

foundation's advisory panels, and disposition will be made approximately 4 months later. Proposals received after 15 Sept. will be reviewed after the winter deadline of 15 Jan. 1958.

In addition, limited funds will be available during fiscal year 1958 (1 July 1957-30 June 1958) for the support of research facilities and programs at biological field stations. Inquiries should be addressed to National Science Foundation, Washington 25, D.C.

Simmons Professorship

Establishment of a James Stevens Simmons professorship in the Harvard School of Public Health has been announced. The permanently endowed chair is named in memory of the late Brigadier General Simmons, who was dean of the School of Public Health from 1946 until his death in 1954. He had previously served 30 years in the U.S. Army Medical Corps and was chief of preventive medicine for the Army during World War II. The new professorship was made possible by contributions from friends, former colleagues, and students of General Simmons.

News Briefs

Thirteen electric utilities have formed Southwest Atomic Energy Associates to organize a research and development program aimed at practical use of atomic energy as a supplemental fuel for the future electrical needs of Arkansas, Louisiana, Mississippi, Kansas, Missouri, and Oklahoma.

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A Stone Age camping site, believed to be one of the richest of its kind in the world, has been discovered in Wonderboom, Pretoria, Union of South Africa. A trial excavation has been made, and one trench alone produced more than 5000 stone tools. The discovery was made by an amateur archeologist, H. M. E. Hanish, who bought a house in the district 2 years ago.

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The Gulf Oil Corporation recently opened three new petroleum science research laboratories at the company's 53-acre Research Center in Harnarville, Pa. The new units will conduct research on methods of oil production and the handling of well fluids; on fuels and lubricants for automotive, aviation, and marine engines; and on the application of nuclear energy to all phases of petroleum science.

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The Julius Kalman Science Center, newest and largest teaching and research facility at Brandeis University, was dedi-

cated recently. The center is named for a Boston financier who bequeathed \$1.25 million to the center, which cost \$2.25 million.

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The Olin Mathieson Chemical Corporation has announced a 4-year expansion program on new facilities for the development and production of high-energy solid propellants for rocket engines. New research and development laboratories, pilot plants, and test and production facilities will be constructed at the company's Ordill Works near Marion, Ill.

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Nuclear radiation laboratories will be built by the Texas Company at its research center at Beacon, N.Y. Construction is to be completed by April 1958. The Vitro Corporation of America is cooperating in planning the engineering aspects of the new laboratory.

Proposed Legislation

Of the many bills introduced in Congress, some have a special relevance to science and education. A list of such bills introduced recently follows:

H Con Res 193. Express sense of Congress that appropriate steps should be taken by U.S. in the U.N. to bring about creation of two committees for investigation and study of radioactive fallout resulting from nuclear explosions. Gubser (R Calif.) House Foreign Affairs.

HR 8269. Prohibit further testing by explosion of nuclear devices so long as all other countries refrain from exploding such devices. Porter (D Ore.) Joint Committee on Atomic Energy.

HR 8266. Promote welfare of the people by authorizing appropriation of funds to assist states and territories in further development of their programs of general university extension education. Green (D Ore.) House Education and Labor.

S 2341. Provide for appointment of representatives of U.S. in organs of International Atomic Energy Agency, and make other provisions with respect to participation of U.S. in that agency. Pastore (D R.I.) Joint Committee on Atomic Energy.

HR 8199. Authorize restoration of times taken from patents covering inventions whose practice was prevented or curtailed during certain emergency periods by service of patent owner in Armed Forces or by governmental controls. Fisher (D Texas) House Judiciary.

S J Res 106. Establish a commission to investigate utilization of radio and television frequencies allocated to agencies and instrumentalities of Federal Government. Potter (R Mich.) Senate Interstate and Foreign Commerce.

HR 8187. Create a U.S. Department

of Mineral Resources and prescribe functions thereof. Baring (D Nev.) House Government Operations.

HR 8188. Stimulate production of certain strategic and critical minerals. Baring (D Nev.) House Interior and Insular Affairs.

HR 8258. Provide a program for development of minerals resources of the U.S., its territories and possessions by encouraging exploration for minerals and providing payments as incentives for production of certain minerals. Dawson (R Utah) House Interior and Insular Affairs.

Scientists in the News

GEORGE DARLING, professor of human ecology at Yale University, has been named director of the Atomic Bomb Casualty Commission, with headquarters in Hiroshima and Nagasaki, Japan. The commission, which is operated by the U.S. National Academy of Sciences in close cooperation with the Japanese government, has since 1946 been conducting long-term studies of Hiroshima and Nagasaki populations to identify any latent biological effects from the ionizing radiation of the atomic bomb of World War II. Darling succeeds ROBERT H. HOLMES, who is retiring after 3 years as director.

GUIDO PONTECORVO, professor of genetics at the University of Glasgow, Scotland, will be in the United States in December 1957 to deliver the Messenger lectures at Cornell University.

The following awards were made during the recent meeting of the American Society for Engineering Education at Cornell University.

ARTHUR L. TOWNSEND, director of the Lowell Institute School and associate professor of mechanical engineering at Massachusetts Institute of Technology, received the \$500 James H. McGraw award for outstanding achievement in technical institution education.

FRANK A. HEACOCK, chairman of the department of graphics and director of extension courses at Princeton University, received the engineering drawing award.

ROBERT A. JANKE, assistant professor of physics at the Michigan College of Mining and Technology, won the \$100 prize for the best paper by a young engineering teacher.

EUGENE P. WHITLOW has been appointed chairman of the department of chemistry and chemical engineering at Southwest Research Institute. He joined the institute in 1956 as a senior physical chemist.

THOMAS H. DAVIES has been appointed a director of research at the Mellon Institute. Davies, who has been the administrative head of the multiple fellowship sustained in the institute since 1952 by the Pittsburgh Plate Glass Company, was formerly at the University of Chicago as an associate professor in the Institute for Nuclear Studies, in the department of chemistry, and in the Institute of Radiology and Biophysics. At Mellon, Davies has developed a research program on problems of the structure, surface chemistry, and solid-state physics of glass.

THEODORE T. MAGEL has been named by the Allegheny Ludlum Steel Corporation of Pittsburgh, Pa., to fill the newly created position of assistant to the vice president and technical director, with responsibility for nuclear materials development. He has been vice president in charge of development at Nuclear Metals, Inc., Cambridge, Mass., which he joined in 1944 as a group leader while it was being operated by Massachusetts Institute of Technology as a part of the Manhattan District Project.

RONALD J. ROCKWELL, electrical engineer who is vice president and director of engineering for the Crosley Broadcasting Corporation, has received Iowa State College's Marston medal, which is awarded annually to an outstanding engineer alumnus.

RALPH S. JESSUP, specialist in heat standards at the National Bureau of Standards, has been awarded the Department of Commerce gold medal for exceptional service, the department's highest honor. The award recognizes his "perfection of combustion calorimetry and development of the benzoic acid standard and the extension of precise laboratory techniques to measurements in difficult fields of fluorine reactions and solutions." Jessup, who has been with NBS for more than 40 years, is a member of the thermodynamics section of the Heat and Power Division.

WILLIAM M. HART has been appointed chairman of the department of ophthalmology at the Sibley Memorial Hospital of American University. Construction of the new 350-bed hospital and nursing school will begin this fall. One half of the seventh floor, comprising 30 beds, will be reserved for eye patients.

ANNA C. HOLT, librarian of the Harvard Medical School, Harvard School of Dental Medicine, and Harvard School of Public Health since 1935, retired on 29 June. She has served the library of the three schools since 1920.

ROBERT R. NEWELL has retired as professor of medicine and biophysics at Stanford University School of Medicine. A *Festschrift* issue of the *Stanford Medical Bulletin*, containing contributed papers of general interest in the fields of radiology, radiobiology, and biophysics, is being prepared in his honor for release in August.

Newell received the M.D. degree at the University of California in 1916. He served successively as instructor, assistant professor, associate professor, and professor and head of the department of radiology at Stanford from 1920 through 1947. In 1947 he resigned to take a sabbatical leave and devote himself to study of the clinical use of radioactive isotopes. He returned to Stanford in 1948 as professor of biophysics in the department of medicine, where he established an active isotope laboratory.

DONALD P. ROGERS, who has been curator in charge of cryptogams at the New York Botanical Garden since 1947, will leave to become professor of botany at the University of Illinois. Also at the Garden, DAVID D. ROGERS, who has been teaching botany in the department of botany at Allegheny College, Meadville, Pa., has been named curator of economic botany.

FRANZ ALEXANDER, director of the Mount Sinai Hospital Psychiatric and Psychosomatic Research Institute in Los Angeles, Calif., has been appointed part-time visiting professor of psychiatry in the University of Cincinnati College of Medicine.

Recent Deaths

JOHN BAHM, Princeton, N.J.; 70; electrical engineer and retired vice president of manufacturing and engineering for the Brazilian affiliate of the General Electric Company of South America; 30 June.

E. S. GUZMAN BARRON, Chicago, Ill.; 58; professor of biochemistry in the University of Chicago School of Medicine and a trustee of the Marine Biological Laboratories, Woods Hole, Mass.; took part in developing the atomic bomb, and later conducted research on the effect of radiation on enzymes and cell structure; 25 June.

FRANK E. BURCH, Duluth, Minn.; 81; retired professor of ophthalmology at the University of Minnesota, former president of the American Academy of Ophthalmology and Otolaryngology; 1 July.

KNOX T. HUTCHINSON, Murfreesboro, Tenn.; 62; Assistant Secretary of Agriculture from 1949 to 1953; former president of the Middle Tennessee Elec-

tric Membership Cooperative and the Tennessee Rural Electric Cooperative Association; former professor of Agriculture at Peabody College; 30 June.

RAYMOND LEOPOLD, Philadelphia, Pa.; 73; former executive vice president of Hahnemann Medical College and Hospital; 30 June.

FREDERICK A. LINDEMANN (Lord Cherwell), Oxford, England; 71; formerly paymaster general of Great Britain who was in charge of Britain's atomic development program; personal assistant and scientific adviser to Sir Winston Churchill when he was Prime Minister; former director of the Aeronautical Research Laboratory at Farnborough, Hampshire, Oxford University professor of experimental philosophy, and director of the Clarendon Laboratory; 2 July.

LAWRENCE F. LINDGREN, Lincoln, Neb.; 67; instructor in pathology and bacteriology at the University of Nebraska, associated with the department of bacteriology for 36 years; 21 June.

JOHN MOOREHEAD, Millbrook, N.Y.; 82; medical director of the Sinclair Oil Company, former professor of traumatic surgery at New York Postgraduate Hospital and author of *Traumatic Surgery*; 1 July.

DAVID S. NATHAN, Bronx, N.Y.; 56; assistant professor of mathematics at City College; conducted research in the field of functional analysis, coauthored *Analytic Geometry*, a widely used college textbook; 1 July.

CHRISTIAN SCHUSTER, Holyoke, Mass.; 89; retired head of the Holyoke Box and Lumber Company who was a student of American Indian lore and who presented a 7000-item collection of Indian relics to the museum of the American Indian in New York; 25 June.

MEYER SPERBER, Philadelphia, Pa.; 67; president of the Sperber Company and an executive of H. Sperber and Sons, manufacturers and converters of textiles; a founder and the first president of the Society of Plastic Engineers; 29 June.

JOHANNES STARK, Traunstein, Germany; 83; winner of the 1919 Nobel prize for physics, discoverer of the "Stark" effect, former professor at Greifswald and Wurzburg universities; 21 June.

WALTER G. WILSON, London, England; 83; retired chief of design in Britain's Mechanical Warfare Department; an inventor who developed a prototype of the tank; 30 June.

Erratum: The first part of reference 7 of "Prevention of oviposition in the housefly through tarsal contact agents," by K. R. S. Ascher [*Science* 125, 938 (10 May 1957)] should read "CDC Summary of investigations, January-June 1955" (U.S. Public Health Service Communicable Disease Center, Atlanta, Ga.), No. 8, p. 43."