include the CSU Experiment Station, the USDA’s Agricultural Research Service, the Mesa County Research Committee, the Soil Conservation Service, the U. S. Bureau of Reclamation and local irrigation companies, merchants and utilities in the Grand Junction area.

Corncoy have about three-fifths of the feeding value of shelled corn, according to animal nutritionists.

Scientists and farmers are making good progress toward eliminating tuberculosis and brucellosis in cattle.