

be obtained by writing to: Training Service Department, Daisy Manufacturing Company, Rogers, Ark.

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For 10 years the American Trust Company of San Francisco has supported a weekly television program, "Science in Action," that is produced by the California Academy of Sciences. The show, which has won many awards, presents science at the family-audience level. The sponsor has been honored repeatedly for this public service. It is notable that the bank first sponsored the science show in 1950, considerably before science became part of the daily news.

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The Endocrinology Study Section, National Institutes of Health, has the following highly purified pituitary hormones available for distribution free to qualified investigators: growth hormone—bovine, nonsterile, for animal experiments only; follicle-stimulating hormone, ovine, sterile preparation; luteinizing hormone, ovine, sterile preparation; and prolactin, ovine, sterile preparation. These hormones may be obtained from Dr. R. T. Hill, Executive Secretary, Endocrinology Study Section, Division of Research Grants, National Institutes of Health, Bethesda 14, Md. Applicants should describe briefly the proposed work and give an estimate of the amount of hormone required.

Grants, Fellowships, and Awards

Antarctic. The National Science Foundation has announced that final proposals for antarctic research for the 1960–61 field season should be submitted by *15 February 1960*. Proposals should be addressed to the Director, National Science Foundation, Washington 25, D.C., Attention: Antarctic Program Director.

Proposals will be accepted for research on aurora and airglow, biology and medical sciences, cosmic rays, geodesy and cartography, geology, geomagnetism, glaciology, gravity, ionospheric physics, meteorology, oceanography, and seismology, and for such other research as may be pertinent to Antarctica. The staff of the Antarctic Research Program of the NSF will be glad to discuss ideas for proposals informally prior to their final submission or to answer questions regarding the preparation of proposals and problems of research in the antarctic.

Atomic industrial medicine. The U.S. Atomic Energy Commission has announced its next year's program of special fellowships in industrial medicine, which are administered by the Atomic Energy Project, School of Medicine and Dentistry, University of Rochester. The fellowships provide advanced training and on-the-job experience, particularly in relation to the atomic energy industry. The selection of fellows is made by the AEC, which has eight awards available for the period 1960–61.

The fellowships are open to physicians, both men and women, who are citizens of the United States, who graduated from an approved college of medicine at least 2 years prior to the date on which their tenure would commence, and who are licensed to practice medicine in one of the states or territories of the United States. A successful candidate will be required to have a full F.B.I. investigation and be cleared by the commission before being awarded a fellowship.

The training program consists of two parts: an academic year, with lecture and laboratory instruction in the practice of industrial medicine, and an in-plant training year, in which the fellow will be assigned to one or more of the medical departments of the major operating plants and laboratories under the direction of the Atomic Energy Commission. The stipend for an academic year is \$5000. For a wife, \$350 is added to the total stipend, and \$350 more is added for each dependent child. Tuition and laboratory fees for academic courses will be paid by the commission. Certain other expenses incident to the work of the fellow will be paid when these are approved by the fellowship committee.

Applications should be filed before *1 January 1960*. It is expected that the selection of fellows will be made on or before *1 February 1960*, but fellowships may be assigned at any time at the discretion of the committee. Address all inquiries to: Dr. Henry A. Blair, AEC Fellowships in Industrial Medicine, Atomic Energy Project, University of Rochester, School of Medicine and Dentistry, Rochester 20, New York.

Geology. The American Association of Petroleum Geologists has again made a fund available for grants-in-aid for support of research in fields of general interest to the petroleum geologist. Applications will be received until

1 January 1960. The awards are open to anyone working, within the United States, on research projects that are of interest to petroleum geologists. As in past years, the Subcommittee on Grants-in-Aid will use the survey "Research Needs in Petroleum Geology" [*Bull. Am. Assoc. Petrol. Geologists* **41**, 1854 (1957)] as a general guide in making recommendations for support of research projects. Detailed information and application forms may be obtained from A.A.P.G. Headquarters, Box 979, Tulsa, Okla.

Travel. Limited funds are available from the National Science Foundation for the support of travel by American scientists to international scientific congresses. An attempt will be made to have the grants approximate round-trip air-tourist fare between the recipient's home institution and the place of meeting. The following congresses have been selected for support. To obtain application forms, write to the indicated division of the National Science Foundation, Washington 25, D.C., or to any alternate address given.

International Congress on Microwave Tubes, in Munich, Germany, 7–11 June 1960. Application forms available from: Division of Mathematical, Physical, and Engineering Sciences. Closing date: *31 March 1960*.

First Congress of International Federation of Automatic Control, in Moscow, U.S.S.R., 25 June–9 July 1960. Application forms available from: Division of Mathematical, Physical, and Engineering Sciences. Closing date: *31 March 1960*.

Second International Congress on Catalysis, in Paris, France, 4–9 July 1960. Application forms available from: Division of Mathematical, Physical, and Engineering Sciences or from Petroleum Research Fund, American Chemical Society, 1155 16th St., NW, Washington 6, D.C. Closing date: *1 January 1960*.

Second World Congress on Earthquake Engineering, in Tokyo and Kyoto, Japan, 11–18 July 1960. Application forms available from: Division of Mathematical, Physical, and Engineering Sciences. Closing date: *30 April 1960*.

Eighth International Grassland Congress, in Reading, England, 11–21 July 1960. Application forms available from: Division of Biological and Medical Sciences. Closing date: *1 February 1960*.

Sixteenth International Congress on

Psychology, in Bonn, Germany, 31 July–6 August 1960. Application forms available from: Division of Biological and Medical Sciences. Closing date: 15 February 1960.

Sixth International Congress of Anthropological and Ethnological Sciences, in Paris, France, 31 July–7 August 1960. Application forms available from: Office of Social Sciences. Closing date: 1 February 1960.

International Geographical Congress, in Stockholm, 6–13 August 1960. Application forms available from: Division of Mathematical, Physical, and Engineering Sciences. Closing date: 1 February 1960.

International Congress of Entomology, in Vienna, Austria, 17–25 August 1960. Application forms available from: R. N. Nelson, Executive Secretary, Entomological Society of America, 1530 P St., NW, Washington 6, D.C. Closing date: 15 January 1960.

Scientists in the News

On 16 December the Franklin Institute, Philadelphia, will pay tribute to **F. G. Swann**, director emeritus of the Bartol Research Foundation, for his long years of distinguished service to the institute. Swann, who served as the first director of the Bartol Foundation from 1927 until his retirement on 31 August of this year, will be the speaker of the evening and will discuss "The Science of Yesterday, Today and Tomorrow." He will also be the guest of honor at a reception preceding a dinner.

Sir Richard V. Southwell, former rector of the Imperial College, London, England, has received the Timoshenko Medal of the American Society of Mechanical Engineers for "teaching and research in the application of mathematical and numerical techniques to the solution of practical problems in engineering science."

The society has also honored **Stephen J. Kline**, associate professor of mechanical engineering at Stanford University. He received the Melville Prize Medal for his paper "On the Nature of Stall."

Detlev W. Bronk, president of the Rockefeller Institute, has received a special medal from the Society for Promoting International Scientific Relationships. Bronk, who is also president

of the National Academy of Sciences, was honored for his accomplishments in fostering the promotion of scientific research and international cooperation through exchanges of scholars. The presentation took place on 24 November. The principal address, on "Science and the Progress of Man," was delivered by Alan T. Waterman, director of the National Science Foundation.

The Society for Promoting International Scientific Relationships is comprised principally of chemists, biochemists and physicists. It has approximately 500 members, and corresponding members in many countries.

Eugene B. Brody has been named chairman of the department of psychiatry and director of the Psychiatric Institute of the University of Maryland School of Medicine (Baltimore). Brody joined the Maryland faculty in 1957 as professor of psychiatry and was appointed psychiatrist-in-chief to University Hospital and the Psychiatric Institute in 1958. Since the death of Jacob E. Finesinger in June of this year, he has been acting chairman of the department and acting director of the institute.

Harry Ferguson, mathematician and research engineer at the Wright Air Development Center, Wright-Patterson Air Force Base, Dayton, Ohio, has been appointed associate professor of mathematics in the University of Cincinnati's College of Engineering.

Seymour Perlin has been appointed chief of the newly established division of psychiatry at Montefiore Hospital, New York. Perlin, currently a fellow at the Center for Advanced Studies in the Behavioral Sciences, Stanford, Calif., has resigned his position as chief of the section of psychiatry in the Laboratory of Clinical Science, National Institute of Mental Health.

Perry Johnston, professor of zoology at the University of Arkansas, has joined the Atomic Energy Commission's Division of Biology and Medicine, Germantown, Md., where he is a biologist (histology) in the medical branch.

An award for outstanding achievement in research contributing to the advancement of forestry was made to **Francis X. Schumacher** of the Duke University School of Forestry at the

recent annual meeting of the Society of American Foresters held in San Francisco. A specialist in forest biometry, Schumacher is internationally recognized for his pioneer work in the application of statistics to silviculture.

Arthur E. Lilley, radio astronomer and an assistant professor at Yale University, will join the Harvard University faculty on 1 January as associate professor of astronomy. This fall he has been visiting lecturer at Harvard.

Erik H. Erikson, senior psychoanalyst at the Austen Riggs Center, Stockbridge, Mass., will become professor of human development and lecturer in psychiatry at Harvard University effective 1 July.

Recent Deaths

Gladwyn Graham, Philadelphia, Pa.; 57; chief of the oral surgery department at the University of Pennsylvania Hospital; 17 Nov.

Godfrey R. Hoerner, Corvallis, Ore.; 66; plant pathologist and chief of the Oregon State College technical assistance team at Kasetsart University, Thailand; 23 Oct.

Sara M. Jordan, Marblehead, Mass.; 75; surgeon and gastroenterologist; co-founder of the Lahey Clinic, Boston; 21 Nov.

Albert R. Lamb, Pine Orchard, Conn.; 78; emeritus professor of clinical medicine at Columbia University; 22 Nov.

Walter H. Moursand, Jr., Washington, D.C.; 50; chief of Army Physical Standards in the office of the Surgeon General, Department of the Army, Washington; 20 Nov.

Arthur L. Rawlings, New York, N.Y.; 78; chief engineer for research of the Bulova Research and Development Laboratories, Queens, N.Y.; inventor of gyroscopic mechanisms; 17 Nov.

Edward C. Tolman, Berkeley, Calif.; 73; emeritus professor of psychology at the University of California, Berkeley; author of *Purposive Behavior of Animals and Man* and *Drives toward War*; 19 Nov.

Vernon C. Turner, Evanston, Ill.; 52; associate professor of orthopedic surgery at the Northwestern University Medical School; chairman of the department of orthopedics at Evanston Hospital; 21 Nov.