

privately owned, and, therefore, subject to licensing by the commission. The new policy extends to the public the same opportunity with respect to reactors in the program that are commission-owned.

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A behavioral science computer newsletter is being started as a department of the quarterly journal *Behavioral Science*, which is published by the Mental Health Research Institute of the University of Michigan. Behavioral scientists are making increasing use of high-speed computers in many novel ways, but there is a rather serious lack of communication among them, leading to duplication of effort. The newsletter, which will appear in April, has been established to help remedy this situation.

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Seventeen more countries will participate in the Public Health Service's international research training program, Surgeon General Leroy E. Burney has announced. The program, started a year ago, provides medical research training in this country for scientists from abroad. With the 17 announced this month, 30 countries are now participating in the program.

The 17 new participants are: Argentina, Australia, Brazil, Ceylon, Chile, Colombia, El Salvador, India, Iran, Japan, Mexico, New Zealand, Pakistan, Peru, the Philippines, Thailand, and Uruguay.

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Insect collections of the Smithsonian Institution have been enriched by more than 30,000 beetles gathered in El Salvador by O. L. Cartwright of the U.S. National Museum. The specimens consist chiefly of scarabs, which include some of the largest and most fantastic members of the class Insecta in their world-wide distribution and which are known in art as the Egyptian symbols of immortality. The El Salvador collection, which awaits systematic study, apparently contains no very unusual types but represents an area hitherto almost unrepresented in collections.

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An 85-foot-diameter steel tracking antenna, capable of receiving radio signals from a distance in space of more than 400,000 miles, has provided a wealth of scientific data obtained from Pioneer IV. The antenna is located in a natural bowl-shaped area in a remote site on the Camp Irwin Armor Combat Training Center reservation of the U.S. Army near Goldstone Dry Lake in California.

The intricate unit is specifically designed for tracking and communicating with far-reaching space vehicles as part of this country's space exploration program. The initial range of 400,000 miles will be increased to 40 million miles in 1960, and 4 billion miles in 1962, by

improving the efficiency of the "dish" as a receiver and by improving the power and size of space vehicle radio transmitters.

Grants, Fellowships, and Awards

Cardiovascular reporting. The American Heart Association has announced the seventh annual competition for the Howard W. Blakeslee Awards for outstanding reporting in the field of heart and blood vessel diseases. Selections will be made from among newspaper and magazine articles, books, radio and television programs, and films published or produced between 1 March 1958 and 28 February 1959. The deadline for entries is 1 May. The number of winners to be selected will be determined by the judges. The awards carry an honorarium of \$500 each. Entry blanks and rules folders may be obtained from local heart associations or from the American Heart Association, 44 E. 23 St., New York 10, N.Y.

Laboratory equipment. Scientists and science teachers in colleges, universities, and nonprofit organizations have been invited by the National Science Foundation to submit proposals for the construction of better laboratory equipment for use in the nation's schools. Under the terms of a new, experimental program, the foundation will consider proposals for the design and construction of improved laboratory equipment and for the development of new instructional materials for lecture demonstrations and for laboratory and field work for courses at elementary, secondary, and undergraduate college levels in mathematics, astronomy, earth sciences, physical and biological sciences, and engineering.

Proposals, signed by the project director and a responsible officer of the sponsoring college, university, or scientific organization, should clearly describe the work to be done, give the qualifications of the personnel involved, show how the proposed material will be evaluated and eventually made generally available, and present a detailed budget. Support under this program will not be provided for the purchase of equipment for refurbishing school and college laboratories or for commercial production of equipment or materials.

Because the new program is experimental in nature, funds are limited and grants will be relatively small. Although proposals may be submitted at any time, those to be considered for support during the current fiscal year should be sent *before 15 April* to the Course Content Improvement Section, Division of Scientific Personnel and Education, National Science Foundation, Washington 25, D.C.

Scientists in the News

LEONARD J. BRASS, associate curator, and HOBART M. VAN DEUSEN, assistant curator, of the department of mammals of the American Museum of Natural History left on 13 March on the sixth Archbold expedition to New Guinea. The main purpose of the trip, which will last at least 7 months, is to study the geographical and ecological relationships of the animal and plant life of the New Guinea and Australian area as a whole.

This series of expeditions is sponsored by Richard Archbold, research associate at the museum. The present trip is also being supported by a National Science Foundation grant to Brass, and by a grant to Van Deusen from the Explorers Club of New York.

The following scientists from the United Kingdom are now visiting the United States:

B. A. NEWTON, member of the Medical Research Council's Chemical Microbiology Research Unit, School of Biochemistry, Cambridge, England, arrived on 31 March to visit protozoological research centers in New York, Atlantic City (N.J.), Amherst (Mass.), Detroit, Chicago, Cleveland, Washington (11-18 May), Oak Ridge and Nashville (Tenn.), New Orleans, Houston, Los Angeles, San Francisco, and Montreal. He will leave the country on 10 July.

J. A. POPLE, superintendent, Basic Physics Division, National Physical Laboratory, Teddington, England, arrived on 31 March to attend a meeting of the American Physical Society (High Polymer Physics Division) Cambridge, Mass., and to attend some of the meetings of the American Chemical Society in Boston. His itinerary also includes Washington (7-12 and 20-23 April), Ottawa, Durham (N.C.), and New York. He will leave the country on 23 April.

KENNETH E. NEWLAND, director of the department of aviation at Stephens College, Columbia, Mo., has been appointed curator of the National Air Museum, Smithsonian Institution, Washington, D.C. He will take up his duties at the museum in June.

Twenty-five physicians, teachers, and research workers on the faculties of medical schools in the United States and Canada have been appointed Markle Scholars in Medical Science by the John and Mary R. Markle Foundation, New York. Each appointment carries with it a \$30,000 grant, appropriated to the medical school where the scholar will teach and conduct research, to be used for 5 years for his support and to aid his