

to the advent of atomic power, making this adaptation as painless and harmless as possible and allowing man to reap a rich harvest from the seed his inventive genius has sown.

The WHO Study Group on the Mental Health Aspects of the Peaceful Uses of Atomic Energy included: Austen M. Brues, Argonne National Laboratory, Lemont, Ill.; Brock Chisholm, former director-general of WHO, Victoria, British Columbia, Canada; A. H. Leighton, Center for Advanced Study in the Behavioral Sciences, Stanford, California; J. S. Riach, Marie Curie Hospital, London; Kenneth Soddy, assistant director, World Federation for Mental Health, London; Ritchie Calder, science writer, London; Hans Hoff, University of Vienna, *chairman*; P. J. Reiter, Kommunehospitalet, Copenhagen; and A. M. Tubiana, Institut Gustave Roussy, Villejuif, France. The secretariat was composed of E. E. Krapf, chief, Mental Health Section of WHO, and Maria Pfister, medical officer, Mental Health Section of WHO.

## News Briefs

P. R. Mallory & Co., Inc., Indianapolis, Ind., has received the 1957 AAAS Industrial Science Achievement Award for the development of the Steelmet process, which extends the use of powder metallurgy to entirely new fields. The Steelmet process eliminates the expensive multiple pressing and sintering required by other powder metallurgy processes and obtains dense structural parts from inexpensive raw materials. This annual award, which was established in 1956, is administered by the AAAS Industrial Science Section.

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During the past 6 months, the Biological Sciences Division of the Office of Naval Research has awarded a total of 122 research contracts. Of these, 30 support work in physiology, 15 in biochemistry, 25 in microbiology, 28 in medicine and dentistry, and 24 in biology.

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In order to facilitate the exchange of information, the Psychology Branch of the Aero Medical Laboratory at Wright-Patterson Air Force Base is interested in discovering all individuals and organizations, both private and governmental, who are engaged in or interested in human engineering work. Such people are requested to send their names, the organization involved, its address, and particular areas of specialization or interest to the Psychology Branch, Aero Medical Laboratory, Directorate of Laboratories, Wright Air Development Center, Wright-Patterson Air Force Base, Ohio, Attention: F. H. Rohles. A list of these in-

dividuals and organizations will be compiled, and copies will be sent to each participant.

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The Society of Protozoologists announces the publication of "A Catalog of Laboratory Strains of Free-living and Parasitic Protozoa." Sources from which protozoans may be obtained and directions for maintenance are included. The catalog will appear as an integral part of the February 1958 issue of the *Journal of Protozoology*. Reprints of the catalog will be sold at a nominal cost. Orders should be sent to Dr. D. M. Lilly, Treasurer, Society of Protozoologists, Department of Biology, St. John's University, Jamaica 32, New York.

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The U.S. National Committee for the International Union of Biochemistry is now operating within the Division of Chemistry and Chemical Technology of the National Research Council. This eight-man committee represents the biochemists of the United States in matters relating to national participation in the International Union of Biochemistry and, specifically, makes nominations in the selection of U.S. delegates to the general assemblies and international congresses of the IUB. R. H. Barnes is the committee's chairman and S. W. Fox is secretary-treasurer.

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Harvey Mudd College has been awarded a grant from the Fund for the Advancement of Education to be used to survey experimental curricula in colleges of science and engineering throughout the United States. The award, which comes during the college's first year of operation, will enable members of the faculty to visit a number of colleges that are currently considering the revision of their curricula in the physical sciences and engineering.

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Argonne National Laboratory has received authorization from the U.S. Atomic Energy Commission to proceed with design studies for a 12.5-Bev zero gradient proton synchrotron. Cost of the facility is estimated at \$27 million, and the AEC has made available \$1.5 million for detailed design work.

## Scientists in the News

At its ninth session in Geneva on 19 December 1957, the Council of CERN, the European Organization for Nuclear Research, elected FRANCOIS DE ROSE of France as its president for 1958. In compliance with the terms of the CERN convention, which limits tenure of office to three successive years, De Rose succeeds Sir BEN LOCKSPEISER, who has presided over the governing body of

CERN since October 1954. J. WILLEMS of Belgium and W. HEISENBERG of Germany have been elected vice presidents. They succeed DE ROSE and HOLTSMARK of Norway.

E. AMALDI of Italy has assumed the chairmanship of the Scientific Policy Committee, succeeding Heisenberg, and J. H. BANNIER of the Netherlands has succeeded Willems as chairman of the Finance Committee.

HERBERT L. ANDERSON has been named director of the University of Chicago's Enrico Fermi Institute for Nuclear Studies. He succeeds SAMUEL K. ALLISON, who has directed the institute since it was organized in 1946. Both men are professors in the department of physics and in the institute. Allison resigned his administrative duties to devote more time to his studies of low-energy particles.

ALBERT B. SABIN, professor of research pediatrics at the University of Cincinnati College of Medicine, has received the Phi Lambda gold medal and plaque for his contributions to the advancement of medical science. The award was made by the medical fraternity at its 50th annual convention dinner in the Waldorf-Astoria Hotel, New York. Sabin is known for his work in orally administered vaccine for the control of poliomyelitis and for his research in infectious diseases.

SOLOMON LEFSCHETZ, professor emeritus, department of mathematics, Princeton University, was recently elected corresponding member of the Academie des Sciences of Paris.

The U.S. Atomic Energy Commission has given its Distinguished Service Award, the highest honor it can bestow, to CHARLES L. DUNHAM, director of its Division of Biology and Medicine, and to SAMUEL R. SAPIRIE, manager of its Oak Ridge, Tenn., Operations Office.

FREDERICK D. ROSSINI, head of Carnegie Institute of Technology's department of chemistry and director of the school's Chemical and Petroleum Research Laboratory, was one of the principal speakers at the Indian Science Congress, which opened on 6 January in Madras. The Indian Science Congress Association is an organization that is similar to the AAAS.

JOHN TROAN, science editor of the *Pittsburgh (Pa.) Press*, has been named science writer for the Scripps-Howard Newspaper Alliance, with headquarters in Washington, and member of the Scripps-Howard editorial advisory board.

GEORGE P. FULTON, JR., chairman of the Boston University department of biology and specialist in small blood vessels, will be a visiting professor of physiology at the Stanford University School of Medicine in San Francisco, Calif., for 7 months beginning with the start of the second semester in February.

RICHARD R. KUDO, emeritus professor of zoology at the University of Illinois and since 1954 visiting professor of protozoology in the Institute of Microbiology at Rutgers University, will retire at the end of the current academic year.

SAUL GORDON and CLEMENT CAMPBELL have established a research and development consulting laboratory under the name of Gordon and Campbell, Consulting Chemists, at 12 Brookfield Way, Morristown, N.J. They are specializing in the application of thermo-analytical research techniques.

HAROLD J. LUTZ, Morris K. Jesup professor of silviculture and director of research in forest biology at Yale University, has received the Award for Biological Research of the Society of American Foresters. The award was given in recognition of Lutz's lifetime of work, and particularly for his studies, conducted in Alaska, of the effect of forest fires on vegetation. These studies, which occupied four summers beginning in 1949, were sponsored by the U.S. Forest Service, the Department of Agriculture, and the Bureau of Land Management of the U.S. Department of the Interior.

BABU N. PATEL, former director of research at E. Fougere and Company, has been appointed professor of pharmaceutical chemistry and chairman of the department of chemistry at the New England College of Pharmacy.

WILLIAM C. STEERE, dean of the Graduate Division and professor of biology, Stanford University, has been appointed director of the New York Botanical Garden. He will assume his new post on 15 July 1958. In the interim, DAVID D. KECK, assistant director and head curator, is serving as acting director. Director WILLIAM J. ROBINS retired on 31 December at his own request. Steere has made extensive studies in the cytology and systematics of bryophytes and their geographic distribution and has engaged in field work in Puerto Rico, Colombia, Ecuador, and Alaska.

J. WILBERT EDGERTON, former executive director of the Alabama Association for Mental Health, has joined the staff of the U.S. Public Health Service's National Institute of Mental Health, which has assigned him to duty as men-

tal health consultant in psychology in the Charlottesville, Va., regional office.

THOMAS E. ANDERSON, formerly deputy chief of the psychology section, U.S. Public Health Service Hospital, Lexington, Ky., has been transferred to NIMH as director of the School Mental Health Demonstration Project in Volusia County, Fla.

ROBERT S. SHELLOW has transferred to NIMH from the National Training School, Washington, D.C., and has been promoted to the grade of scientist and assigned to duty with the Mental Health Study Center, Langley Park, Md.

LAURENCE L. FROST, formerly with the National Institute of Neurological Diseases and Blindness, is now with NIMH as clinical psychologist in the Juvenile Court Clinic of the District of Columbia.

A. C. REDFIELD, senior oceanographer emeritus at the Woods Hole Oceanographic Institution, Woods Hole, Mass., will discuss "The Proportions of Things in the Sea" as a Sigma Xi national lecturer at a number of colleges and universities during January, February, and March.

LEONA E. TYLER, professor of psychology at the University of Oregon, is a visiting professor in the department of psychology at the University of California, Berkeley, for the present academic year.

WILLIAM J. GRACE and RICHARD J. KENNEDY have been appointed to the staff of St. Vincent's Hospital of the City of New York and to the faculty of New York University College of Medicine. Grace, who has served on the faculty of the Cornell University Medical College since 1946, has been named director of medicine and professor of clinical medicine; Kennedy, a member of the St. Vincent's attending staff since 1936, is now associate director of medicine and clinical professor of medicine.

HANS L. KORNBERG, member of the British Medical Research Council's cell metabolism unit in the department of biochemistry, University of Oxford, has been appointed research associate in bacteriology and immunology at Harvard University Medical School for the period February through June 1958.

CARLOS L. GONZÁLEZ, since 1954 assistant director of the Pan American Sanitary Bureau, Regional Office of the World Health Organization, has resigned, effective 31 March. González has been elected principal senator for his native state of Tachira, Republic of Venezuela, and will assume his legislative responsibilities in April.

## Recent Deaths

LOUIS H. BARENBERG, Bronx, N.Y.; 71; clinical professor of pediatrics at New York Medical College; held an Award of Merit from the American Medical Association for original investigation on the "prevention of contagion in pediatrics wards with the use of human serum or plasma"; 18 Dec.

ALFRED W. DOLL, Oceanside, N.Y.; 54; assistant dean and professor of physics at Pratt Institute; 23 Dec.

JAMES C. DOWNS, Eugene, Ore.; 72; electrical and chemical engineer who discovered the electrolytic cell process; 18 Dec.

EDWIN A. GRIFFIN, Brooklyn, N.Y.; 70; otolaryngologist and past president of the Pan American Medical Association; 29 Dec.

W. L. HART, San Antonio, Tex.; 76; retired brigadier general, U.S. Army Medical Corps; helped to establish Brooke Army Hospital; head of the Southwestern Medical School, Dallas, Tex.; 22 Dec.

GEORGE W. HARTMAN, San Francisco, Calif.; 78; urologist and former secretary of the American Urological Association and former president and secretary of its western branch; 24 Dec.

TRACY B. KITTREDGE, Washington, D.C.; 66; retired captain, U.S. Naval Reserve; former assistant director of the Social Sciences Division of the Rockefeller Foundation; 22 Dec.

FLORENCE C. LEVY, New York, N.Y.; 65; bacteriologist with the nutrition board of the American Red Cross; 24 Dec.

HENRY W. McCANDLESS, Dunellen, N.J.; 91; former head of the special lamp division of Westinghouse Electric Corporation; aide to Lee de Forest in the development of the three-element electron tube; 24 Dec.

W. A. MURRILL, Gainesville, Fla.; 88; retired staff member of the New York Botanical Garden and former editor of *Mycologia*; 25 Dec.

FREDERICK L. OLMSTED, Malibu, Calif.; 87; landscape artist and city planner; member of various commissions concerned with the planning of the parks and government buildings in Washington, D.C.; consultant on many park projects; 25 Dec.

JOHN STUART, Washington, D.C.; 72; former aviation writer for the *New York Times*; 24 Dec.

CHARLES C. TREMBLEY, Daytona Beach, Fla.; 86; retired physician; for 35 years the director of the Trudeau Sanitarium at Saranac Lake, N.Y.; 20 Oct.

CHARLES A. WHEELER, Bridgeport, Conn.; 86; professor emeritus of mathematics at Storrs Agricultural College (now the University of Connecticut); 28 Dec.