

number of attachés and staff members in Rollefson's office favor recruiting among technically trained administrators in such agencies as the Atomic Energy Commission and NASA, and Rollefson agrees that the idea appears to have merit, but at present he is not rushing into any changes. On one point he is certain: the State Department's science program requires people with thorough scientific training. Proposals to recruit nonscientists and then provide them with some technical training leave Rollefson cold. "I think it is easier to pick up the politics than it is the science," he has said.—D. S. GREENBERG

## Announcements

Plans to establish an **NIH Pacific office** in Tokyo early next year have been announced by the Public Health Service. The new office, to be headed by Heinz Specht of the National Institute of Arthritis and Metabolic Diseases, will represent NIH in its relations with Far Eastern and Asian medical research activities. Administrative officer will be M. James Peters, of the NIH Office of International Research; Alfred S. Lazarus, formerly with the Agency for International Development, will be the scientific representative of the New Delhi (India) branch of the Tokyo office.

An **Institute of Speleology** has been established at the University of Kentucky to promote research in all aspects of cave science. Fields of research include ecology and systematics of Coleoptera and other invertebrates, mammalian ecology, limnology, and ichthyology. (Thomas C. Barr, Room 14, Funkhouser Biological Sciences Bldg., University of Kentucky, Lexington)

## Grants, Fellowships, and Awards

**Biomedical laboratory researchers** are invited to apply for a \$15,000 medical writing award, sponsored by the W. B. Saunders Publishing Company. The recipient may write a monograph or a series of journal articles reviewing his research; publication rights will not be claimed by the company. A candidate should be a resident of the Americas, but the laboratory work to be reviewed

may have been done elsewhere. Applications, indicating briefly the character of the research and where it has been pursued, should be accompanied by a short résumé of the investigator's scientific background and a bibliography of important papers. Applications should be submitted between *1 January* and *1 May 1963*. The award will be made in October. (Robert F. Loeb, W. B. Saunders Co., West Washington Square, Philadelphia 5, Pa.)

One-year fellowships for **cancer research** at a foreign institution are available through the International Union Against Cancer. Funds, provided by the Eleanor Roosevelt Cancer Foundation, will be granted to experienced investigators on the staff of universities, teaching hospitals, research laboratories, or similar institutions engaged in either the experimental or clinical aspects of cancer research. Stipends are based on the applicant's current salary and the salary of persons with comparable qualifications in the place where the applicant expects to study. Travel allowances are available for dependents. (International Union Against Cancer, P.O. Box 400, Geneva 2, Switzerland)

The National Science Foundation has announced that the next closing dates for receipt of **basic research proposals** in the life and social sciences are *15 January* and *1 February 1963*, respectively. Notification of the foundation's action will be made within 4 months. Proposals received after these dates will be reviewed after the summer closing dates of *1 May* (social sciences) and *15 May* (life sciences). (National Science Foundation, Washington 25, D.C.)

Applications are being accepted for the 1963 Lalor Foundation awards for research on the basic phenomena involved in **fertility** and the early stages of reproduction in various forms of life. The awards, open to individuals of any nationality, range up to \$8000 per year. Preference will be given to university and college faculty and staff members who are less than 41 years old.

The foundation will also grant awards for summer or short-term postdoctoral research at the Marine Biological Laboratory, Woods Hole, Massachusetts, or elsewhere, for appropriate projects in the fields specified. These will not exceed \$1000 for a single

man or woman, \$1200 for a married man working at his home institution, and \$1350 for a married man with his principal program at another institution. Deadline for receipt of applications: *15 January*. (Lalor Foundation, 4400 Lancaster Pike, Wilmington 5, Del.)

A limited number of fellowships and research assistantships are available for predoctoral training in the **bioengineering** aspects of water supply and pollution control. Fellowships vary from \$3000 to \$3500 per annum, depending upon the recipient's previous training. (Anthony F. Gaudy, Jr., School of Civil Engineering, Oklahoma State University, Stillwater)

## Publications

A report on the toxicity of various **antimicrobials and antioxidants** has been released by the World Health Organization. The report (No. 228), the sixth of the Joint FAO/WHO Expert Committee on Food Additives, appraises the most relevant literature on studies of acute, short-term, and long-term toxicity in relation to biochemical and metabolic findings in various species. Also included are monographs on octyl and dodecyl gallates, boric acid and borates, and hexamethylenetetramine. (Columbia University Press, International Documents Service, 2960 Broadway, New York 27)

A bibliography of approximately 100 publications issued during recent years by the Public Health Service's Division of **Hospital and Medical Facilities** is now available. Entitled *Hill-Burton Publications*, the booklet covers regulations, community planning, organization and administration, design and equipment, research and demonstration, and reports and analyses. (Superintendent of Documents, Government Printing Office, Washington 25, D.C. \$0.25; single copies available free of charge from the Public Health Service, Washington 25, D.C. Order PHS publication 930-G-3)

A list of approximately 4500 U.S. Atomic Energy Commission **research and development reports** that are offered for sale by the U.S. Department of Commerce is available free of charge. (Office of Technical Services, U.S. Department of Commerce, Washington 25, D.C.)

## Scientists in the News

Recent awards of the American Chemical Society:

**Paul D. Bartlett**, of Harvard University, the \$5000 Roger Adams award in organic chemistry for his work on development of the "American school of physical organic chemistry."

**Robert S. Mulliken**, emeritus professor of physics and chemistry at the University of Chicago, the \$2000 Peter Debye award in physical chemistry for his work in molecular physics and chemistry.

**Aaron J. Teller**, chemical engineer and founder of Mass Transfer, Inc., Cleveland, Ohio, has been appointed dean of the Cooper Union School of Engineering, New York, effective in February 1963. He succeeds **Norman L. Towle**, who retired this summer as dean emeritus. **Arthur H. Radasch**, professor and head of the chemical engineering department, will serve as acting dean until February.

**Frederick Seitz**, recently appointed president of the National Academy of Sciences, has been named a member of the President's Science Advisory Committee, replacing **Detlev W. Bronk**.

**Richard G. Stoner**, professor of physics at Pennsylvania State University, and **Robert F. Stetson**, assistant professor of physics at the University of Florida, have taken leaves of absence to serve as project scientists in the Air Force Office of Scientific Research, Washington, D.C.

**Leon J. DeMerre**, director of research for Pharmacrast Laboratories, has joined Personal Products Corporation, Milltown, N.J., as senior research scientist.

New staff appointments at Washington University, St. Louis, Mo.:

**Richard M. Krause**, associate professor at the Rockefeller Institute, as professor of epidemiology and associate professor of medicine.

**James H. Burgess** and **Joseph F. Dreitlein**, of Stanford University, as associate professors of physics.

**James R. Macdonald**, associate professor of geology at the University of Idaho, has been appointed curator of vertebrate paleontology at the Los Angeles County Museum.

**Harvey Brooks**, Gordon McKay professor of applied physics and dean of the division of engineering and applied physics at Harvard University, has been appointed to membership on the National Science Board, which supervises the National Science Foundation.

Recent staff appointments at Scripps Clinic and Research Foundation, La Jolla, California:

**Frank M. Huennekens**, professor of biochemistry at the University of Washington, as member and head of the division of biochemistry. He succeeds **A. Baird Hastings**, who has been named head of the metabolic research division.

**Richard S. Farr**, associate professor of medicine and head of the clinical immunology section at the University of Pittsburgh, as member and head of the division of allergy and immunology.

**Claire E. Graham**, pharmaceutical research director for Wilson and Company, has retired to direct a science communication research project for the American Institute of Biological Sciences, Washington, D.C.

**Daniel Frishman**, director of research and development for Malden Mills, Lawrence, Mass., has established the Fibresearch Corporation, a textile research and development firm in Lawrence, Mass.

Capt. **Robert B. Wolcott**, director of the Dental Research Facility at the U.S. Naval Training Center, Great Lakes, Ill., has been appointed professor of operative dentistry at the University of California (Los Angeles).

**Gabriel F. Tucker, Jr.**, assistant professor of laryngology and otology at Johns Hopkins University, has joined the faculty of Temple University Medical Center as clinical professor of laryngology and bronchoesophagology.

At Case Institute of Technology, Cleveland, Ohio:

**Donald F. Gibbons**, staff member of the Bell Telephone Laboratories, Murray Hill, N.J., has been appointed director of the Center for the Study of Materials.

**John W. Christian**, George Kelley reader in metallurgy at the University of Oxford, will serve as visiting Republic Steel professor in metallurgy during the current year.

## Recent Deaths

**H. B. Brooks**, 93; founder and retired chief of the electrical instrument section at the National Bureau of Standards, and designer of the Brooks potentiometer and inductometer; 1 Oct.

**Ray E. Brown**, 72; consultant on helium for General Electric Company, retired Navy Department engineer, and developer of a helium liquefier; 26 Sept.

**Harry J. Eustace**, 85; former professor of horticulture at Michigan State University; 26 Aug.

**Joseph A. Ewing**; director of field operations for the U.S. Department of Agriculture; 20 May.

**Leo A. Hellmer**, 49; professor of psychology at the University of Illinois; 29 Aug.

**Glenn D. Higginson**, 63; emeritus professor of psychology at the University of Illinois; 30 June.

**Bertrand Klass**, 38; psychologist and executive vice president of Forbes Research, Inc., New York; 17 Sept.

**Walter S. Long**, 82; visiting professor of chemistry at McMurry College, Abilene, Tex.; 1 Sept.

**Frank C. Mann**, 75; retired director of the Mayo Foundation Institute of Experimental Medicine; 30 Sept.

**John A. O'Callaghan**, 71; retired associate head chemist at the Naval Propellant Plant, Indian Head, Md.; 23 Sept.

**Lynne H. Ulich**, 70; retired research chemist with E. I. du Pont Company, Deepwater, N.J.; 4 May.

**Louise H. Weissberger**, 47; biochemist formerly with the University of Rochester staff; 4 Sept.

*Erratum:* The editorial in the 13 July issue of *Science* incorrectly stated: "It is a criminal offense for any employee of government to receive pay from a source other than government." John W. Macy, Jr., chairman of the U.S. Civil Service Commission, has furnished the following correction.

An official or employee of the U.S. government is prohibited from receiving payment "in connection with his services as such an official or employee from any source other than the Government of the United States, except as may be contributed out of the treasury of any State, county, or municipality" (Section 1914, Title 18, U.S. Code).

There is no overall prohibition against government employees holding and being paid for nongovernmental jobs. The head of any agency may issue regulations governing or prohibiting the outside employment of members of that agency. Most agencies permit their professional employees to accept teaching, lecturing, or writing assignments that do not conflict with their official duties.

*Erratum:* In the report by B. Droz and C. P. Leblond, "Migration of proteins along the axons of the sciatic nerve" [*Science* 137, 1047 (1962)], Figs. 2 and 3 (p. 1048) are transposed. The right-hand radioautograph is Fig. 2, the left-hand radioautograph is Fig. 3.