

News Briefs

The first volume of an *International Directory of Radioisotopes—Unprocessed and Processed Radioisotope Preparations and Special Radiation Sources*, containing information on all radioisotopes which are for sale or are otherwise distributed by the 50 major suppliers in the world, has been published by the International Atomic Energy Agency. The price of the 264-page directory is \$3.50. Volume 2 of the *International Directory of Radioisotopes*, containing information on the labeled compounds of C^{14} , H^3 , I^{131} , P^{32} , and S^{35} , will follow shortly.

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The Atomic Energy Commission has announced that it is designing, and plans to construct, a small-size pressurized water reactor plant. Accordingly, the commission is inviting proposals from cooperatives and public power organizations with respect to participation in the project. For information, write to: S. R. Sapirie, Manager, U.S. Atomic Energy Commission, Oak Ridge Operations Office, P.O. Box E, Oak Ridge, Tenn.

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A Space Science Division has been established in the California Institute of Technology's Jet Propulsion Laboratory, a research facility of the National Aeronautics and Space Administration. The new division will undertake both theoretical and experimental studies in the space sciences. Initially, the division will consist of two sections—the research analysis section, with Manfred Eimer acting as section chief, and a section under Henry Richter, Jr., to be known as the space instruments section. A. R. Hibbs is acting chief of the division.

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The National Foundation, New York, has established an Advisory Committee on Virus Vaccines with Thomas B. Turner, dean of the medical faculty, Johns Hopkins University, as chairman. The new group will at first make recommendations on problems associated with live-virus poliomyelitis vaccines but may later be asked to advise on other vaccines.

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Copies of four advanced design studies for power reactors, and the Atomic Energy Commission's evaluation report on the studies, are available through the Office of Technical Services, U.S. Department of Commerce, Washington 25, D.C. The design studies, produced by industry under contract to the commis-

sion, concern heavy-water-moderated, pressurized water, boiling water, and organic-cooled power reactors. The studies were authorized by Congress last year as part of the AEC program to produce nuclear power economically at an early date. Until now, only a limited number of copies of the studies have been available.

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The Office of Education has announced publication of a 32-page report on "Educational Systems in Poland" as the latest in its series, *Information on Education Around the World*. The pamphlet describes elementary, secondary, and vocational schools, teacher-training institutions, and higher education. Wherever possible, curricula and time schedules are given. A bibliography is also included. A limited number of copies of the report are available on request from the U.S. Office of Education, Washington 25, D.C.

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Japan is building a new observatory on Mount Chikurin, near Kamogata in Okayama prefecture, about 500 miles southwest of Tokyo. This branch station of the Tokyo Astronomical Observatory will become the center for astrophysical research in Japan. When construction was begun last December, the station was formally named the Okayama Astrophysical Observatory. Initially there will be two major reflectors, a 74-inch and a 36-inch, together with a main building for offices and laboratories, housing for observers and a small museum for visitors. The two telescopes are expected to be installed by the middle of 1960.

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The Atomic Energy Commission has published a 32-page booklet, *TID-8200, Nuclear Reactors—Built, Building or Planned in the United States*, which is available without charge from the commission's Technical Information Service Extension, P.O. Box 62, Oak Ridge, Tenn. The booklet is composed of six sets of tables covering: civilian power and propulsion reactors; other civilian reactors; military propulsion, power, and test reactors; production reactors; reactors for export; and critical assembly facilities. Each table shows the name of the owner, location, principal contractor, type, power ratings, and start-up date for the various reactors.

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An International Ergonomics Association has been formed, with headquarters in Zurich. The objective of the new society is to bring together individuals and organizations concerned with

the development and application of scientific biological knowledge related to the utilization of human capacities in work. Involved are scientists in physiology, psychology, and anatomy and industrial physicians and engineers, as well as organizations representing management and labor. The association is planning to hold its first meeting in Stockholm in 1961. For information, communicate with Dr. H. S. Belding, Professor of Environmental Physiology, Department of Occupational Health, Graduate School of Public Health, University of Pittsburgh, Pittsburgh, Pa.

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Argonne National Laboratory, Lemont, Ill., has announced the formation of two new major divisions—one for high energy physics and one for solid state science. Acting director of the High Energy Physics Division will be Roger Hildebrand, who is also associate laboratory director for high energy physics. Director of the Solid State Science Division will be Oliver C. Simpson, formerly associate director of the laboratory's Chemistry Division. Donald C. Stewart has been named associate director of the Chemistry Division.

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UNESCO will organize an intergovernmental conference, to be held next year in Denmark, to discuss the operation of international oceanographic vessels and the establishment of an international program of research and training in the marine sciences. The date will be set by the Director-General of UNESCO, after consultation with the Danish Government.

UNESCO's General Conference decided last November to convene this conference in 1960 and asked the executive board to fix the time and place, after considering offers from member states. Just how the "operation of international oceanographic vessels" is to be carried out has not yet been decided. Proposals under consideration include construction of an international research ship to be built, equipped, and operated by UNESCO, and commissioning of existing oceanographic vessels to operate on an international basis.

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The National Aeronautics and Space Administration's Western Coordination Office in Santa Monica, Calif., has been reorganized and designated the Western Operations Office. In addition to the liaison functions previously performed, the office will provide administrative and management support west of Denver, Colo. The unit's director is Robert W.

Kamm, for the past 2 years chief of the plans and policy office of the Arnold Engineering Development Center at Tullahoma, Tenn. Edwin P. Hartman, who has headed the office since it was established, just before World War II, by the National Advisory Committee for Aeronautics—predecessor of NASA—will continue in charge of technical liaison with universities and the aerospace industry.

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A new guide to help authors prepare clear and legible illustrations for technical papers and articles has just been approved by the American Standards Association and published by the American Society of Mechanical Engineers. Titled *American Standard Illustrations for Publications and Projection, Y15.1-1959*, the 16-page, illustrated pamphlet is available at \$2 a copy from ASA, 70 E. 45 St., New York 17, N.Y., or from ASME, 29 W. 39 St., New York 18, N.Y.

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The Government of Australia has presented the International Atomic Energy Agency with complete sets of ten of the country's leading scientific and technical journals, and with free subscriptions. The IAEA library is at present growing at a rate of approximately 599 acquisitions per week. At the same time, it is getting requests from all over the world for information on specific problems concerned with the application of atomic energy for peaceful purposes. A special feature of the agency's library is its growing collection of legislative texts on atomic energy.

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Dedication ceremonies for Stanford University's \$22 million Stanford Medical Center at Palo Alto, Calif., were held 17-18 September. James Shannon, director of the National Institutes of Health, and five other noted speakers participated.

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A "Second Preliminary List of the World's Rotifer Students" that contains the names and the most recent addresses of students of the Rotifera and those who use rotifers as experimental animals is being distributed free to workers in the field by Dr. John J. Gallagher, 1716 E. Terry, Pocatello, Idaho.

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The American Association of Physics Teachers and the American Institute of Physics will jointly conduct a Visiting Foreign Scientists Program in Physics in 1959-60 under a grant from the National Science Foundation. The program

will provide opportunities for distinguished physicists abroad to come to the United States for visits to educational institutions. The visitors will spend from 3 to 5 weeks in this country.

The Visiting Foreign Scientists Program in Physics, like the Visiting Scientists Programs in Physics (colleges and high schools), which are also supported by NSF, will be administered by the staff of the American Institute of Physics with the assistance of an advisory committee appointed by the American Association of Physics Teachers. J. W. Buchta, University of Minnesota, is chairman of the committee.

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The Atomic Energy Commission will discontinue operation of the American Museum of Atomic Energy in Oak Ridge, Tenn., next 30 June. The museum has been run for the commission since 1949 by the Oak Ridge Institute of Nuclear Studies. The institute will continue to administer the AEC traveling exhibits that are sent throughout the United States. Last year these exhibits were seen by more than 8 million people. In comparison, only about 80,000 a year visit the museum.

Grants, Fellowships, and Awards

Blindness. The National Council to Combat Blindness, Inc., has announced that the closing date for receipt of completed applications for Fight for Sight research fellowships, grants-in-aid, and summer student fellowships is *1 January 1960*. Appropriate forms may be obtained by addressing the Secretary, National Council to Combat Blindness, Inc., 41 W. 57 St., New York 19, N.Y.

Cerebral palsy. The United Cerebral Palsy Research and Education Foundation has announced the availability of long-term research and training grants, clinical fellowships for young physicians in their residency years, postdoctoral fellowships in brain research, and short-term fellowships for medical students. The deadlines for submission of applications are *15 September, 1 January, 15 March, and 1 July*. Additional information may be obtained from: Director of Research, United Cerebral Palsy Research and Educational Foundation, 321 W. 44 St., New York 36, N.Y.

Statistics. Awards for study in statistics by persons whose primary field is not statistics but one of the physical, biological, or social sciences to which statistics can be applied are offered by the department of statistics of the University of

Chicago. The awards range from \$3600 to \$5000 on a 9-months' basis, or \$4400 to \$6000 on an 11-months' basis. The closing date for applications for the academic year 1960-61 is *15 February 1960*. Further information may be obtained from the Department of Statistics, Eckhart Hill, University of Chicago, Chicago 37, Ill.

Scientists in the News

Five major awards were presented during the American Psychological Association's recent meeting in Cincinnati, Ohio.

E. G. BORING, professor of psychology emeritus of Harvard University, received the Gold Medal Award of the American Psychological Foundation "for his varied and distinguished contributions to psychology as investigator, historian, theorist, teacher, administrator and statesman, popular expositor, and editor."

MARJORIE VAN DE WATER, science writer for Science Service, Washington, D.C., received the foundation's second award, ordinarily given for an outstanding book or article, "for her career of distinguished popular interpretation of psychological science."

The three \$1000 APA awards for distinguished scientific contribution were presented to:

NEAL E. MILLER, James Rowland Angell professor at Yale University and the newly elected president of the association;

LEON FESTINGER, professor of psychology at Stanford University;

DONALD B. LINDSLEY, professor of psychology at the University of California, Los Angeles.

J. B. CHASSAN, formerly of the Massachusetts Institute of Technology's Operations Evaluation Group, has been appointed chief of the newly established Biometrics Branch of Saint Elizabeths Hospital, Washington, D.C.

EDGAR P. KING, head of the department of operations research of Eli Lilly and Company, has been named head of the company's newly established statistical research department.

WALTER C. WILLIAMS, chief of the National Aeronautics and Space Administration's High-Speed Flight Station, Edwards, Calif., has been named associate director of Project Mercury, a program which is designed to put a