

News Briefs

The American science exhibits shown at the Brussels World's Fair have been collected and put on display at the Museum of Science and Industry in Chicago. The National Science Foundation, which was responsible for the creation and presentation of the original displays in Brussels, is sponsoring the exhibit in Chicago. The display units, which were prepared by hundreds of scientists at various university, government, and industrial research centers before shipment to Brussels, are grouped in four major categories in the current exhibit. These are American scientific research in the fields of the atom, the molecule, the crystal, and the living cell.

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The whereabouts of Peking man, discussed in the 27 March "News of Science," is apparently not just a scientific issue, but a political one as well. In an article on Iraq that appeared last month in the *Washington Post*, Mary V. R. Thayer reports, when referring to the ambassador from mainland China:

"The diminutive Chinese Ambassador, Che-fang, bounces into every reception, immediately seeks some unfortunate Westerner to bait. His favorite gambit is to accuse Americans of stealing the Peking Man skeleton. Since few really know what happened to the Peking Man's bones, Chen Che-fang usually gets away with it."

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According to a *New York Times* survey, only a small number of the scholarships that will be awarded this spring to high-school graduates will go to children of lower-income families. The scholarships, awarded by colleges, businesses, and organizations, are going in the main to sons and daughters of 'middle-income' parents, the study reports. Interviews with various college officials and examination of published studies indicate that, of those students who receive financial aid, only about 10 percent come from families that have incomes of \$4000 or less. Other parts of the report state that because of financial and other barriers the nation is now losing the talents of 150,000 able youths a year from the lower-income families.

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A new satellite-tracking range, designed to achieve extremely high accuracy, will begin operation on Long Island in May. The range will have three stations with approximately the same weather conditions and with the same time signals generating from one source. The three units will track and photograph the satellites at the same instant against a background of fixed stars. It is planned that the time signals will be obtained from the Brookhaven National

Laboratory's atomic clock. The unusual accuracy of the new range will contribute significantly to the refinement of world geodetic surveys, according to one authority. Plans are being considered which would link the Long Island range with others on the East Coast, including the range at Cape Canaveral.

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Charles H. Townes, professor of physics at Columbia University, has given his patent rights for the maser to the Research Corporation, New York, which was established by the late scientist and inventor, Frederick G. Cottrell. The corporation's total income is distributed among educational institutions for the support of fundamental research. The patent rights cover a variety of existing masers as well as those that are proposed or are now being constructed. Maser is a word that was coined by Townes, who supervised the building of the first maser in 1954. The word stands for "microwave amplification by stimulated emission of radiation."

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Colleagues, friends, and former students of the late Robert Emerson, University of Illinois professor of botany, are establishing a memorial fund in his honor to provide financial assistance for graduate students working in the allied fields of photosynthesis, physics, chemistry, and biochemistry. Anyone wishing to contribute to the Robert Emerson Memorial Fund should send donations to University of Illinois Foundation, 226 Illini Union, Urbana, Illinois.

Scientists in the News

DONALD B. ZILVERSMIT, professor of physiology at the University of Tennessee, has been named the seventh Career Investigator of the American Heart Association. The Career Investigatorship provides \$30,000 annually for outstanding scientists throughout their productive lives. Zilvermit has made important contributions to a better understanding of atherosclerosis.

ERIK STROMGREN, professor of psychiatry at Aarhus University in Denmark and medical director of the State Mental Hospital at Risskov, will participate in the third International Seminars on Mental Health starting 23 April under sponsorship of the Postgraduate Center for Psychotherapy, 218 E. 70 St., New York. He will give lectures on 23 April, 3 May, and 6 May.

Six representatives of Spain's Junta de Energia Nuclear, Spanish counterpart of the U.S. Atomic Energy Commission, are starting a 3-month study of a design for a 32,000 kilowatt nuclear power plant

at the General Electric Atomic Power Equipment Department. The visitors, who are among Spain's top nuclear experts, include:

FEDERICO GODED, leader of the group and head of the atomic section of General Electric Espanol; LUIS PALACIOS, a member of the Junta reactor design group; FRANCISCO BOSCH, head of a nuclear group in the Hidro-electrica Espanola power company and editor of a nuclear magazine entitled *Cenusa*; JOSE FITE, a physicist in the Junta; JOSE URQUIA, a member of Instituto Nacional de Industria nuclear section; ANTONIO OSUNA, member of Technatom, a nuclear consulting group.

CLARK T. RANDT, associate professor of neurology in the department of medicine, Western Reserve University, and director of the division of neurology, University Hospitals, Cleveland, Ohio, has been appointed scientist for space medical research in the office of research grants and contracts at headquarters, National Aeronautics and Space Administration, Washington, D.C.

Sir FRANCIS WALSHE, outstanding British neurologist, will visit the medical schools at the University of Washington (St. Louis), the University of Cincinnati, and the University of California (San Francisco) in late April and early May. At the University of Washington he will give the Bishop Lecture. He will participate in an University Extension Division Course devoted to "Neurology of the Cerebral Cortex and Its Related Structures" at the University of California, and he will address the San Francisco Neurological Society on "Mind in Relation to the Brain." Before leaving this country he will also visit Johns Hopkins University School of Medicine and the National Institute of Neurological Disease and Blindness in Bethesda, Md.

MARTIN LINDAUER, outstanding specialist on the behavior of bees of the University of Munich, Germany, delivered the three Prather lectures in biology at Harvard University during the first part of April. His subject was "Forms of Communication in the Social Bees."

Scientific visitors to the United States from Australia are as follows:

T.M. PALMER, senior research officer, Commonwealth Scientific and Industrial Research Organization, National Standards Laboratory, Sydney, arrived on 2 April and will leave the country on 9 May. His itinerary includes California, Colorado, Illinois, the District of Columbia, Pennsylvania, New York, and Massachusetts.

S. M. BRISBANE, senior research

officer, Commonwealth Scientific and Industrial Research Organization, Cement and Ceramics Section, Division of Industrial Chemistry, Melbourne, arrived on 15 April and will leave on 22 May. He will visit California, Illinois, Ohio, Pennsylvania, and New York.

ROBERT F. LOEB, chairman of the department of medicine at the College of Physicians and Surgeons, Columbia University, will retire on 30 June. He will also give up his post as director of medical service at Presbyterian Hospital. Loeb, who joined the university in 1921, will remain as Bard Professor of medicine for another year while on sabbatical leave. His research work led to the successful treatment of Addison's disease and contributed to the knowledge of the metabolism of sodium and potassium.

DANIEL A. BUSCH, consulting petroleum geologist of Tulsa, Okla., has been named the 1959 winner of the George C. Matson Award of the American Association of Petroleum Geologists for his paper "Prospective for Stratigraphic Traps." The award was presented during the association's annual meeting in Dallas, Tex.

KARL HARPUDER, assistant clinical professor of medicine at Columbia University College of Physicians and Surgeons, has been serving this month as the second Louis J. Horowitz visiting professor in the department of physical medicine and rehabilitation at New York University-Bellevue Medical Center.

DONALD P. ECKMAN, professor of mechanical engineering at Case Institute of Technology, has been presented the Annual Award of the American Society of Mechanical Engineers for outstanding work in the field of instrumentation.

ALBERT LEVAN, geneticist at the University of Lund, Sweden, is at the University of Texas to continue cancer research he began in 1957 with John J. Bieseke, zoologist at Texas. The two men are conducting the major part of their investigations at the university's M.D. Anderson Hospital and Tumor Institute in Houston.

ERNEST T. S. WALTON, noted Irish scientist and Nobel Prize winner, inaugurated the annual Glover Memorial lectureship in the natural sciences at Dickinson College, Carlisle, Pa., on 17 April. The lecture is named for John Glover, English inventor of the "Glover Tower" process for making sulfuric acid. Walton, a pioneer in nuclear research and a member of Ireland's Atomic En-

ergy Commission, is chairman of the School of Cosmic Physics, Dublin, and a member of the faculty of Trinity College, University of Dublin.

L. ESSEN, senior principal scientific officer at the National Physical Laboratory, England, has received the £500 Wolfe Award. The award is the first of 10 annual awards to be made to the research worker who is considered by the Department of Scientific and Industrial Research, London, to have made an outstanding contribution to the research work of the department during the previous year.

CARL E. SCHWOB has retired as special consultant to the chief engineer on the water pollution control program of the Public Health Service, where he has served since 1955. From 1945 to 1955 he was chief of the Public Health Service Division of Water Pollution Control. In 1948 he helped to shape bipartisan legislation on water pollution and subsequently directed the program which laid a foundation for the abatement of pollution of this country's water resources. He received the Nash Conservation Award for this work in 1953, and in 1955 he was presented the Arthur Sidney Bedell Award of the Federal Sewage and Industrial Wastes Association.

EDMOND C. BUCKLEY, former chief of the Instrument Research Division of the National Aeronautics and Space Administration's Langley Research Center, has been appointed assistant director for space flight operations at NASA headquarters in Washington, D.C.

AGNES B. RUSSFIELD, assistant pathologist on leave from Massachusetts General Hospital, has joined Bio-Research Institute, Inc., and Bio-Research Consultants, Inc., in Cambridge, Mass., as an associate in pathology.

GEORGE B. KOELLE, dean of the University of Pennsylvania Graduate School of Medicine and chairman of its department of physiology and pharmacology, has been named chairman of the department of pharmacology of the university's School of Medicine, effective 1 July. He will succeed CARL F. SCHMIDT, who will become emeritus professor of pharmacology when he retires as chairman, a post he has held for 28 years.

EDWARD L. BORTZ, leader in geriatrics and former president of the American Medical Association who is now chief of the medical service at the Lan-

kenau Hospital, Philadelphia, has been named chairman of the 1960 National Health Forum. The forum, an annual national conference, is sponsored by the National Health Council on behalf of its more than 60 member agencies. The 1960 Forum will be held in Miami Beach, Fla., during the week of 13 March, with "Health of Older People" as its theme.

MICHAEL KASHA, professor of physical chemistry at Florida State University, has been appointed head of the university's department of chemistry. He succeeds KARL DITTMER, who has been appointed director of the Petroleum Research Fund. Kasha will give the Reilly lectures at the University of Notre Dame in May, and will serve as visiting professor of physical chemistry at Harvard University during the academic year 1959-60.

HOWARD H. AIKEN, director of Harvard University's Computation Laboratory, has been elected honorary chairman of the International Conference on Information Processing. The conference, sponsored by UNESCO, will be held in Paris, 13-23 June.

Recent Deaths

FLORENCE L. GOODENOUGH, Lakeland, Fla.; 72; professor emeritus in the Institute of Child Development and Welfare at the University of Minnesota; contributed to research in developmental psychology; 4 Apr.

JOSEPH A. GRAND, Washington, D.C.; 43; chemist in the physical and inorganic branch of the Chemistry Division of the Naval Research Laboratory, where he had been employed since 1941; 2 Apr.

WALTER H. MOURSUND, Houston, Tex.; 74; dean emeritus of the Baylor University College of Medicine; had been dean there for 30 years; wrote *The History of Baylor University College of Medicine—1900-53*, after his retirement in 1953; 3 Apr.

CLARENCE R. O'CROWLEY, Newark, N.J.; urologist and genito-urinary surgeon; had been assistant professor of urology at the University of Pennsylvania's Graduate School of Medicine for 25 years; past president of the American Urological Association and of the American Association of Genito-Urinary Surgeons; 28 Mar.

EMORY C. UNNEWEHR, Athens, Ala.; 73; chairman of the division of mathematics and science at Athens College since 1952; professor of physics at Baldwin-Wallace College, Berea, Ohio, 1919-52; 11 Feb.