

WARDELL B. POMEROY and PAUL H. GEBHARD have been named codirectors of the Indiana University Institute for Sex Research, where they have been long-time staff members. They will carry on the work of ALFRED C. KINSEY, founder of the institute, who died on 25 Aug.

CHARLES D. W. THORNTON, for 13 years in the U.S. Atomic Energy Commission, has been appointed director of research for Farnsworth Electronics Company, Fort Wayne, Ind.

RAYMOND A. HEISING, radio pioneer and consulting engineer, who was associated with the Western Electric Company and Bell Telephone Laboratories from 1914 until his retirement in 1953, is to receive the Founders award of the Institute of Radio Engineers for his "leadership in Institute affairs, for his contributions to the establishment of the permanent IRE Headquarters, and for originating the Professional Group system." Presentation will be made at the annual IRE banquet to be held at the Waldorf-Astoria Hotel, New York, on 20 Mar. 1957 during the institute's national convention.

JULIUS A. STRATTON, chancellor of the Massachusetts Institute of Technology, is also to be honored at the banquet. He will be presented with the IRE medal of honor, the highest technical award in the radio and electronics field, for his "inspiring leadership and outstanding contributions to the development of radio engineering as a teacher, physicist, engineer, author, and administrator."

TORBEN H. MEISLING, formerly with the Lincoln Laboratory at the Massachusetts Institute of Technology, has joined the Stanford Research Institute as a senior research engineer in the computer laboratory. Meisling, who is a native of Copenhagen, Denmark, is a specialist in systems design and was in charge of transistor procurement, testing, and circuits theory at the Lincoln Laboratory.

McKEEN CATTELL, head of the department of pharmacology at Cornell University Medical College since 1936, has been appointed to the new position of administrator of grants for the American Cancer Society. During the current fiscal year, which began on 1 Sept., the society will allocate \$8 million for research.

MARSHALL N. ROSENBLUTH, a theoretical physicist at Los Alamos Scientific Laboratory, has joined the General Atomic Division of the General Dynamics Corporation, San Diego, Calif.

FERDINAND G. BRICKWEDDE, chief of the Heat and Power Division, National Bureau of Standards, has been named dean of the College of Chemistry and Physics at Pennsylvania State University. He succeeds George L. Haller, who resigned more than a year ago to become manager of the laboratories department of General Electric's Electronic Division.

During his more than 30 years with NBS, Brickwedde devoted himself to low-temperature physics and thermodynamics research and to the improvement of the standards of temperature measurements. For the past 11 years, he has been interested in the improvement of the standards of rheology and the octane rating of automotive gasolines.

R. E. HUNGATE, professor of bacteriology at the State College of Washington, has resigned to join the department of bacteriology at the University of California, Davis.

WILLIAM DAMESHEK, professor of medicine at Tufts University, School of Medicine, will deliver the first Samuel H. Golter lecture of the City of Hope Medical Center, Duarte, Calif., on 15 Nov. at the Ambassador Hotel, Los Angeles. He will discuss the current status of myeloproliferative disorders. The lecture is to be given annually by a medical research worker who deals with one of the diseases of special interest to the City of Hope Medical Center.

DONALD G. FINK, director of research for the Philco Corporation, Philadelphia, Pa., is to receive the 1956 Journal award of the Society of Motion Picture and Television Engineers on 9 Oct. during the society's 80th convention in Los Angeles, Calif. He is being honored for his paper on "Color television vs. color motion pictures," which appeared in the June 1955 issue of the society's journal.

THEODORE J. BAUER, for the past 3 years chief of the U.S. Public Health Service's Communicable Disease Center in Atlanta, Ga., has been named deputy chief of the Bureau of State Services. He replaces Leroy E. Burney, recently appointed Surgeon General of the service.

Recent Deaths

ROBERT F. ANDERSON, West Chester, Pa.; 91; professor emeritus of mathematics and former head of the department at West Chester State Teachers College; 31 Aug.

CHARLES E. BENNETT, Ridge-wood, N.J.; 74; electrical engineer and inventor; 31 Aug.

ANTON J. CARLSON, Chicago, Ill.; 81; professor emeritus of physiology and former head of the department at the University of Chicago; vice president AAAS Section N in 1925; 97th president of AAAS in 1944; 2 Sept.

MOSES KESCHNER, New York, N.Y.; 80; former clinical professor of neurology at Columbia University; 31 Aug.

JOHN W. SCOTT, Laramie, Wyo.; 85; emeritus professor of zoology and former chairman of the department of zoology at the University of Wyoming; 15 Aug.

JOSEPH SHRYOCK, Wawa, Pa.; 76; civil engineer; 29 Aug.

MERRILL A. STAINBROOK, Brandon, Ia.; 59; retired professor of geology at Texas Technical College; 10 July.

GUSTAV SWOBODA, Geneva, Switzerland; 63; former chief of the Czechoslovak Weather Service; secretary general of the World Meteorological Organization from 1951 to 1955; 4 Sept.

FREDERICK D. WEIDMAN, Llanerch, Pa.; 74; emeritus professor of dermatology at the University of Pennsylvania; associate pathologist of the Zoological Society of Philadelphia; 30 Aug.

Education

■ The U.S. Atomic Energy Commission has established two new programs to assist colleges and universities to expand facilities for training in nuclear energy technology. The purpose of the plan is to increase the supply of the nuclear engineers, scientists, and technicians.

Under the first of the new programs the commission will make grants toward the cost of equipment to be used in course work dealing with nuclear energy technology. Grants made to any single institution may not total more than \$350,000.

Under the second new program, source and special nuclear material will be lent without charge for use, burn-up, fabrication, preparation of fuel solutions, or reprocessing material after use. By-product materials will be furnished at a cost of 20 percent of list price. Certain other materials peculiarly related to nuclear energy technology will be furnished without charge. The value of materials lent to any single institution may not total more than \$50,000. Details of the new programs, for which Congress has appropriated funds, may be obtained by writing to the Director, Division of Reactor Development, U.S. Atomic Energy Commission, Washington 25, D.C.

■ The American Medical Association reports that 28,639 students are enrolled in 76 approved 4-year medical schools and in six schools giving the first 2 years of medical training, a record high.

■ A new computer laboratory has been established on the University of California's Berkeley campus. It will begin operation in October with an IBM 701 that has been at the university's Radiation Laboratory in Livermore for the past 2 years. The budget for the laboratory's first year of operation will be \$154,233.

■ The National Science Foundation has awarded a grant of \$500,000 to the Massachusetts Institute of Technology in support of a reactor for nuclear research. The remaining cost of the \$2-million facility will be covered by funds raised by M.I.T. alumni and by a \$250,000 grant from the Rockefeller Foundation. The NSF and Rockefeller awards make it possible for the institute to proceed with the construction of the reactor, plans for which have been under way since 1952.

The reactor's medical and biological facilities will be centered in a therapy room, located underground directly beneath the reactor itself. Neutrons from the fission in the reactor will enter the room through the ceiling. This design is the key difference between the M.I.T. reactor and others now being built. The therapy room will, in effect, be a large and completely equipped operating room, making possible the irradiation of patients immediately after surgery.

■ Free college-credit courses by television, open to the general public as part of Chicago's program of public education, began on 12 Sept. The four credit courses—general biology, freshman English, social science, and national government—are being offered over WTTW by the Amundsen, Crane, Wilson, and Wright branches of the Chicago City Junior College.

Each of the four courses will be presented in 45 half-hour sessions, 3 days a week. Kinescope film of these programs will be shown to evening viewers 1 week later.

A free information folder, containing the course outlines, is available to anyone on request. Noncredit viewers may receive the study guide, including work assignments, for a charge of 50 cents.

Registration for credit is open to high-school graduates and to any adult 21 years of age or older. Legal residents of Chicago pay only the usual college general service charge. Students outside the city limits may enroll for credit, but they will be charged the usual nonresident tuition in addition to the service charge. Examinations will be held on the college campuses for credit students.

■ Lafayette College has lent a team of educators to Iran for the development there of the new Abadan College of Engineering. To prepare students for Aba-

dan, a junior college has been formed. The first class enrolls this month and will be taught by the visiting group. The groundwork for establishment of the new college was laid by Lafayette educators and engineers who visited Iran last spring and made a survey of the Abadan Technical Institute that was established by the Anglo-Persian Oil Company in 1935. Lafayette was asked to make the survey by officials of the Iranian Oil Company and associated United States and European companies.

■ Dartmouth College and its Thayer School of Engineering have announced a new program in engineering science that will be the basis for all engineering studies at the college. It will lead to a bachelor of arts degree in 4 years. To receive a bachelor of science degree, a candidate must enroll for an additional year of study in a civil, mechanical, or electrical engineering program.

Miscellaneous

■ An exhibit built around one of the largest known shooting stars opened on 1 Sept. at the American Museum-Hayden Planetarium in New York. Ahnighito, the 34-ton meteorite which has been screened off from public view for 9 months, now rests on a large scale especially built for it by the Toledo Scale Company. Included in the new exhibit is a panel of ten photographs that tell the story of the meteorite's discovery by Adm. Robert E. Peary at Cape York, Greenland, in 1894 and of its subsequent journey to the American Museum.

Ahnighito is one of three meteorites recovered from the Cape York peninsula by Peary. It is the second largest meteorite known to exist. It is 10 feet 10 inches long, 7 feet 2 inches high, and 5 feet 6 inches thick. Still larger is the Hoba West meteorite, estimated to weigh between 50 and 60 tons, which lies partly buried in the ground where it fell near Grootfontein in South Africa.

■ The Civil Service Commission has announced an examination for geophysicist (exploration) for filling positions in the Geological Survey and various other agencies in Washington, D.C., and throughout the United States. Some positions may be filled in United States territories and possessions, and in foreign countries. The entrance salaries range from \$3670 to \$11,610 a year.

For positions paying \$3670 and \$4525, education alone may be qualifying. No written test is required. Further information and application forms may be obtained at many post offices throughout the country, or from the U.S. Civil Service Commission, Washington 25, D.C.

■ *Report of NRL Progress*, published monthly by the Naval Research Laboratory, can now be obtained on a subscription basis from the Office of Technical Services. Annual rates are \$10 for a domestic subscription, and \$13 for a foreign one. A single issue is \$1.25. Orders should be addressed to OTS, U.S. Department of Commerce, Washington 25, D.C.

■ A competitive examination for appointment of medical officers to the regular corps of the U.S. Public Health Service will be held on 27, 28, 29, and 30 Nov. at various places throughout the United States. A candidate will be tested at the examination center nearest his home.

Gross pay is identical to that of officers of equivalent rank in the Army and Navy. Regardless of grade at which an officer is appointed, assistant or senior assistant, entrance pay will be that of the senior assistant grade; for officers with dependents, this is \$7498 per year. (Assistant-grade entrants are assigned the temporary grade of senior assistant.) Entrance pay includes the \$1200 annual incentive pay received by medical officers as well as subsistence and rental allowance.

Application forms may be obtained by writing to the Chief, Division of Personnel, U.S. Public Health Service, Department of Health, Education, and Welfare, Washington 25, D.C., or from field stations of the Public Health Service. Transcripts covering all undergraduate and graduate education should accompany application forms. Completed forms must be received in the Division of Personnel no later than 13 Oct.

■ Articles appearing in the October issue of *The Scientific Monthly* are, "Science, humanities, and artifacts," Harcourt Brown; "New interpretation of the surface of Mars," Dean B. McLaughlin; "Interindustry analysis, new tool in economics," John H. Cumberland; "Studies on deep mass culture of algae in Israel," A. M. Mayer, A. Eisenberg, M. Evenari.

The "Association Affairs" section includes the program for the new headquarters building dedication, an account of AAAS meetings held in New York between 1887 and 1956, the financial report for 1955, and items on the Science Teaching Improvement Program and the junior academies of science. Twelve books are reviewed in this issue.

Erratum: The news note on the expansion of the Alfred P. Sloan Foundation scholarship program [*Science* 124, 24 (6 July 1956)] stated that 11 institutions were already participating in the program, then named only 10. Carnegie Institute of Technology was accidentally dropped from the list, when actually it was one of the four institutions in which the Sloan program was started.

Erratum: The ninth Pacific Science Congress was incorrectly announced for 18 Nov.-9 Dec. 1956 [*Science* 124, 334 (17 Aug. 1956)]. The congress is to be held in Bangkok, Thailand, in 1957, not 1956.