

News Briefs

Growth symposium. Approximately 1000 leading scientists from the United States and abroad will attend the world symposium on the growth of plant and animal life at Purdue University, 16-18 June. The distinguished visitors from other countries will include Harriet Ephrussi-Taylor, France; F. H. C. Crick, Claude W. Wardlaw, John Hammond, and G. E. Blackman, all of England; Jean Brachet, Belgium; E. Zeuthen, Denmark; and Pierre Dansereau, Canada.

* * *

U.S. science education. The National Science Foundation has just published the *Statistical Handbook of Science Education* (NSF-60-13), a compilation of statistical material on the education and training of scientists and engineers in the United States. Copies, at 55 cents each, may be obtained from the Superintendent of Documents, U.S. Government Printing Office, Washington 25, D.C.

* * *

Latin-American physics. The Latin American School of Physics, which met for the first time last year in Mexico City, will meet this year from 27 June to 7 August in Rio de Janeiro, at the Centro Brasileiro de Pesquisas Físicas, under the auspices of Conselho Nacional de Pesquisas do Brasil, Academia Brasileira de Ciências, Campanha de Aperfeiçoamento de Pessoal de Nível Superior, Pan American Union, and UNESCO. The courses, one of which will be conducted by C. N. Yang of the Institute for Advanced Study, will have the general title "Problems of high and low energy nuclear physics." For information, contact J. Leite Lopes, Centro Brasileiro de Pesquisas Física, Av. Wenceslau Braz, 71, Rio de Janeiro, Brazil. In 1961 the Latin American School of Physics will meet in Argentina.

* * *

Biophysical journal. The Biophysical Society and the Rockefeller Institute Press have announced the establishment of the *Biophysical Journal*. The first volume will include eight bimonthly issues beginning with September 1960. Subscriptions will be \$8. Biophysical Society members who subscribe through the society will receive a discount. After the first volume, the journal will appear in one volume per year, of six issues, beginning in January, at a sub-

scription price of \$6 to nonmembers. Manuscripts and subscriptions are now being accepted. Manuscripts should be addressed to the editor, Professor Frank Brink, Jr., at the Rockefeller Institute, East 66 St. and York Ave., New York 21, N.Y.

* * *

Paper for engineers. A new newspaper entitled *Engineer* has been launched by the Engineers Joint Council (New York), a federation of 21 engineering societies. The quarterly publication was established in recognition of the greatly increasing role of the engineer in national affairs and the fast pace of technical developments that make necessary a medium of communication among all engineers, regardless of speciality.

* * *

For physiology teachers. The Educational Committee of the American Physiological Society is compiling a series of new or unusual experiments that illustrate important physiological concepts. It is hoped that these experiments will help teachers of physiology and human biology in colleges and universities throughout the country. Contributions to the series are urgently needed and will be gratefully received by Dr. C. Haywood, Department of Physiology, Mount Holyoke College, South Hadley, Mass.

* * *

The Science Teacher Achievement Recognition (STAR) 1960 program awards were presented at the recent annual convention of the National Science Teachers Association in Kansas City. Fifty-six cash prizes, ranging from \$100 to \$1000 and totaling \$13,500, and more than 70 certificates of honorable mention, were awarded.

* * *

Cell culture genetics. A *Symposium on Cytology and Cell Culture Genetics of Man* (42 pages) has been published by the *American Journal of Human Genetics* with the aid of funds from the National Institutes of Health, Public Health Service, U.S. Department of Health, Education, and Welfare. Reprints may be obtained upon request from Dr. Gordon Allen, Building 10, Room 2N208, National Institutes of Health, Bethesda 14, Md.

* * *

Zoonoses center. A Center for Zoonoses Research will open in September at the University of Illinois. The center, which will be directed by Carl A.

Brandly, dean of the College of Veterinary Medicine, will be first of its kind in North America. The only other comparable facility is the Pan-American Zoonoses Center, established in 1956 at Azul, Argentina, and supported by the World Health Organization and the Argentine Government.

* * *

NIH program transfers. Administrative responsibility for the Russian Scientific Translation Program and the Foreign Grants and Awards Program of the National Institutes of Health has been transferred from the Division of Research Grants to the Division of General Medical Sciences under G. Halsey Hunt, chief of the division. The Translation Program is directed by Samuel S. Herman, and the Foreign Grants and Awards Program is headed by R. E. Scantlebury.

Scientists in the News

Gerald B. Cook, well-known English radiochemist, has been appointed chief chemist of the International Atomic Energy Agency laboratory that is being constructed at Seibersdorf, near Vienna. Cook is an atomic energy pioneer, having been closely associated with the chemistry aspects of atomic energy development ever since the initial stages in England, 20 years ago. Since 1947 he has worked at the Atomic Energy Research Establishment at Harwell, first in the Chemistry Division and then in the Isotope Research Division, where he has headed the chemistry group since 1954.



Gerald B. Cook, new chief chemist of the IAEA.

Edward Teller has resigned as director of the University of California's E. O. Lawrence Radiation Laboratory, Livermore, because he wishes to return to teaching and research. He will continue as an associate director of the Lawrence Laboratory and in addition will become professor at large of physics, a state-wide post now held only by Harold Urey of La Jolla.

Teller is succeeded by **Harold Brown**, at present Livermore's deputy director and a scientific adviser to the Air Force and to the Secretary of Defense.

N. Howell Furman and **Eugene Pacsu** of the department of chemistry at Princeton University retire as emeritus professors this month. Furman, Russell Wellman Moore professor since 1945 and former chairman of the department of chemistry, is a past president of the American Chemical Society and consultant to the Atomic Energy Commission. In 1937 he was named first recipient of the Fisher Award in Analytical Chemistry, the highest honor conferred in that field.

Pacsu, who joined the Princeton faculty in 1930, was named in 1947 one of the ten top-ranking men in the field of starch chemistry. Noted for his research in this field, he has been instrumental in making Princeton one of the few training centers in the country for graduate work in carbohydrate chemistry.

Sir **Roger Makins**, chairman of the United Kingdom Atomic Energy Authority, arrived in Washington on 21 May to confer with members of the Atomic Energy Commission, the Joint Congressional Committee on Atomic Energy, and other government officials, and to visit a number of atomic-energy facilities. Sir Roger is accompanied by Sir **William Penney**, member of the U.K. Atomic Energy Authority for Scientific Research.

An invitation to visit this country was extended to Sir Roger in January, shortly after he succeeded Lord Plowden as chairman of the U.K. Atomic Energy Authority. **John A. McCone**, chairman of the U.S. Atomic Energy Commission, has recently made two extensive tours of United Kingdom installations, and 2 weeks ago AEC commissioners **John F. Floberg** and **Robert E. Wilson** visited the United Kingdom laboratories at Harwell and Aldermaston.

Paul W. McDaniel has been appointed director of the Atomic Energy Commission's Division of Research, where he has served as acting director since last summer. As director of the division, McDaniel is responsible for guidance of the commission's programs of basic research in the physical sciences in the national laboratories and for administering research contracts in the physical sciences at many universities and colleges. McDaniel has had 16 years of continuous service with the federal government. His career in the atomic energy field began in 1941, when he joined the Manhattan Project at the University of Chicago Metallurgical Laboratory.

Paul A. Scherer is now on leave of absence from the Carnegie Institution of Washington in order to engage in work for the Research Corporation, New York, related to the colleges and universities of the southeastern United States. He has offices in the AAAS headquarters building.

Edward A. Ackerman, deputy executive officer at Carnegie since 1958, succeeds Scherer. Ackerman was formerly director of the water resources program for Resources for the Future, Inc.

Samuel J. Ajl, program director for metabolic biology at the National Science Foundation, who was formerly associated with the Walter Reed Army Institute of Research, has accepted the position of director of research at the Albert Einstein Medical Center in Philadelphia. Ajl will direct and coordinate the research activities of both the Northern and Southern divisions of the center. He will assume his duties on or about 1 September.

H. Edwin Umbarger, assistant professor of bacteriology and immunology at the Harvard Medical School, has been appointed senior staff investigator at the Long Island Biological Laboratory in Cold Spring Harbor, N.Y.

Frank J. Dixon, professor and chairman of the department of pathology, University of Pittsburgh School of Medicine, will become the first director of the new department of experimental pathology, Scripps Clinic and Research Foundation, La Jolla, Calif., on 1 July 1961.

Also moving to Scripps from the de-

partment of pathology at Pittsburgh are **Joseph D. Feldman**, professor of pathology; **Jacinto J. Vazquez**, associate professor of pathology; and **Gordon B. Pierce**, **William O. Weigle**, and **Charles G. Cochrane**. Dixon, his associates, and their staff will be the first occupants of the new Medical Research Institute of the Scripps Clinic and Research Foundation, which will be completed by July of 1961.

Jack L. Strominger, professor of pharmacology at Washington University (St. Louis) is the recipient of the 1960 John J. Abel Award of the American Society for Pharmacology and Experimental Therapeutics. The \$1000 award, which is sponsored by Eli Lilly and Company, was conferred at the annual dinner of the society, which was held in Chicago. Strominger was honored for his work on the mechanism of the action of antibiotics.

Recent Deaths

H. C. Brearley, Nashville, Tenn.; 66; professor, author, and former president of the Southern Sociological Society; wrote *Homicide in the U.S.*; 23 May.

Georges Claude, Paris; 89; inventor of the neon light and pioneer in industrial use of liquid air and of rare gases; 23 May.

Walter G. Elmer, Philadelphia; 88; professor emeritus of orthopedic surgery at the Graduate School of Medicine of the University of Pennsylvania and at the Woman's Medical College of Pennsylvania; 17 May.

Arthur B. Gahan, College Park, Md.; 79; U.S. Department of Agriculture entomologist who retired from the National Museum in 1950; an authority on chalcid flies; 23 May.

Antonie Pannekoek, Netherlands; 87; emeritus professor of astronomy, University of Amsterdam; specialist in study of galactic structure and the history of astronomy.

Pieter Johannes van Rhijn; Netherlands; 74; emeritus professor of astronomy and director, Kapteyn Astronomical Laboratory, University of Groningen; authority on stellar statistics; 9 May.

Erratum: In J. J. Spengler's article, "Population and world economic development" [*Science* 131, 1497 (20 May 1960)], the heading of the first column in Table 1 (p. 1499) should have read "Gross reproduction rate," not "Gross reproduction rate (%)."