

visit sponsored by the Nuffield Foundation and the Commonwealth Scientific and Industrial Research Organization. In certain fields, notably agriculture and radiophysics (which is regarded as a discrete discipline in Australia, with radioastronomy and radio navigation and propagation among its subdivisions), Australian research leads the world, Brimble added.

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The Atomic Energy Commission's Health and Safety Laboratory has brought out a four-volume collection of available information on radioactive fallout. The set, which contains data on fallout through 1957, is intended primarily as a reference work for specialists in the field.

The first two volumes, A and B, contain a compilation of fallout data, while the last two are comprised of bibliographies and complete scientific papers on the subject.

The work is titled: *Environmental Contamination from Weapons Tests: A compilation of data concerning transport, deposition, distribution and biological uptake of world-wide radioactive fallout.*

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The Atomic Energy Commission will add another classified documents depository to the six now in existence throughout the country. The new facility, designed to serve the western states, has an initial collection of 7000 reports dealing with various aspects of nuclear-energy research. It will be located at the Stanford Research Institute in Menlo Park, California, and will be open for use by scientists and engineers of firms holding AEC access permits. The institute has maintained a depository of unclassified nuclear energy reports since 1954.

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A bill to prohibit interstate shipment of dogs or cats for medical or other scientific experimentation has been introduced in Congress by Rep. Usher L. Burdick (R-N. Dak.). It would provide a maximum penalty of a year's imprisonment and a \$1000 fine. Enactment of the Burdick Bill would hamper the operations of many of America's medical research and teaching institutions.

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Eight areas of the United States have been provided with service offices of the Atomic Energy Commission for the purpose of meeting any emergency involving the accidental release of radioactivity. These offices, staffed with scientists, engineers, and physicians trained in handling radioactive materials, will serve to protect the public from any accidents, such as the involvement of a truck carrying "hot" substances in a traffic accident, which might release potentially dangerous amounts of radioactivity. Locations of the eight offices are as fol-

lows: New York, N.Y.; Oak Ridge, Tenn.; Aiken, S.C.; Albuquerque, N.M.; Chicago, Ill.; Idaho Falls, Idaho; Oakland, Calif.; and Richland, Wash.

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The National Bureau of Standards has reported that precise international comparisons have established that the optical pyrometer temperature scales of Canada, the United Kingdom, Germany, and the United States are in satisfactory agreement. Thus, within these countries, all measurements of high temperatures now have a common basis, and the results obtained in one laboratory should be comparable with those obtained in another.

Grants, Fellowships, and Awards

Graduate study abroad. The Institute of International Education, which administers awards for the U.S. Government under the Fulbright Act and the Inter-American Cultural Convention and for various foreign governments and universities, is receiving applications for scholarships for graduate study abroad. United States citizenship, a bachelor's degree or its equivalent, and language ability to carry on the proposed study are required. The deadline for applications is *1 November*. Detailed information may be obtained from the Institute of International Education, 1 E. 67 St., New York, N.Y.

Social science. During the academic year 1958-59 the Social Science Research Council will accept applications from permanent residents of the United States and Canada for the following types of fellowships and grants for training or research in social science: (i) Predoctoral and postdoctoral research training fellowships to provide more advanced research training than that afforded by the usual Ph.D. program. (ii) Fellowships in political theory and legal philosophy, open to Ph.D. candidates who have completed all requirements except the dissertation and to persons who have received the Ph.D. or a law degree within the past 3 years. (iii) Grants-in-aid of research and faculty research grants in amounts up to \$6000 to defray direct costs or to provide free time for individual research, or both; available only to scholars who are no longer candidates for degrees and whose capacity for effective research has been demonstrated by previous work. In 1958-59, for the first time, these grants will be awarded both in January and in April, with closing dates for applications *1 November 1958* and *1 February 1959*, respectively. (iv) Special grants for social science research in the American governmental processes, the Near and Middle East, and in Slavic and East European studies. (v) International conference

travel grants equivalent to tourist-class fare for social scientists attending certain international meetings to be designated by the council.

Closing dates for applications or nominations differ for the several programs, the earliest being *15 October*. Prospective candidates are urged to write to the Social Science Research Council, 230 Park Avenue, New York 17, N.Y., as early as possible to be assured of receiving the detailed announcement which will be issued toward the end of summer. Requests for application forms should indicate age, highest academic degree held, present position, or activity, and the purpose for which a fellowship or grant is desired.

Clinical studies. The Lipotropic Research Foundation of New York will receive applications for grants-in-aid for 1959 until *1 October 1958*. Special attention is given to clinical studies. A request for application forms, which should include a short statement describing professional affiliations and experience, may be addressed to the administrative secretary, Dr. L. Lipton, 26 Vark Street, Yonkers 1, N.Y.

Medical research. The Life Insurance Medical Research Fund is now receiving applications for two types of awards, to be available *1 July 1959*, as follows: (i) Postdoctoral research fellowships. Candidates may apply for support in any field of the medical sciences. Preference is given to those who wish to work on fundamental problems, especially those related to cardiovascular function or disease. Minimum stipend is \$3800, with allowances for dependents and necessary travel. Applications will be received until *15 October*. (ii) Grants to institutions. Support is available for physiological, biochemical, and other basic work broadly related to cardiovascular problems as well as for clinical research in this field. The deadline for applications is *1 November 1958*.

Further information and application forms may be obtained from the Scientific Director, Life Insurance Medical Research Fund, 345 E. 46 St., New York, N.Y.

Medicine. Nominations are invited for Lederle Medical Faculty Awards of the Lederle Laboratories Division of American Cyanamid Company. The awards are intended to assist able men and women who are working and contemplating further careers in the preclinical departments of medical schools.

The program will provide financial aid for a period not exceeding 3 years to support young individuals who have demonstrated capacities both as teachers and investigators in departments of anatomy, biochemistry, microbiology, pathology, pharmacology, and physiology, in order to help accelerate their devel-

opment and to encourage them to remain in these disciplines. The plan is intended to assist departments to offer opportunities for development of promising individuals.

The awards are designed for persons who have progressed beyond the state of development which is now encompassed by postdoctorate fellowships. Recipients must hold "faculty rank," such as instructor or assistant professor.

Nominations should be submitted to the Lederle Medical Faculty Awards Committee through the office of the dean of the medical school by *31 October*. Complete information may be obtained from Lederle Medical Faculty Awards, Office of the Secretary, Pearl River, N.Y.

Scientists in the News

LARKIN H. FARINHOLT, professor of chemistry and director of the Chemical Laboratories at Columbia University, has been appointed deputy science adviser to the Department of State.

JEROME C. HUNSAKER, emeritus professor, Massachusetts Institute of Technology, was presented the Navy Distinguished Public Service Award by G. Norton, Assistant Secretary of the Navy for Air. This award, the highest conferred on civilians by the Department of the Navy, recognizes Hunsaker's singularly outstanding contributions in the fields of scientific research and development. His penetrating insight into technical and organizational problems have proven invaluable to the Navy.

EVA V. ARMSTRONG, former curator of the Edgar Fahs Smith Memorial Library, University of Pennsylvania, has been selected for the third annual Dexter Chemical Corporation Award in the history of chemistry. The award will be presented 9 September at the American Chemical Society's annual convention in Chicago. The \$500 prize was established by Dexter to recognize "noteworthy contributions to the advancement of the history of chemistry."

JOHN J. BIESELE, now at the Sloan-Kettering Institute for Cancer Research in New York, will join the University of Texas faculty in September as professor of zoology.

DAVID GROB, associate professor of medicine at Johns Hopkins University School of Medicine, has been appointed professor of medicine at the State University of New York Downstate Medical Center and full-time director of medical services at Maimonides Hospital of Brooklyn.

MERVIN J. KELLY, president of Bell Telephone Laboratories, will be the 1959 recipient of the John Fritz Medal, it has been announced by the John Fritz Medal Board of Award.

Cited for "his achievements in electronics, leadership of a great industrial research laboratory, and contributions to the defense of the country through science and technology," Kelly will receive the award at ceremonies to be scheduled by the American Institute of Electrical Engineers, of which he is a fellow.

DONALD H. FLEMING, chairman of the department of history at Brown University for the past year and one of the nation's outstanding young historians, has been appointed to the newly created professorship of the history of science at Yale University. Yale thus becomes one of the few universities in this country to have a chair in the history of science.

JOSEPH M. QUASHNOCK, chief of the department of aviation medicine, School of Aviation Medicine, Randolph Air Force Base, Tex., has been named commander of the Arctic Aeromedical Laboratory, Ladd Air Force Base, Alaska.

The appointment of LEROY A. BROTHERS as dean of the College of Engineering of Drexel Institute of Technology has been announced. Brothers succeeds HARRY L. BOWMAN, who will continue as dean of the faculty.

MAX S. PETERS has been appointed head of the division of chemical engineering in the University of Illinois's department of chemistry and chemical engineering, effective 1 September. He joined Illinois in 1951 as assistant professor of chemical engineering and was promoted to professor in 1957. Peters succeeds H. G. DRICKAMER, who will continue as professor of chemistry and chemical engineering.

JOHN B. STORER has joined the research staff of the Roscoe B. Jackson Memorial Laboratory, Bar Harbor, Me. He was previously alternate leader of the Biomedical Research Group of the Los Alamos Scientific Laboratory.

The Atomic Energy Commission's Division of International Affairs, upon request of the Polish government to the U.S. Department of State, has selected WILLIAM G. POLLARD, executive director of the Oak Ridge Institute of Nuclear Studies, Oak Ridge, Tennessee, to make a special trip to Poland this month.

Pollard will be accompanied by RICHARD H. CHAMBERLAIN of the University of Pennsylvania. The two

will hold discussions with Polish scientists and government representatives on the unclassified topics of radioisotopes in science and industry, fundamental chemistry, design of radiochemical laboratories, and neutron physics.

KENNETH D. JACOB of the U.S. Department of Agriculture has been awarded the Harvey W. Wiler award of the Association of Official Agricultural Chemists.

WILLIAM B. ATKINSON, associate professor of anatomy at the University of Cincinnati School of Medicine, has been appointed chairman of the department of anatomy at the University of Louisville School of Medicine, to succeed S. I. KORNHAUSER, who has been chairman since 1922.

RICHARD E. WATSON of the Leeds and Northrup Co. and CHARLES W. MALICH of the Naval Research Laboratory have accepted positions as professor and associate professor of physics, respectively, at Southern Illinois University, Carbondale, Ill.

SERGEI A. SCHELKUNOFF who is assistant director of mathematical research at Bell Telephone Laboratories, Inc., Murray Hill, N.J., has been appointed adjunct professor of electrical engineering at the School of Engineering of Columbia University.

EDWARD F. KNIPLING, director of Entomology Research Division of the U.S. Department of Agriculture, has been presented with an Alumni Award of Merit by the Iowa State College Alumni Association.

JOSEPH C. PATRICK, whose discoveries led to the production of the first synthetic rubber in the United States, has been named recipient of an Elliott Cresson medal, which is awarded annually by the Franklin Institute to one or more persons for discovery or original research adding to the sum of human knowledge.

OLIVER GRUMMITT has been appointed chairman of the department of chemistry, Western Reserve University. He succeeds FRANK HOVORKA, who will continue his teaching and research in physical chemistry.

Announcement has been made by the National Academy of Sciences-National Research Council of the appointment of H. BURR STEINBACH as chairman of the Academy-Research Council's Division of Biology and Agriculture. Steinbach is head of the department of zoology at the University of Chicago.