

master of science, master of public health, and doctor of science degrees in medicine, dentistry, veterinary medicine, and the biological sciences involved in health services. Bates (R Mass.) House Armed Services.

HR 3238. Provide for extension of terms of patents where use, exploitation, or promotion thereof was prevented, impaired, or delayed by causes due to war, national emergency. Keeney (R Ill.) House Judiciary.

HR 3377. Promote national defense by authorizing construction of aeronautical research facilities and the acquisition of land by National Advisory Committee for Aeronautics necessary to the effective prosecution of aeronautical research. Durham (D N.C.) House Armed Services.

HR 3419. Authorize contributions to colleges and universities to provide buildings for instruction in military science. Van Zandt (R Pa.) House Armed Services.

S Res 55. Examine administration of Patent Office and statutes *re* patents, copyrights, and trademarks. Eastland (D Miss.) Senate Judiciary.

HR 3388. Amend Communications Act of 1934, to direct Federal Communications Commission to provide for licensing of television reflector facilities and VHF translator facilities. Horan (R Wash.) House Interstate and Foreign Commerce.

HR 3424. Create a Department of Transportation and Communications and prescribe its functions. Younger (R Calif.) House Government Operations.

HR 3394. Relating to certain inspections and investigations in metallic and nonmetallic mines and quarries (excluding coal and lignite mines) for purpose of obtaining information *re* health and safety conditions, accidents and occupational diseases therein. Kelley (D Pa.) House Education and Labor.

HR 3237. Authorize state of Illinois and Metropolitan Sanitary District of Greater Chicago, under direction of Secretary of Army, to test, on a 3-year basis, the effect of increasing the diversion of water from Lake Michigan into the Illinois Waterway. Keeney (R Ill.) House Public Works.

Scientists in the News

ALAN T. WATERMAN, director of the National Science Foundation, has received the first annual Captain Robert Dexter Conrad award of the Office of Naval Research. The award has been established to recognize outstanding technical and scientific achievements in research and development for the Navy. It is named for Captain Conrad, who, as first head of the Planning Division of

ONR, was the primary architect of the Navy's basic research program.

The citation, signed by the Secretary of the Navy, reads as follows:

"For your outstanding contribution to the organization and long-range scientific objectives of scientific research administration in the Navy. For your vision and leadership in the successful establishment of new concepts and programs in Naval Science. For your personal and exemplary dedication to the building of a solid foundation for the role of the Office of Naval Research in the modern Navy, thereby creating a permanent benefit to the National Defense."

Waterman joined ONR in 1946 at its inception. Under his guidance and leadership, ONR became a laboratory for developing effective relationships and procedures between Government and science. His reputation for integrity and his forthright views on freedom of scientific direction, coupled with his standing in the scientific community, silenced scientists' fears that Government support would mean a loss of scientific freedom. This pioneering work in Government-science relationships has resulted in an expansion of scientific support by other Government agencies.

Waterman also realized the great need for scientific manpower, and the ONR contract research program emphasized advanced technical training and assistance to graduate students. The transition of the scientific and technologic potential of ONR from wartime development to peacetime research was smoothly accomplished under Waterman's direction.

MYRON G. DEFRIES, formerly chief of the test section at the Army Prosthetics Research Laboratory in the Walter Reed Army Medical Center, Forest Glen, Md., has joined the chemistry division of the Atlantic Research Corporation, Alexandria, Va. He will be concerned with polymer chemistry research in connection with the company's solid propellant rocket fuel projects.

JAMES B. CONANT, chemist, former president of Harvard University, and recently ambassador to the Republic of Germany, will undertake a study of some of the problems of the comprehensive high school in the United States. The Carnegie Corporation of New York will support his research.

Conant, who will be assisted by several coworkers, is now making plans for the work, which he expects to start next fall. He will be particularly interested in the education of the more talented youth of the community. He expects to turn for advice to the Educational Testing Service, the National Education Association, and the American Council on Education.

MARION A. BLANKENHORN, professor emeritus of the College of Medicine, University of Cincinnati, has been appointed director of education in the department of internal medicine of the Jewish Hospital, Cincinnati, Ohio. Blankenhorn, who has done work in pathology for the Rockefeller Institute, is a regent and former governor of the American College of Surgeons.

WLADIMIR PHILIPPOFF, principal scientist at the Franklin Institute Laboratories for Research, has been appointed chief of the rheology section that was recently established in the chemistry and physics division of the laboratories. A member of the staff since 1952, Philippoff has been engaged in research on rheological and structural properties of colloids and polymers and in the development of new methods for measuring the mechanical properties of such materials.

Philippoff was a member of the staff of the Kaiser Wilhelm Institute of Chemistry for 15 years before he came to the United States in 1948. His publications include a book entitled *Viskosität Der Kolloide*, which has been used widely as a definite treatment of viscosity.

Z. I. KERTESZ, professor of chemistry in the department of food science and technology at the New York State Agricultural Experiment Station, Cornell University, Geneva, has been granted a sabbatical leave to allow him to serve as food technologist on a military nutrition survey in Turkey. The 3-month survey will start in April and will be under the joint auspices of the Turkish Government and the U.S. Interdepartmental Committee on Nutrition for National Defense.

WILLIAM F. HEWITT, professor of physiology and acting chairman of the division of the basic sciences at Des Moines Still College of Osteopathy and Surgery, has accepted the position of director of pharmaceutical information in the research laboratories of Mead Johnson and Company in Evansville, Ind., effective 1 Apr.

Outstanding research achievements earned Borden awards of a gold medal and \$1000 for each of nine American scientists during 1956. The winners, to whom the awards have already been presented, are named in an annual directory just released by the Borden Company Foundation. The 1956 recipients and the administering groups are as follows:

SAM R. HOOVER, assistant executive director, President's Commission on Increased Industrial Use of Agricultural Products, for studies relating the prop-

erties of casein to its chemical constitution (administered by the American Chemical Society).

FRANK M. STRONG of the University of Wisconsin, for studies of numerous naturally occurring, physiologically active organic substances (administered by the American Institute of Nutrition).

A. ASHLEY WEECH of the University of Cincinnati College of Medicine, for contributions in the fields of pediatric investigation, with particular reference to rickets, nutritional edema, and physiological hyperbilirubinemia (administered by the American Academy of Pediatrics).

HARRY S. N. GREENE of the Yale University School of Medicine, for significant studies on the transplantation of tumors (administered by the Association of American Medical Colleges).

HERBERT L. GILMAN of the New York State Veterinary College at Cornell University, for outstanding research contributing to dairy cattle disease control (administered by the American Veterinary Medical Association).

ERNEST O. HERREID of the University of Illinois, for research on a wide variety of problems relating to the processing of dairy products (administered by the American Dairy Science Association).

PAUL D. STURKIE of Rutgers University, for his studies on the effects of potassium, thiamin, vitamin E, and drugs on heart function in the fowl, and the role of hormones and drugs on blood pressure, volume, and composition (administered by the Poultry Science Association).

HELEN L. GILLUM of the University of California, for work in organizing and carrying out the Western Regional nutrition study entitled "Nutritional Status of the Aging" (administered by the American Home Economics Association).

HARRY A. HERMAN, executive secretary of the National Association of Artificial Breeders, for notable work in the nutrition and breeding of dairy animals (administered by the American Dairy Science Association).

JOHN H. YOE, chairman of the chemistry department of the University of Virginia and director of the university's Pratt Trace Analysis Laboratory, received the \$1000 Fisher award in analytical chemistry on 8 Apr. during the 131st national meeting of the American Chemical Society. He was further honored by the society's division of analytic chemistry, which arranged a special program in recognition of his achievements as a pioneer in the fields of colorimetric analysis and the use of organic analytic reagents.

Brig. Gen. KENNETH E. FIELDS, U.S.A. (retired), general manager of the Atomic Energy Commission, has received the Distinguished Service Medal. The presentation was made by Lewis L. Strauss, chairman of the AEC, on behalf of Gen. Maxwell D. Taylor, chief of staff, U.S. Army.

Fields has been general manager since May 1955; before that date he was director of the commission's Division of Military Application. He was honored for outstanding service in that post. The citation stated that he had "rendered exceptional service in the planning, organization and direction of the atomic energy weapons program and in the coordination of this program with the requirements of the Department of Defense. His resourcefulness, sound judgment, extensive technical knowledge, and untiring efforts contributed greatly to our present state of readiness for nuclear warfare, thereby tremendously enhancing the security and common defense of the United States. . . ."

KURT ATERMAN, senior lecturer in the department of anatomy at the Medical School of Birmingham, Birmingham, England, has been appointed the first May Cave Willett research postdoctoral fellow in Lying-in Hospital of the University of Chicago. The appointment, supported through a grant of \$100,000 by Howard Willett, Sr., in honor of his wife, is one of the first made to initiate Lying-in Hospital's new research program in the physiology of reproduction.

Aterman is undertaking a study of histological and chemical changes in the cells of the endometrium, the lining of the uterus, using electron microscopy. It is suspected that defects in the mechanism of the endometrium are sometimes responsible for miscarriage.

HARRY EAGLE will deliver the 54th annual Christian A. Herter lecture of the New York University College of Medicine at 4 P.M., on 10 Apr., in the amphitheater of the Bellevue Psychiatric Hospital, New York. Eagle, who is chief of the section on experimental therapeutics of the National Institute of Allergy and Infectious Diseases, National Institutes of Health, will speak on "The metabolism of amino acids in tissue culture."

WILHELM KLEMM, chemist, of Munster University, Germany, will be guest speaker at the first dinner of the American Chemical Society's new division of inorganic chemistry that will take place on 10 Apr. at the Biscayne Plaza Hotel, Miami, Fla., during the society's annual meeting. He will speak on complex materials containing oxygen and fluorine. Klemm also will take part in an

all-day symposium on "Unfamiliar oxidation states of the elements," which will consider new methods of deriving important industrial raw materials.

Another visitor from abroad who will attend the ACS meeting is RONALD S. NYHOLM, professor of inorganic chemistry at Imperial College, London, England. He will participate in a symposium on "The present status of inorganic chemistry."

WILLARD C. RAPPLEYE, dean of the Faculty of Medicine at Columbia University since 1931, has received the Federation of State Medical Board's award of merit for "early and continued leadership in promoting the welfare of the medical profession."

Recent Deaths

WILLIAM S. BARTON, Pasadena, Calif.; 59; science editor of the *Los Angeles Times*; 12 Mar.

CYRUS W. CULVER, Washington, D.C.; 71; former clinical professor of obstetrics at George Washington University School of Medicine; 17 Mar.

JOHN W. HALL, Jackson Heights, N.Y.; 50; professor of pathology at the New York University College of Medicine; 20 Mar.

SEALE HARRIS, Birmingham, Ala.; 87; discoverer of hyper-insulinism; former owner and editor of the *American Medical Journal*; 16 Mar.

PETER M. HELDT, Nyack, N.Y.; 82; retired engineering editor of *Automotive Industries*; 12 Mar.

JOHANNES K. PETSCHOW, Glen Ridge, N.J.; 59; chief chemist for the Royce Chemical Company; 18 Mar.

JOHN B. ROXBY, Swarthmore, Pa.; 85; professor emeritus of anatomy at the Temple University Medical School; 18 Mar.

EARL R. SERLES, River Forest, Ill.; 66; dean of the College of Pharmacy of the University of Illinois; 13 Mar.

HENRY E. SIGERIST, Pura, Switzerland; 65; retired professor and director of the Institute of Medical History at Johns Hopkins University; vice president of AAAS Section L in 1943; 17 Mar.

PERCY H. THOMAS, Montclair, N.J.; 84; retired electrical engineer; 18 Mar.

BORIS YUREV, Moscow, Russia; 68; aeronautical engineer who twice won the Stalin prize for his work in aeronautics, which included helicopter construction; announced 17 Mar.

GEORGE ZILINSKAS, Waterbury, Conn.; former professor of anatomy at the University of Vytautas the Great and vice dean of the medical school in Kaunas, Lithuania; 16 Mar.