

disposal. Although a great deal of industrial and municipal waste is discharged into the marine environment, research in this area has been largely neglected as compared to research on the fresh water environment. Further information about the program may be obtained from the Department of Conferences, University Extension, University of California, Berkeley 4, Calif.

News Briefs

The second program of the season in the "Conquest" television series, which will be devoted partly to cancer research and partly to the study of volcanoes, will be shown on 14 December at 5 P.M. (E.S.T.) on the CBS Television Network. Participating in the report on cancer research will be C. P. Rhoads, director of the Sloan-Kettering Institute for Cancer Research in New York. In the latter half of the program, the audience will be shown an active volcano—Kilauea in the Hawaiian Islands. Two volcanologists will participate: Gordon MacDonald, a geologist at the University of Hawaii, and Jerry Eaton, director of the Hawaiian Volcano Observatory at Kilauea. "Conquest" is presented in cooperation with the AAAS and the National Academy of Sciences, under the sponsorship of the Monsanto Chemical Company.

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The School of Allied Medical Professions of the University of Pennsylvania formally dedicated its new quarters at 39th and Pine Streets, Philadelphia, on 25 November. The completely renovated spacious old building makes it possible for the various academic programs of the school to be housed under one roof. These programs include physical therapy, occupational therapy, medical technology, and oral hygiene.

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The American Association of Poison Control Centers was formed in Chicago on 21 October 1958. Officers elected are as follows: president, Robert Grayson, organizer of the poison control center at Jackson Memorial Hospital, University of Miami School of Medicine; vice president, William C. Adams, University of Louisville School of Medicine; and secretary-treasurer, Harry Raybin, New York City Department of Health.

Membership is open to both individuals and organizations. The new association hopes to stimulate educational programs and scientific research on toxic substances; assist state and local officials and voluntary agencies in the field of poison control; set up standards for operation of poison control centers; provide information to the public and develop information services; and help develop insurance liability programs.

The Boston Psychoanalytic Society and Institute celebrated its 25th anniversary on 30 November. The theme of a special meeting, attended by some 600 people, was the creative role played by Boston psychoanalysts in the development in the United States of their specialty. The Society and Institute, which was formally organized in 1933, is the outgrowth of the early interest in the work of Sigmund Freud aroused among Boston physicians. James J. Putnam, first president of the American Neurological Association (1911) and first professor of neuropathology at Harvard, was a pioneer and was identified by Freud as "the first psychoanalyst in America." The original Boston Psychoanalytic Society, which was reorganized in 1933, was established in 1928 with Isador Goriat as the first president.

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The following chemicals are wanted by the National Registry of Rare Chemicals, Armour Research Foundation of Illinois Institute of Technology, 13 W. 33 St., Chicago 16, Ill.:

4-amino-3,5-dimethylbenzoic acid; 1,2,3,4-benzenetetracarboxylic acid (mellonic acid); 3-bromoanisole; 3-bromopropenylbenzene; 3-bromosalicylic acid; *p*-chlorocumene; cobaltous cyanate; diallyl bicyclo-(2.2.1)-hept-5-ene-2,3-dicarboxylate; 2,6-diaminobenzoic acid; 2,4-dichloro-3-methylphenol; *unsym*-diethyl dicyclohexyl thiuram disulfide; 1,4-dihydronaphthalene; 5,5-dimethylheptene-3; N-ethylallylamine; ethyl phosphine; hexakis(hydroxymethyl) melamine; N-hexanal; N-hexyl azide; lithium cyanide, anhydrous, and 4-trimethylsilylbenzoic acid.

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Contracting procedures of the National Aeronautics and Space Administration will conform in every practicable way to the Armed Services Procurement Regulations. This decision should be welcomed by potential NASA contractors, since industry has become quite familiar with the ASPR in the past 10 years. It will not be necessary to learn how to operate under widely divergent NASA regulations.

Scientists in the News

WALLACE R. BRODE, president of the AAAS and science adviser to the Secretary of State, was awarded the Medal for Distinguished Work in Spectroscopy of the Society of Applied Spectroscopy at the society's annual meeting in New York on 6 November.

HERMANN I. SCHLESINGER, professor emeritus of chemistry at the University of Chicago, has been named winner of the 1959 Willard Gibbs Medal of the Chicago Section of the American

Chemical Society. The medal will be awarded on 22 May 1959 at a dinner in the Furniture Club, Chicago. Schlesinger achieved fame for his basic research in the compounds of boron. The results of his scientific inquiries led to such far-ranging applications as rocket fuels and vitamin manufacture.

PAUL E. KLOPSTEG, AAAS president-elect, is the new chairman of the National Academy of Sciences-National Research Council's Committee on Atmospheric Sciences. He succeeds LLOYD V. BERKNER, president of Associated Universities, Inc., who resigned in order to devote his full energies to his new position as chairman of the Academy-Research Council's Space Science Board.

Since assuming the committee chairmanship, Klopsteg has retired from his position as associate director (research) of the National Science Foundation, with which he has been associated since 1951. Upon his retirement, Klopsteg was named special consultant to the NSF director for a period of a year.

The Committee on Atmospheric Sciences (originally the "Committee on Meteorology") was organized by the NAS in April 1956 for the purpose of bringing together scientists from meteorology and related physical and geophysical fields to view in broad perspective the present position and future requirements of meteorological research and to recommend the general outline of a program which would accelerate progress in this important field. In January 1958, an "interim report" of the committee offered a series of recommendations in pursuance of its goals. These included the granting of Federal funds to increase support for meteorological research in universities, the establishment of a National Institute of Atmospheric Research, and the creation of more promising career opportunities for young meteorologists.

I. S. RAVDIN, vice president for medical development, University of Pennsylvania, and professor of surgery, has received the first annual Lovelace Foundation Award. President Eisenhower sent a congratulatory telegram to Ravdin at the presentation ceremony in Albuquerque, N.M., where the foundation has headquarters.

Lt. Commander JOHN H. EBERSOLE, U.S. Navy, medical officer of the U.S.S. *Seawolf*, one of the Nation's first atomic-powered submarines, has received the Gorgas Medal for his role in the development of nuclear medicine. The \$500 award was presented on 19 November at the annual dinner of the Association of Military Surgeons in Washington, D.C. The Gorgas Medal is sponsored by Wyeth Laboratories in memory of Sur-

geon General William C. Gorgas, whose work in controlling yellow fever made possible the construction of the Panama Canal.

BENTLEY GLASS, professor of biology at Johns Hopkins University and for some years a member of the AAAS editorial board, will discuss "Genes and the Man—New Vistas" as a Sigma Xi national lecturer at a number of colleges and universities in December and January.

McCHESNEY GOODALL, formerly of the Duke University School of Medicine, has joined the staff of the University of Tennessee Memorial Research Center as research professor and assistant director. Goodall is a neurophysiologist whose interests include space medicine.

IAN CAMPBELL, professor of geology and executive officer of the Division of Geological Sciences at the California Institute of Technology, has been named chief of the Division of Mines in California's Department of Natural Resources, effective early in January 1959.

HACK ARROE has been named head of the Physics Division in the Denver Research Institute of the University of Denver.

ARTHUR UHLIR, JR., has joined Microwave Associates, Inc., Burlington, Mass., as director of semiconductor research and development. He was formerly a member of the technical staff of Bell Telephone Laboratories, Inc., Murray Hill, N.J.

The following mathematicians have reported new appointments for the academic year 1958–59.

C. W. CURTIS, associate professor on leave from the University of Wisconsin, has been appointed visiting associate professor at Cornell University.

R. J. DUFFIN, professor on leave from Carnegie Institute of Technology, has been appointed director of special research in applied mathematics at Duke University.

SIMON GREEN, associate professor at the University of Tulsa, has been appointed associate professor at the University of South Carolina.

J. W. HAMBLIN, assistant professor at Oklahoma State University, has been appointed director of the computing center and associate professor of statistics at the University of Kentucky.

T. E. HULL, associate professor at the University of British Columbia, has been appointed visiting associate professor at the California Institute of Technology.

D. A. KEARNS, assistant professor

at the University of Maine, has been appointed professor at Merrimack College.

O. M. KLOSE, associate professor at Seattle University, has been appointed associate professor at Humboldt State College.

JOHN KRONSBELN, professor at Evansville College, has been appointed professor at the University of Florida.

G. G. LORENTZ, professor at Wayne State University, has been appointed professor at Syracuse University.

E. P. MILES, JR., associate professor at Alabama Polytechnic Institute, has been appointed associate professor at Florida State University.

The University of Michigan has appointed ARLEN R. HELLWARTH as associate professor of engineering, effective 1 February 1959, and as secretary and assistant dean of the College of Engineering, effective 1 July 1959. He will do some teaching during the spring semester and then replace associate dean WALTER J. EMMONS, who is retiring on 30 June 1959. Since 1933, Hellwarth has been associated with the Detroit Edison Company. For ten of these years his work was concerned with engineering, planning, and operation of communication and electrical power systems. For 15 years, he served in supervisory positions and administrative work in various phases of personnel.

Also at Michigan, CHARLES G. GORDY, professor of industrial engineering, will retire as professor emeritus on 1 February 1959. He has been on the faculty of the College of Engineering since 1921. He became the first professor of industrial engineering at the university and was until recently the only one holding this title. During his 37 years of service, he has taught continuously without sabbatical leave, sick leave, or any other absence from duty.

Major General HOWARD G. BUNKER, U.S. Air Force (Ret.), has joined the staff of the Rand Corporation, Santa Monica, Calif., where he will serve as special assistant to E. J. Barlow, chief of the Engineering Division. Bunker's last military assignment was as deputy inspector general of the Air Force. Before that, for 4 years, he served as assistant for atomic energy, USAF headquarters.

EUGENE BOLLAY, meteorologist, has been appointed director of research, meteorology instrumentation, at BJ Electronics, Borg-Warner Corporation, Santa Ana, Calif. Bollay was formerly president and technical director of Northam Electronics, Inc., recently acquired by BJ Electronics. He will serve in specialized areas of instrumentation and applications, particularly as related to weather and meteorology.

Recent Deaths

PAUL O. CHATFIELD, Philadelphia, Pa.; 41; assistant professor of neurology at Jefferson Medical College; chief of the section of clinical neurophysiology at the National Institute of Neurological Diseases and Blindness, Bethesda, Md., 1953–56; assistant professor of physiology at the Harvard Medical School; 1946–53; 19 Nov.

LEE M. EATON, Rochester, Minn.; professor of neurology at the Mayo Foundation; chairman of the sections of neurology at the Mayo Clinic and president of the Association for Research in Nervous and Mental Diseases; president of the Central Neuro-Psychiatric Association in 1953; 19 Nov.

WARREN W. FUREY, Chicago, Ill.; 60; clinical professor of radiology at Loyola University's Stritch School of Medicine; chief radiologist at Mercy and at Little Company of Mary Hospitals; past president of the Radiological Society of North America, and of the Chicago Medical Society; 19 Nov.

CHARLES F. KETTERING, Dayton, Ohio; 82; mechanical engineer whose most important inventions are the automobile self-starter and the two-cycle diesel engine; retired in 1948 as vice president of the General Motors Corporation and director of the General Motors Research Laboratories; AAAS President, 1945; chairman of the National Inventors Council since 1940; chairman of Charles F. Kettering Inc., and vice president of the Charles F. Kettering Foundation, which he founded in 1925 at Antioch College; director of the National Cash Register Company at Dayton, for which he developed the first electric cash register, and director and first president of the Ethyl Corporation; 25 Nov.

WILLIAM H. LEAK, West Stamford, Conn.; 78; New York dentist, who in 1943 was named the first curator of Columbia University's Museum of the School of Dental and Oral Surgery; head of the Post-Graduate Dental Clinic of Columbia University; 21 Nov.

PAUL C. SQUIRES, New London, Conn.; 64; psychologist in the human engineering branch at the Navy Submarine Base; had been associate professor of psychology at the University of Vermont and assistant professor at the University of Kansas; taught at Sampson College (N.Y.) and at the University of Rochester; 25 Nov.

FRANK A. WATERMAN, Northampton, Mass.; 93; retired professor of physics, Smith College, where he taught from 1897 to 1933; taught at Purdue University and at Princeton before joining Smith; for many years chief examiner and chief reader in physics in the College Entrance Examination Board; designed apparatus for use in elementary physics laboratories; 17 Nov.