

was assistant director in charge of development for Colgate-Palmolive Company.

ROGER REVELLE, director of the Scripps Institution of Oceanography at La Jolla, Calif. is one of nine specialists appointed by the director-general of UNESCO to serve on the newly established International Advisory Committee on Marine Sciences.

H. THERON THOMPSON, formerly assistant to the director of research for the General Aniline and Film Corporation at Easton, Pa., has been appointed as consultant on operations analysis at the General Electric Research Laboratory, Schenectady, N.Y.

MELVIN MARTENS, for the past 6 years an electronic scientist at the National Bureau of Standards, has been named an electronics project leader in the medical equipment division of the Colson Corporation, Elyria, Ohio. He has been assigned to development work in connection with electronic hospital equipment, including automatic blood pressure recorders and cuvette densitometers.

J. TH. G. OVERBEEK, director of the Van't Hoff Laboratory, Utrecht, the Netherlands, is delivering this year's Falk-Plaut lectures in chemistry at Columbia University. The subject of the lectures is "Electrochemistry of colloids and phase boundaries."

HEINZ G. F. WILSDORF, principal research officer of the National Physical Laboratory, Council for Scientific and Industrial Research, Pretoria, Transvaal, Union of South Africa, will join the staff of the Franklin Institute early in the summer as senior research metallurgist in the Solid State Physics Division. Wilsdorf has recently published several papers on the slip band formation and the surface structure of deformed aluminum. Some of his most recent work has concerned the study of dislocations as evidenced by precipitation in aluminum copper alloys.

RENNE S. JULIAN has been appointed technical director of the Hughes Aircraft Company guided missile laboratories. With Hughes since 1949, Julian previously served as head of the electronics department of the laboratories. His patents and publications include work in microwaves, electron tubes, and molecular beam measurements.

HUGO THEORELL, 1955 Nobel prize winner in physiology and medicine and director of the biochemical department of the Nobel Institute in Stockholm, Sweden, delivered the 52nd an-

nual Christian A. Herter lecture at the New York University College of Medicine on 5 Mar. He spoke on "Kinetics and equilibria in flavoprotein enzyme systems."

EDWARD J. HUGHES, manager of Eli Lilly and Company's analytical department for the last 25 years, retired on 29 Feb. During his service with Lilly, Hughes has been a leading proponent of the advancement of analytical methods and techniques through the use of instrumentation.



A native of Pennsylvania, Hughes was graduated from the Philadelphia College of Pharmacy and Science in 1916 with the degree of doctor in pharmacy. In 1925 he did graduate work in experimental organic chemistry at the University of Pennsylvania, and in 1938 he was awarded an honorary master of pharmacy degree by the Philadelphia College of Pharmacy and Science.

After a year's military service in World War I, Hughes returned in 1919 to the Philadelphia College of Pharmacy as an instructor and, later, assistant professor of chemistry. He joined Lilly in 1927 as assistant to the production superintendent and was transferred 2 months later to the formula control department as a pharmaceutical chemist; he has held his present post since 1930. Hughes has been a member of the editorial staff of Remington's *Practice of Pharmacy* for the last four editions and has been associated with many revisions of the *U.S. Pharmacopoeia*.

Recent Deaths

MARY F. BABCOCK, Providence, R.I.; 61; authority on natural history; coauthor of a series of science textbooks; 2 Mar.

ANGELO E. BENAGLIA, Washington, D.C.; 48; biochemist; staff member of the National Academy of Sciences-National Research Council; 3 Mar.

CAMERON DUNCAN, Brooklyn, N.Y.; 80; clinical professor emeritus of obstetrics and gynecology at the State University of New York College of Medicine; 4 Mar.

LOWELL A. ERF, Philadelphia, Pa.; 48; assistant professor of medicine at Jefferson Medical College and assistant director of the Charlotte Drake Cardeza Foundation; 30 Jan.

ARTHUR FELIX, London, England; 68; former director of the Central Enteric Reference Laboratory; codiscoverer of the Weil-Felix reaction for typhus diagnosis; developer of the Vi-phage

typing method for tracing typhoid epidemics; 14 Jan.

WILLEM H. KEESOM, Leyden, the Netherlands; 79; professor of physics at Leyden University, 1923-45; specialist in low-temperature research and the first scientist to solidify helium; 4 Mar.

FRANKLIN DAVID KEIM, Hardy, Neb.; 69; chairman of the department of agronomy at the University of Nebraska, 1932-52; president of the American Society of Agronomy in 1943; secretary of AAAS Section O since 1954; 7 Mar.

CARL H. LAWS, Brooklyn, N.Y.; 71; former professor of pediatrics and professor of child health and welfare at Long Island College of Medicine; 29 Feb.

PATRICK J. MCKENNA, New York, N.Y.; 58; authority on horticulture; former assistant horticulturist at the New York Botanical Gardens; 2 Mar.

JOSEPH PRATT, Boston, Mass.; 83; emeritus professor of medicine at the Tufts College medical school; 3 Mar.

FRED T. ROGERS, JR., Columbia, S.C.; 41; head of the physics department at the University of South Carolina; 22 Feb.

JOHN H. VAN DEVENTER, Brewster, N.Y.; 74; engineer; former editor of *Iron Age*; 5 Mar.

Grants, Fellowships, and Awards

■ Entries for the fourth annual Howard W. Blakeslee awards competition of the American Heart Association may be submitted through 1 May. The competition is open to newspaper and magazine articles, books, radio and television programs, and films published or produced between 1 Mar. 1955 and 1 Mar. 1956.

The number of awards to be made, each carrying a minimum honorarium of \$500, will be determined by the judges. Presentation of the awards will take place during the annual meeting of the AHA in Cincinnati, Ohio, 27-31 Oct.

■ A trust, estimated at slightly more than \$100,000, has been established at the University of Wisconsin by Joseph S. Daniels of Rhinelander, Wis., the income of which is to support a professorship in the University of Wisconsin Medical School. The holder of the professorship will be known as the Doctor Alfred D. Daniels professor on diseases of children. The Medical School plans to make an appointment to this professorship in the near future.

■ A series of special scholarships aimed at increasing the number of adequately trained secondary school science teachers has been established at Massachusetts Institute of Technology. Beginning next fall the institute will award a number of scholarships in amounts ranging up to