

WILLIAM M. MERRILL, associate professor of geology at the University of Illinois, has been appointed professor and chairman of the department of geology at Syracuse University, effective 1 September. He succeeds EARL T. APFEL, who retired in June after 15 years as head of the department.

H. O. HENDERSON, for many years head of the dairy husbandry department and now professor of dairy husbandry at West Virginia University, was given the \$1000 Teaching Award in Dairy Production of the National Dairy Products Corporation at the 53rd annual meeting of the American Dairy Science Association at North Carolina State College.

FRITS W. WENT, director of the Earhart Plant Laboratory and professor of biology at the California Institute of Technology, has been appointed director of the Missouri Botanical Garden, St. Louis. HUGH CUTLER, who has been acting director of the garden since December 1956, has been appointed executive director.

JAMES N. SPUHLER has been appointed acting chairman of the department of anthropology at the University of Michigan, effective 1 July. He replaces FREDERICK P. THIEME, who becomes assistant to the president of the University of Washington on 1 August.

G. G. HARRIS, of Columbia University's physics department, and HOWARD GREENBERG and AUREL SEIFERT, both of the City College physics department, have formed the Manhattan Physical Research Group, Inc., located at 556 W. 191 St., New York.

Winners of awards for the five best essays on gravity have been announced by the Gravity Research Foundation, New Boston, N.H. The first award of \$1000 was given jointly to GUISEPPE COCCONI and EDWIN SALPETER, professors of physics and nuclear studies at Cornell University, for their paper on "A Search for Anisotropy of Inertia." The second award of \$300 was given to QUENTIN A. KERNS of the University of California Radiation Laboratory, Berkeley, for his essay, "A Proposed Laboratory Measurement of the Velocity of Propagation of Gravity."

The remaining awards were made as follows: third award of \$200 to JOSEPH WEBER, University of Maryland; fourth award of \$150, to WINSTON H. BOSTICK, physics department, Stevens Institute of Technology; and fifth award of \$100, to FRITZ ZWICKY, Mount Wilson and Palomar Observatories, Carnegie Institution of Washington, California Institute of Technology, Pasadena.

LYELL F. THOMPSON has been named leader of the University of Arkansas soil testing project. He replaces R. L. BEACHER, who resigned last December to take a position as field representative with the American Plant Food Institute. As associate professor of agronomy, Thompson will be in charge of activities of the Soil Testing and Research Laboratory of the Arkansas Agricultural Experiment Station, including the Eastern Arkansas Branch Laboratory at Marianna. In addition, he will teach courses in soils at the university.

HAROLD K. WILSON, former director of the Division of Intermediate Registration at Pennsylvania State University, has been named the university's associate dean for research and development. He also is a professor of agronomy.

JAMES A. HALSTED, director of Professional Services, Syracuse Veterans Administration Hospital, and associate professor of medicine, State University of New York Medical Center in Syracuse, will be visiting professor of medical science at the University of Shiraz, Iran, for the academic year 1958-59. Halsted will return to his present position in June 1959.

For the first time since 1953 the American Heart Association has made awards in its highest category: Career Investigator. This provides lifetime support for research workers of outstanding ability. The three men chosen were: DAVID B. SPRINSON, professor of biochemistry at Columbia University; JOHN V. TAGGART, professor of medicine at Columbia University; and LEWIS W. WANNAMAKER, associate professor of pediatrics at the University of Minnesota.

GEORGE ROSEN, Columbia University Faculty of Medicine, will give the first annual Victor Robinson Lecture in History of Medicine at Temple University School of Medicine on 23 September 1958. This lectureship, named in honor of VICTOR ROBINSON, professor of history of medicine at Temple University from 1929 until his death in 1947, is appropriately initiated by Rosen, medical historian and personal friend of Robinson.

WILLIAM S. TILLET was honored on 24 June in the Bellevue Hospital Center when new research laboratories in the department of medicine of New York University's College of Medicine were dedicated in his name. Tillett retired on 1 July as professor and chairman of the department of medicine and as director of the Third Medical (N.Y.U.) Division

of the Bellevue Hospital Center. Tillett is now full-time project director for research in the field of allergy and infectious diseases at N.Y.U.-Bellevue Medical Center. A 5-year program began on 1 September 1957 under the auspices of the National Institute of Allergy and Infectious Diseases.

Recent Deaths

CYRUS L. COX, Newark, N.J.; 70; professor emeritus of pharmacy at the Rutgers University College of Pharmacy; former professor of pharmacy at Valparaiso University; expert on emulsions; 23 June.

BERGEN DAVIS, New York, N.Y.; 89; professor emeritus of physics at Columbia University; advanced the study of the excitation and ionization of gaseous atoms by electron impact; invented a double-crystal spectrometer; 30 June.

DONALD A. FLANDERS, Chicago, Ill.; 57; director of the Applied Mathematics Division at Argonne National Laboratory; professor of mathematics at New York University from 1929 to 1948; head of the computing section of the Theoretical Physics Division at the AEC installation at Los Alamos, N.M., from 1943 to 1946; 27 June.

HARRY N. HOLMES, Oberlin, Ohio; 78; professor emeritus of chemistry at Oberlin College; crystallized vitamin A; introduced the laboratory technique of chromatography into the United States; expert on colloids; president of the American Chemical Society in 1942; 1 July.

HOMER L. STANTZ, Rapid City, S.D.; 82; professor of botany at the University of Arizona and expert on grasses, arid lands, and plant geography; president of the University of Arizona from 1928 to 1936; 23 June.

ANDRIJ ASTAMPAR, Zagreb, Yugoslavia; 69; president of the Yugoslav Academy of Sciences and Arts; ex-president of the Assembly of the World Health Organization; former professor of medicine at the University of California and of public health and social medicine at the University of Zagreb; health expert with the League of Nations; 25 June.

CARL K. STEWART, Teaneck, N.J.; 60; metallurgist at the Curtiss-Wright Corporation; 27 June.

MALCOLM R. THORPE, New Haven, Conn.; 67; geologist and paleontologist; curator of vertebrate paleontology at the Peabody Museum at Yale University; 23 June.

FRANK T. WOODRUFF, New Haven, Conn.; 86; retired vice president of Associated Seed Growers, Inc.; specialist in breeding of vegetables, particularly peas and beans; 25 June.