

Grants, Fellowships and Awards

Cerebral Palsy. The United Cerebral Palsy Research and Educational Foundation has expanded its program to include additional support of research and professional training. At the same time the foundation's concept of research in the field of cerebral palsy has been broadened to include support of basic and clinical studies encompassing the entire spectrum of brain damage and the consequences thereof.

The following new training programs are to be supported by the foundation: a postdoctoral fellowship program in brain research to support investigators-in-training in the broad field of research in the complex problem of neuromuscular disabilities; a clinical fellowship program to interest young physicians, in their residency years, in the problems of diagnosis, clinical management, and periodic follow-up of patients with neuromuscular disabilities; and a medical-student fellowship program to interest medical students in diagnosis, therapy, rehabilitation, and follow-up of patients with cerebral palsy and/or in participating in some phase of basic or applied research relating to the problems of brain damage.

The deadline for filing applications for grants and fellowships commencing 1 January 1959 is *15 September 1958*; for funds to become available 1 July 1959, the deadline for filing application is *15 March 1959*. For information write to: Director of Research, United Cerebral Palsy Research and Educational Foundation, 321 W. 44 St., New York 36, N.Y.

Gerontology. The Ciba Foundation, wishing to encourage research relevant to basic problems of aging, invites papers descriptive of work in the field for the fifth and final annual awards for 1959. Applications, which must be submitted by *10 January 1959*, may be obtained from G. E. W. Wolstenholme, Director, Ciba Foundation, 41 Portland Pl., London, W.1, England.

Not less than five awards, of an average value of £300 each, are available for 1959. Entries will be judged by an international panel of scientists that includes: C. H. Best, E. Braun-Menendez, E. J. Conway, G. W. Corner, A. Hadow, V. R. Khanolkar, R. Nicolaysen, A. S. Parkes, F. Verzá, and F. G. Young.

Preference will be given to younger workers. The papers may be in the candidate's own language and should not be more than 7000 words in length.

Miniaturization. Nominations for the Miniaturization Award competition for 1958 are now being accepted. The award was established in 1957 by Miniature Precision Bearings, Inc., to recognize

outstanding contributions by an individual or firm to the concept of miniaturization. It is administered by an independent committee of miniaturization experts representing industry, government, and education.

Participants in the competition may be individuals, companies or organizations which have broadened the horizons of miniaturization by creating a better understanding and use of the concept through education, research, engineering, or standardization. Entries should be submitted to the Awards Committee, Box 604, Precision Park, Keene, N.H.

News Briefs

An Indo-German agreement on the establishment at Madras of an Indian Institute of Technology for the training of Indian technicians was signed on 7 August in Bonn. According to the agreement, the Federal Republic of Germany will provide teachers, equipment for laboratories and work shops, and a library for the institute, while the Indian Government will provide the ground, the buildings and part of the personnel. Eventually, the institute will give India 250 trained technicians every 6 months.

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The Metropolitan Life Insurance Company reports that a study of its industrial policyholders shows that in the last 15 years the death rate from cancer has decreased 15 percent for females and increased 8 percent for males. The report is based on a comparison of the cancer death rates among white industrial policyholders in 1936-1940 and 1951-1955.

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The Southeastern Forest Experiment Station, Asheville, N.C., has announced that a forest-fire research laboratory, first of its kind in the country, is being built near Macon, Ga., and is scheduled to begin operating early in 1959. The laboratory is a joint undertaking of the U.S. Forest Service and the state of Georgia.

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The U.S. Census Bureau has reported that American women of child-bearing age, 15-44, gave birth to an average of 22 percent more children in 1957 than in 1950. The increase was greatest in the city areas, among nonwhites, and in low- and middle-income groups. Over-all birth rates remained higher in farm areas than in cities. About 75 percent of the wives 35 to 39 years old in 1957 had already borne two or more children; 46 percent had borne three or more and about 14 percent had borne five or more.

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The Ramo-Wooldridge Corporation and General James H. Doolittle have jointly announced that, effective 1 January, Doolittle will become chairman of

the board of directors of the Space Technology Laboratories. Previously a division of Ramo-Wooldridge, the laboratories will become a separate corporation with an independent board of directors. Space Technology Laboratories has over-all scientific responsibility for the Air Force's Thor, Atlas, Titan, and Minuteman missile programs, and also is engaged in a broad experimental program on advanced space technology.

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The U.S. Civil Service Commission is seeking bacteriologists, serologists, biochemists, biologists, and physicists (in the field of radioisotopes) for duty with the Veterans Administration in hospitals and regional offices throughout the United States and its territories and possessions. No written test is required. Applications must be filed with the Executive Secretary, Central Board of U.S. Civil Service Examiners, Veterans Administration, Washington 25, D.C.

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As the result of deep-water soundings recently completed in Lake Superior by the U.S. Army Corps of Engineers, future charts will show a new maximum depth of 1333 feet. This sounding is located in United States waters off the Marquette-Munising region of Michigan. The greatest known previous depth was in Canadian waters near Caribou Island.

Scientists in the News

BERTHA S. ADKINS of Salisbury, Md., for 8 years assistant chairman of the Republican National Committee, has been sworn in as Under Secretary of the Department of Health, Education, and Welfare.

S. M. DIETZ of Oregon State College has retired as chairman of the department of botany, head of botany and plant pathology in the Experiment Station, and administrator of the herbarium. He will continue teaching and research as research professor in plant pathology. Dietz is succeeded by ROY A. YOUNG, who for the past 10 years has taught graduate courses in plant pathology and conducted research on diseases of ornamental plants.

MARGARET E. PATTERSON resigned on 15 July from Science Service of Washington, D.C., where she had been executive secretary of Science Clubs of America for 17 years. Miss Patterson left science teaching to start science clubs on a nationwide basis. Now SCA has more than 20,500 members in this country and abroad.

In 1942 she helped to design and establish the Science Talent Search for

the Westinghouse Science Scholarships and Awards and has been responsible for the conduct of this competition since that time. In 1950 she aided in the creation of the National Science Fair and has been active in its development.

The July number of the *Journal of Investigative Dermatology* is an issue honoring STEPHEN ROTHMAN, professor of dermatology at the University of Chicago and author of *Physiology and Biochemistry of the Skin*. The issue consists of contributions by men who have been students or associates of Rothman. It also contains a detailed biography and bibliography of Rothman, who has pioneered in modern investigative dermatology.

ELI LILLY, chairman of the board of directors of Eli Lilly and Company, Indianapolis, Ind., has been named recipient of the Remington Honor Medal of the New York Branch of the American Pharmaceutical Association. This medal will be presented at the Remington dinner which will be held on 10 December at the Hotel Roosevelt in New York.

I. S. RAVDIN, John Rhea Barton professor of surgery at the University of Pennsylvania and chairman of the department of surgery, has been appointed the university's vice president for medical development. Ravdin's appointment follows the recently announced resignation of NORMAN H. TOPPING, who was elected president of the University of Southern California after having served as vice president for medical affairs at Pennsylvania since 1952.

JOHN M. MITCHELL, dean of the Pennsylvania School of Medicine, has been given the additional title of vice provost of the university. He will be responsible for the development work previously carried on by Topping.

MICHAEL E. DEBAKEY, professor of surgery at Baylor University School of Medicine, has received the Alvarenga Prize of the College of Physicians of Philadelphia for his outstanding work in the surgical treatment of diseases of blood vessels. The Alvarenga Prize, an annual award, was established by the will of Pedro Francisco DaCosta Alvarenga of Lisbon, Portugal, an associate fellow of the College of Physicians of Philadelphia who died on 14 July 1883.

ROGER B. FRIEND, formerly chief entomologist and vice-director of the Connecticut Agricultural Experiment Station, New Haven, has retired after 34 years on the station's staff. Following 3 years as a graduate assistant, he was made assistant entomologist in 1927 on

completion of requirements for the Ph.D. at Yale University. Pests imported from abroad were his first interest, especially insects attacking forest and shade trees, and he made comprehensive studies of their biology and control. He has conducted research on the imported birch leaf miner, the European pine shoot moth, and the gypsy moth. Friend was appointed chief entomologist in 1939; a year later he was made vice-director, a post he filled until December 1951. He expects to continue his research as an emeritus member of the staff.

ANTHONY W. SMITH, well-known conservationist, has been named executive secretary of the National Parks Association, Washington, D.C. He has been a member of the board of trustees and the executive committee of the association for many years. He is also a member of the executive committee of the Citizens Committee on Natural Resources.

Consolidated Electrodynamics Corporation, Pasadena, Calif., has announced the appointment of CHARLES F. ROBINSON as chief research physicist and LELAND G. COLE as chief research chemist. Robinson joined the corporation in 1947 as a staff physicist and became senior physicist in 1952. Cole joined in 1955 as senior chemist.

TROY L. PEWE, past president of the AAAS Alaska Division, has been named first head of the department of geology at the University of Alaska, College, Alaska. Péwé has been serving as geologist-in-charge for the U.S. Geological Survey's Alaskan Geology Branch at College, a post he will continue to fill during the summer months.

President Eisenhower has accepted the resignation of EDWARD TELLER as a member of the general advisory committee to the Atomic Energy Commission. Teller resigned because he felt that his job as director of the University of California Radiation Laboratory at Livermore conflicted with membership on the advisory committee. The laboratory is under the AEC and Teller has been its director since 1 April.

RAYMUND L. ZWEMER has joined the staff of the science adviser in the Department of State. He has most recently been with UNESCO in Paris, for 2 years as chief of the Division of International Cooperation for Scientific Research, and the last 6 months as chief of the Bureau of Personnel and Management. His particular responsibility in the Office of the Science Adviser will be with the science programs of intergovernmental organizations, both international and regional.

Recent Deaths

GORDON E. DEAN, Nantucket, Mass.; 52; senior vice president in charge of nuclear energy for General Dynamics Corporation and chairman of the board for the Nuclear Science and Engineering Corporation; chairman of the Atomic Energy Commission from 1950 to 1953; 15 Aug.

WILLIAM W. HINCKLEY, New York, N.Y.; 48; psychologist with the Bleuler Psychotherapy Group, Jamaica, N.Y.; 15 Aug.

ALBERT G. INGALLS, Cranford, N.J.; 70; assistant editor of *Scientific American*; author of three books on amateur telescope making; 13 Aug.

SAMUEL IVES, Madison, Wis.; curator of rare books at the University of Wisconsin; had started a bibliography of early chemical and medical books at the time of his death; 9 Aug.

CHEVALIER JACKSON, Philadelphia, Pa.; 92; noted for perfecting the technique for using the bronchoscope; had been professor of laryngology at the University of Pittsburgh, Jefferson Medical College, and the University of Pennsylvania Graduate School of Medicine; founder of the Jackson Bronchoscopic Clinic at Temple University; 16 Aug.

FREDERICK JOLIOT-CURIE, Paris, France; 58; nuclear physicist and French High Commissioner for Atomic Energy from 1946 to 1950; shared the Nobel Prize in chemistry with his late wife Irene for producing artificial radioactive elements for the first time; 14 Aug.

KARL S. LASHLEY, Jacksonville, Fla.; 68; director of the Yerkes Laboratories, a division of Emory University, from 1942 until his retirement in 1955; formerly professor of neuropsychology at Harvard University and professor of psychology at the University of Minnesota and the University of Chicago; psychologist at the Institute for Juvenile Research in Chicago; 7 Aug.

JOHN H. MARSHALL, Guildford, England; 82; noted archeologist and explorer; director general of archeology in India from 1902 to 1931; discoverer of buried cities on the Indus River that are more than 5000 years old; 18 Aug.

GEORGE B. PEGRAM, Swarthmore, Pa.; 81; vice president emeritus of Columbia University; directed a research group at Columbia University that led to the development of the atom bomb; contributed individually to the development of atomic science; 12 Aug.

VICTOR ROSS, South Yarmouth, Mass.; 64; research associate in biochemistry at the College of Physicians and Surgeons at Columbia University from 1939 to 1954; member of the staff of the chemistry department of Montefiore Hospital; 9 Aug.