

U.S. Department of Commerce, Washington 25, D.C. A list of the papers may be obtained from OTS for 25 cents.

* * *

The name of the University of Pennsylvania's School of Auxiliary Medical Services has been changed to the School of Allied Medical Professions. The academic programs at the school offer bachelor of science degrees in physical therapy, occupational therapy, oral hygiene, and medical technology. The school also offers certificates in physical therapy and occupational therapy to graduate students who have received their bachelor's degrees.

* * *

In an Air Force demonstration last month a Bomarc missile "destroyed" a 1000-mile-an-hour target missile. Although both missiles were launched at the Cape Canaveral test center, the Bomarc was under fire control by a SAGE air defense network center at Kingston, N.Y., 1500 miles away. The target missile was flying 75 miles away from the test center at an altitude of 4800 feet. The "knock-down" was simulated—recorded by an instrument—and the target missile later crashed near the cape landing strip.

* * *

The National Science Foundation has announced that 642 grants totaling \$12,162,513 were awarded during the quarter ending 30 June 1958 for the support of basic research in the sciences, for conferences in support of science, for exchange of scientific information, and for training of science teachers. This is the fourth group of awards to be made during fiscal year 1958. During the first three quarters, awards totaled approximately \$25.2 million.

Scientists in the News

Sir RUDOLPH PETERS, a biochemist of Babraham College, Cambridge University, was elected president of the International Council of Scientific Unions at the closing meeting of that body's general assembly in Washington. W. A. ENGLEHARDT of the Academy of Sciences of the U.S.S.R. and PERE LEJAY of France were elected vice presidents. NICOLAI HERLOFSON of the Royal Institute of Technology, Stockholm, Sweden, became secretary-general, and E. HERBAYS of Belgium was reelected treasurer.

The American Institute of Electrical Engineers' Medal in Electrical Engineering has been awarded to J. F. CALVERT of the University of Pittsburgh, "in recognition of his distinguished service as a teacher of electrical engineering and as evidence of the high esteem in which his contributions are held by his

fellow members of the American Institute of Electrical Engineers." Calvert, who is head of his university's electrical engineering department, will be presented the medal on 27 October during the opening session of the institute's 5-day fall general meeting at Pittsburgh.

The four winners of the American Heart Association's 1958 Howard W. Blakeslee Awards are as follows:

EUGENE J. TAYLOR, science writer, the *New York Times*, for a series of four articles which explained the nature and effects of cerebrovascular accidents, or strokes. The articles were published 28 through 30 November 1957.

LEE GEIST, management editor, *Business Week*, for his article, "Must Cardiacs Go on the Shelf?," which surveyed the attitudes of business and the medical profession regarding the employment of persons who have suffered a heart attack. The article was published on 8 June 1957.

"Hemo the Magnificent," television film, illustrating the function of the heart and the circulation of the blood, produced by Frank Capra as one of the Bell System Science Series and broadcast over the CBS-TV network on 20 March 1957.

"Stroke," a live-television program broadcast on 27 April 1957 which showed how stroke victims can be helped by early rehabilitation in the hospital and in the home. The program was part of the "Medical Horizons" series sponsored by Ciba Pharmaceutical Products, Inc.

JAMES J. STOKER, JR., associate director of New York University's Institute of Mathematical Sciences, has been named director of the institute. He succeeds RICHARD COURANT, who retired on 31 August. Courant is now professor emeritus of mathematics and science adviser to the university.

Scientific visitors to the United States from the United Kingdom include the following.

R. GOLDSMITH, a member of the Medical Research Council's scientific staff at the National Institute for Medical Research, Division of Human Physiology, London, is spending 6 to 8 weeks (which began early in September) in the department of pathobiology, Johns Hopkins University. Following his visit there, he will join a research party that is to be sent to the Antarctic for about 7 months.

D. W. GREEN, member of the Medical Research Council's external staff at Davy Faraday Research Laboratory, Royal Institution, London, will spend a year with Rich at the Massachusetts Institute of Technology.

J. MANDELSTAM of the bacterial physiology division, National Institute for Medical Research, London, has been granted leave of absence for a year to take up a research fellowship in the department of bacteriology at the Harvard Medical School from 1 October till 31 January 1959, and to work with Holvorson at the University of Wisconsin from 1 February till 30 September 1959.

ROBERT E. WOODSON, JR., professor of botany at Washington University, has been appointed curator of the herbarium of the Missouri Botanical Garden.

HENRY W. RIECKEN, JR., professor of sociology at the University of Minnesota, has been appointed program director for social science research at the National Science Foundation. He replaces HARRY ALPERT, who has accepted a position as dean of the Graduate School, University of Oregon.

JOSEPH SIMON, formerly of the University of Wisconsin, has been appointed associate research professor in the Cancer Research Laboratory of the University of Florida. He is in charge of the section on experimental pathology.

JOHN S. HALL became director of the Lowell Observatory on 1 September. For the past 10 years Hall was director of the Astrometry and Astrophysics Division of the U.S. Naval Observatory.

CLAUDE E. SHANNON has been appointed to be the first Donner professor of science at Massachusetts Institute of Technology. The chair was established recently with a grant of \$500,000 from the Donner Foundation of Philadelphia.

JOHN L. FULLER, senior staff scientist at the Roscoe B. Jackson Memorial Laboratory, has been appointed assistant director for training at that institution. Effective 1 October, Fuller will direct all educational programs at the Jackson Memorial Laboratory. These include training courses for students at all levels, from precollege through postdoctoral grade.

ELWOOD R. QUESADA, lieutenant general, U.S. Air Force (ret.), has been appointed by President Eisenhower to head the newly established Federal Aviation Agency. He had been the President's special assistant on aviation matters.

E. LENDELL COCKRUM, associate professor of zoology at the University of Arizona, has been appointed research associate in the department of mammals of the American Museum of Natural History in New York.