

Scientists in the News

LINUS PAULING has resigned as chairman of the division of chemistry and chemical engineering at California Institute of Technology after 21 years in the post. He will continue at the institute as professor of chemistry. Pauling is succeeded in the chairmanship by ERNEST H. SWIFT, a member of the faculty for 38 years. Swift is one of the leading American analytical chemists and is known for the application of physico-chemical principles to chemical analysis.

GREGORY PINCUS, director of research at the Worcester Foundation for Experimental Biology, Shrewsbury, Mass., has been awarded the Oliver Bird Prize for 1958, according to announcement by the trustees in London, England. The award—250 pounds and a medal—was for a paper by Pincus on "Fertility Control With Oral Medication" and for "contributions made in the Worcester Foundation for Experimental Biology under his direction to the study of fertility and its control." Pincus gave the Oliver Bird lecture in London last April at the London School of Hygiene and Tropical Medicine.

FRITS ZERNIKE of Groningen University, Groningen, Netherlands, 1953 Nobel Prize winner in physics, ended his 43-year academic career at Groningen with a final lecture on 16 June. Cables were sent from all parts of the world, and a farewell ceremony was attended by many leading Dutch and foreign physicists. Zernike is known for his work in phase-contrast microscopy.

ARTHUR C. COPE, head of the department of chemistry at the Massachusetts Institute of Technology, has been designated by Columbia University as the Charles Frederick Chandler Lecturer and Medalist for 1958. Cope will deliver his lecture and receive the medal at Columbia on the evening of 22 October.

WILLIAM P. FIDLER, has been appointed general secretary of the American Association of University Professors, effective 1 September. He succeeds ROBERT K. CARR, who has been in charge of the association's Washington office during a year's leave of absence from Dartmouth College. Fidler joined the association's staff in June 1956 from the faculty of the University of Alabama, where he taught American literature and English composition for 26 years.

Surgeon General Leroy E. Burney of the Public Health Service has announced two promotions to the rank of assistant surgeon general: M. ALLEN POND, a commissioned officer of the Public Health Service who has been on

detail from the PHS to the Office of the Secretary of Health, Education, and Welfare since 1953; and JOHN C. CUTLER, who has been assistant director of the National Institute of Allergy and Infectious Diseases since January 1958. The latter succeeds ARNOLD B. KURLANDER, now deputy chief of the PHS's Bureau of Medical Services.

JEROME CORNFELD, assistant chief of the biometrics branch, Division of Research Services, National Institutes of Health, has been appointed to two professorships at the Johns Hopkins Medical Institutions, effective 1 July. He is professor and chairman of the department of biostatistics in the School of Hygiene and Public Health, succeeding WILLIAM G. COCHRAN, and is also filling the newly created post of professor of biomathematics in the School of Medicine.

This year's honorary degree recipients include the following:

GORDON W. ALLPORT, professor of psychology at Harvard University, from Boston University.

CARL K. BECKER, deputy field director of the African Inland Mission, from Hahnemann Medical College.

FRANK MACFARLANE BURNET, director of the Walter and Eliza Hall Institute for Medical Research at the Royal Melbourne Hospital, Melbourne, Australia, from Hahnemann Medical College.

JOHN P. HAGEN, director of the U.S. Navy's Project Vanguard, from Boston University.

EUGENE ROOT, vice president of Lockheed Missiles, Sunnyvale, Calif., and general manager of its Missile Systems Division, from the College of the Pacific.

HARDY L. SHIRLEY, dean of the State University College of Forestry at Syracuse University, from the University of Helsinki, Finland.

PAUL A. SIPLE, biogeographer, research and development division, Office of Chief of Staff, War Department, from Boston University.

ALAN T. WATERMAN, director of the National Science Foundation, from American University.

HEINZ HARTMANN, a member of the faculty of the New York Psychoanalytic Institute, has been selected to receive the 1958 Charles Frederick Menninger Award of the American Psychoanalytic Association. The award is being presented in connection with the publication of Hartmann's classical paper on "Ego Psychology and the Problem of Adaptation." This paper was originally published in German in 1939. It appeared in its first English translation in June.

CHARLES B. HUGGINS, professor of urology at the University of Chicago and director of its Ben May Laboratory for Cancer Research, has received the University of London's third Comfort Crookshank Cancer Research Award. The award was conferred on 3 July by Lord Astor of Haver, council chairman of the Middlesex Hospital of the College of Medicine at London in recognition of Huggins' "fundamental contributions to surgery of cancer." A lecture by Huggins followed the presentation. On 7 July Huggins also received the Order of Merit from the president of the German Federal Republic.

ARTHUR A. WACHMANN, professor of practical astrophysics at the University of Hamburg, Germany, has begun a 6-month research program at Fordham University under the auspices of the National Science Foundation. He is participating in an investigation of variable stars in the Cygnus Cloud of the Milky Way. Wachmann is credited with the discovery in 1939 of the first flare star, a type of star that at irregular intervals and in a matter of minutes can increase in brilliance as much as 100 times. In addition, Wachmann also has four new comets to his credit. For each of the latter discoveries he received the James A. Donohoe Medal of the Astronomical Society of the Pacific.

HEINZ L. FRAENKEL-CONRAT of the University of California Virus Laboratory in Berkeley, and WILLIAM A. FOWLER, physicist at the California Institute of Technology, are joint recipients of the first annual California Scientist of the Year award of \$5000. The award is sponsored by the California Museum of Science and Industry, Los Angeles.

LYNFERD J. WICKERHAM and CECIL H. VANETTEN, scientists at the Northern Regional Research Laboratory of the U.S. Department of Agriculture's Agricultural Research Service, have received superior service awards. Wickerham was honored for his pioneering work on the biology of yeasts. VanEtten was recognized for resourcefulness in developing and applying methods of microanalysis to research on antibiotics, dextran, alkaloids, starch derivatives, paints, plastics, and other products made from agricultural commodities.

The American Nuclear Society has announced the establishment of an annual graduate student award in memory of MARK M. MILLS, former associate director of the Livermore Laboratory of the University of California Radiation Laboratory. Mills was killed in a helicopter accident on 7 April at the Eniwetok Proving Grounds.

JOHN C. NUNEMAKER, director of the education service in the Veterans Administration department of medicine and surgery in Washington, D.C., will leave the administration on 1 August to become associate secretary of the American Medical Association's Council on Medical Education and Hospitals in Chicago.

Smith College has announced the retirement of PAULINE BURT, professor of chemistry, and BENJAMIN M. SHAUB, associate professor of geology. Burt joined the faculty as an instructor 40 years ago. Shaub, also known as an ornithologist, went to Smith in 1931.

WILLIAM N. LIPSCOMB, JR., head of the division of physical chemistry at the University of Minnesota, has been selected to receive the 14th annual Harrison Howe Award, sponsored by the Rochester Section of the American Chemical Society. Lipscomb is a specialist in boron hydrides—chemical compounds that are used in fuels for jets and rockets. He will accept the award and present a lecture at a section dinner on 1 November.

JOHN A. KIRCHNER, associate professor of otolaryngology at the Yale University School of Medicine, has received the Harris P. Mosher Award of the American Laryngological, Rhinological, and Otological Society. He was honored for his report that a throat muscle, the cricopharyngeus, has a definite connection to the nervous system and is therefore affected not only by nervous tension but by many neurological diseases.

WILLIAM F. EHRET, professor of chemistry at New York University's Washington Square College of Arts and Science, has received the 1958 Oscar R. Foster Award of the Chemistry Teachers' Club of New York. The award goes each year to a teacher of chemistry "who has over a long period given devoted and noteworthy service."

JOEL WARREN, formerly of the National Institutes of Health, has been appointed director of biologics research at Chas. Pfizer and Company's new facility for biologics research and manufacture at Terre Haute, Ind. KEITH JENSEN, from the virus and rickettsia laboratories of the Public Health Service Communicable Disease Center, is in charge of the section, which is concerned with research on viral agents of the respiratory tract.

ABRAM N. KERNER, chemistry teacher at Stuyvesant High School, New York, has received the first annual \$1000 Nichols Foundation Chemistry Teachers Award of the American Chemical Society's New York Section.

PERRY BURGESS, who has been president of the Leonard Wood Memorial for the Eradication of Leprosy since its formation in 1928, retired on 30 June because of ill health. At the annual meeting of the Advisory Medical Board held on 15 February, the following resolution was unanimously adopted:

"The Advisory Medical Board of the Leonard Wood Memorial for the Eradication of Leprosy (American Leprosy Foundation) . . . wishes to record its appreciation of the services which Mr. Burgess has rendered to the Memorial and to the antileprosy movement throughout the world. Mr. Burgess played a dynamic role in the establishment of the Memorial and was largely responsible for the subsequent decision to devote its resources chiefly to scientific research. Through the work of the Memorial, his extensive travels, and his own publications, he has become internationally known for his dedication to the task. . . ."

HAROLD R. WANLESS, professor of geology at the University of Illinois, will spend the next 9 months in Australia on a senior Fulbright research fellowship. He will study Australian coal measures and carboniferous rocks, including many records of ancient glaciation, in the hope of achieving better understanding of sedimentation of North American coal measures. He also will lecture at the University of Sydney and before various learned societies.

GEORGE M. MOORE, chairman of the department of zoology at the University of New Hampshire, has accepted a Fulbright grant as a lecturer in marine biology at Chulalongkorn University, Bangkok, Thailand. He will arrive there on 5 July.

ROBERT S. SHANKLAND, Ambrose Swasey professor of physics at Case Institute of Technology, has resigned the chairmanship of the physics department after serving for 18 years. He will continue to hold the Swasey chair and will devote all of his time to teaching and research. Effective 1 July the administrative direction of the physics department was assumed by a departmental committee.

WILLIAM MONTAGNA, professor of biology and head of the department at Brown University, has been selected by the Colgate-Palmolive Company to receive an award of \$5500 in recognition of his many research contributions in the field of skin and hair biology. Montagna recently has embarked upon a study of the skin of primates. The award will aid Montagna in this research program, which will eventually include almost every known species in the primate class.

PAUL E. HEMKE, a vice president of Rensselaer Polytechnic Institute since 1955 and its provost since 1956, retired on 30 June. He joined the institute in 1935 and was head of its aeronautical engineering department from then till he became dean of the faculty in 1949.

Hemke was graduated from Wesleyan College. He holds an M.A. degree from the University of Chicago and a Ph.D. from Johns Hopkins University. He has taught at the U.S. Naval Academy, Northwestern University, Georgia Institute of Technology, and Case Institute of Technology.

Recent Deaths

JOSEPH B. BRENNAN, Cleveland, Ohio; 66; pioneer in electronics and the processing of metals who worked for 4 years under Thomas A. Edison; inventor of the fabricated plate condenser for the small radio; held 40 patents; 13 June.

SETH E. ELLIOTT, Indianapolis, Ind.; 66; head of the Butler University physics department from 1924 until his retirement in 1956; 14 June.

GORDON F. FERRIS, Palo Alto, Calif.; 65; professor of biology (entomology) at Stanford University, with which he was associated for 46 years; founder of the journal *Microentomology* and author of an eight-part monograph on the sucking lice and of seven volumes of the *Atlas of the Scale Insects of North America*; 21 May.

GEORGE D. HUBBARD, Oberlin, Ohio; 87; professor emeritus of geology and geography at Oberlin College; former president of the Ohio Academy of Science; author of the textbook, *Geography of Europe*; 11 June.

L. A. MEKLER, Queens, N.Y.; 63; consulting engineer in the ceramic metallurgical, and petroleum refining industry; held more than 80 patents; 15 June.

ALFRED E. SHERNDAL, Hudson, N.Y.; 72; retired vice president of Winthrop-Stearns, Inc., Rensselaer; known for his research and the production of a synthetic substitute for quinine in the treatment of malaria; 12 June.

MARGARET STANLEY-BROWN, New Milford, Conn.; 64; New York surgeon and instructor in the department of surgical pathology at Columbia University for 25 years; member of the surgical staff at New Milford Hospital; 12 June.

EDWARD J. STIEGLITZ, Washington, D.C.; 58; specialist in geriatric medicine and high blood pressure; author of *The Second Forty Years*; 12 June.

FRANK H. WARD, Rochester, N.Y.; 81; chairman of the board of Ward's Natural Science Establishment, Inc.; electrical engineer before he joined Ward's; 16 June.