

of books on mathematics, physics and chemistry, including works by the mathematicians A. M. Lyapunov and N. N. Luzin, Geophysicist P. P. Lazarev, Physicist Y. I. Frenkel, Organic Chemist A. N. Butlerov, and Radiochemist V. G. Khlopin.

"The computation mathematics series, recently organized by the Computation Centre of the Academy, will contain articles on methods of solving mathematical problems, estimates of errors of different methods and the solution of concrete mathematical problems.

"The biography of the great mathematician N. I. Lobachevsky, including 360 documents of archive materials unpublished previously, has been prepared by the Institute of History of Natural and Technical Sciences.

"Revised and supplemented editions of Academician A. F. Joffe's *Physics of Semi-Conductors* first issued in 1955, will be put out, as also L. I. Brekhovakikh's monograph of 'Waves in Layered Media.'

"To commemorate the Fiftieth Death Anniversary of I. D. Mendeleev, the great Russian chemist, the Academy has collected articles from Soviet scientists [to issue] . . . as 'Classics of Science,' and also has arranged publication of a book entitled *The Periodic Law*, describing Mendeleev's classical works on the subject.

"A volume of previously unpublished manuscripts of Charles Darwin and a monograph by Academician N. I. Vavilov on 'World Resources of Local and Selected Varieties of Cereals, Grains, Legumes and Flax and Their Use in Plant Breeding' will also be published.

"In addition, the publication of important books on the different branches of engineering, biochemistry, microbiology, soil sciences, zoology, physiology, botany, genetics and forestry is in the programme."

Scientists in the News

FARRINGTON DANIELS, chairman of the department of chemistry at the University of Wisconsin, has won the annual \$1000 James Flack Norris Award of the American Chemical Society's Northeastern Section for "excellence in the teaching of chemistry." He will receive the prize at a meeting of the Northeastern Section on 15 Nov.

JOSHUA R. C. BROWN, associate professor of zoology at the University of Maryland, has joined the staff of AAAS for the academic year 1957-58 as assistant director of the Science Teaching Improvement Program. Brown will give four-fifths of his time to the AAAS and one-fifth to Maryland, where he will continue his research in cytology and direct

the work of graduate students. During the summer he served as assistant director of the university's summer institute for science teachers that was sponsored by the National Science Foundation. Brown replaces I. E. WALLEN, who has joined the staff of the educational division of the Atomic Energy Commission.

I. MELVILLE STEIN, president of Leeds and Northrup Company, Philadelphia, Pa., has received an honorary degree of doctor of science from Rensselaer Polytechnic Institute.

HAROLD P. STEPHENSON, formerly professor of physics at Illinois Wesleyan University in Bloomington, has recently joined the staff of the Duke University College of Engineering as associate professor of mechanical engineering.

AKSEL A. BOTHNER-BY, a member of the chemistry faculty at Harvard University, has been appointed a staff fellow in fundamental research at the Mellon Institute, Pittsburgh, Pa.

ARTHUR A. FROST, a member of the Northwestern University chemistry faculty since 1936, has been named chairman of the chemistry department for the 1957-58 academic year. He succeeds ROBERT L. BURWELL, JR., who is retiring as chairman to devote more time to teaching and research.

MALCOLM C. MCGREGOR, an officer of the Australian National Standards Laboratory, is at present in Washington, D.C., as a consultant to assist the National Bureau of Standards in setting up a new type of capacitance bridge that he recently developed in Australia in collaboration with A. M. THOMPSON. The bridge is of the induction ratio arm type, and its use makes measurement of capacitance to the order of 1 micropicofarad possible. Details have not yet been published. McGregor expects to remain in the United States for about 6 months. He will be working in the Section of Electricity and Electronics at NBS.

R. W. BROWN, former director of the George Washington Carver Foundation, has been appointed to the newly created position of dean of research at Tuskegee Institute. He will have general responsibility for the organized research programs of both the Carver Foundation and the institute's department of social science research.

CLARENCE T. MASON, former director of research at the Carver Foundation, has been appointed director of the foundation and chairman of the Tuskegee Division of Natural Sciences. The division has been organized under the Col-

lege of Arts and Sciences to include the departments of chemistry, biology, physics, and mathematics.

CHARLES D. MARPLE, medical director of the American Heart Association since 1952, has been appointed medical director of the American Foundation for Allergic Diseases, New York. He will administer the research and scientific program of the foundation, as developed by its Scientific and Educational Council, and will be responsible for developing an educational program for both physicians and laymen concerned with the causes, treatment, and prevention of allergic diseases, and with related basic sciences.

CARROLL E. PALMER, research worker for the U.S. Public Health Service, has won the Weber-Parkes Prize of the Royal College of Physicians, London. He is to receive the award, a silver medal and \$441 in cash, for his work in tuberculosis immunization with BCG.

D. J. STRUIK, professor of mathematics at Massachusetts Institute of Technology, has been nominated to an Extraordinary Professorship at the National University of Mexico, Mexico, D.F. He also has been elected an honorary member of the Mexican Mathematical Society.

HAROLD L. STEWART, chief of the Pathological Anatomy Branch, Clinical Center, National Institutes of Health, Washington, D.C., and chief of pathology for the National Cancer Institute, has received the Ward Burdick Award, which is given annually for outstanding service in the field of pathology. The presentation was made during the joint annual meeting of the American Society of Clinical Pathologists and the College of American Pathologists that took place recently in New Orleans, La.

WILLIAM F. MARLOW, formerly a radiochemist for the U.S. Army Engineers Research and Development Laboratories, Fort Belvoir, Va., has joined the radioactivity section of the National Bureau of Standards. He will investigate the chemical principles involved in the preparation of radioactivity standards; these are used for calibration of equipment for radiation measurement in scientific, medical, and industrial laboratories throughout the country.

MARY E. RAWLES has joined the staff of the department of embryology of the Carnegie Institution of Washington, Baltimore, Md., where she will not only continue her studies of development in birds and mammals, but will also assume new responsibilities as the curator of the Carnegie Embryological Collection.

Throughout her scientific career, Rawles has been closely associated with B. H. Willier, for the past 17 years in the department of biology at Johns Hopkins University.

RICHARD K. WINSLOW, for the past 3 years science editor of *Newsweek* magazine, has been named science editor of Doubleday & Company, Inc., book publishers.

JOSEPHINE M. MITCHELL, a research mathematician at the Westinghouse Research Laboratory, has been appointed associate professor of mathematics at the University of Pittsburgh. Also at Pittsburgh, ARNOLD H. BUSS, formerly chief psychologist for the Carter Memorial Hospital in Indianapolis, Ind., has been named associate professor in the department of psychology.

FRANS VERDOORN, managing editor of the *Chronica Botanica* Company and secretary of the International Biohistorical Commission of Waltham, Mass., has been appointed director of the new Biohistorical Institute of the University of Utrecht, Netherlands. This institute, now being set up in conjunction with Professor Lanjouw's Botanical Museum and Herbarium, will concern itself with the cultural, historical, and other humanistic and related aspects of the pure and applied life sciences, with some special reference to the plant sciences. It will be located in a building at 187 Nieuwe Gracht, bordering on the Utrecht Hortus Botanicus.

The publication program of the *Chronica Botanica* Company (with the exception of certain biohistorical publications to be issued in the Netherlands) is being taken over by the Ronald Press Company of New York City. Verdoorn will act as consulting editor, while JOHN A. BEHNKE, science editor and vice president of Ronald Press, will develop a "*Chronica Botanica*" division that will publish forthcoming volumes of *Chronica Botanica* and related serials.

JOHN C. CROWELL has been appointed chairman of the department of geology at the University of California, Los Angeles, to succeed WILLIAM C. PUTNAM, who will have completed a term of service of more than 7 years in the rotating departmental chairmanship.

Emeritus titles have been conferred on the following members of the science faculty at the University of Michigan: GEORGE M. BLEEKMAN, assistant professor emeritus of geodesy and surveying; CARL J. COE, assistant professor emeritus of mathematics; ROBERT C. COLE, professor emeritus of engineering drawing; LEE R. DICE, professor emeritus of zoology; KASIMIR

FAJANS, professor emeritus of chemistry; HOLGER M. HANSEN, professor emeritus of engineering drawing; JAMES H. HODGES, associate professor emeritus of chemistry; REUBEN L. KAHN, professor emeritus of serology of syphilis and chief emeritus of the serology laboratory and of the serologic consultation service; JAMES A. NYSWANDER, associate professor emeritus of mathematics; MARTIN J. ORBECK, professor emeritus of engineering drawing; EARL C. O'ROKE, professor emeritus of forest zoology; EDWARD YOUNG, professor emeritus of geodesy and surveying.

GILBERT J. DALLDORF, director of the Division of Laboratories and Research, New York State Department of Health, has been appointed associate medical director of the National Foundation for Infantile Paralysis, effective 1 Jan. 1958. Long a leader in virus research, Dalldorf is known particularly as having been director, in 1947, of the project which first isolated the Coxsackie viruses, named for the New York State community in which they were first found. Some of these viruses cause symptoms similar to those of nonparalytic poliomyelitis; others have been found to be agents responsible for a number of cases of myocarditis in children.

C. JELLEFF CARR, formerly professor of pharmacology at Purdue University, has joined the Psychopharmacology Service Center of the National Institute of Mental Health as senior research pharmacologist.

ARTHUR B. LEWIS, chairman of the department of physics and astronomy at the University of Mississippi, has been named dean of the university's College of Liberal Arts.

Ramo-Wooldridge Corporation, Los Angeles, Calif., has announced the election of three new vice presidents: RUBEN F. METTLER, associate director of the company's Guided Missile Research Division; BURTON F. MILLER, director of the Communications Division; and MILTON E. MOHR, group director of the Control Systems and Boston Divisions.

Brigadier General JACQUARD H. ROTHSCCHILD retired from the military service on 30 Sept. At the time of his retirement he was commanding general of the Army Chemical Corps Research and Development Command, with headquarters in Washington, D.C. Rothschild graduated from the United States Military Academy in 1930 and has served with the Army continuously since then. He also is a graduate of Massachusetts Institute of Technology with a master of science degree in chemical engineering

practice. Rothschild will spend several months traveling abroad before settling in Boulder, Colo.

Recent Deaths

ERNST ARTSCHWAGER, senior pathologist of the Agricultural Research Service, U.S. Department of Agriculture, who had been conducting research at the New Mexico Agricultural Experimental Station for the past 25 years; 12 June.

BLASIUS BART, Chatham, N.J.; 74; electrochemist; held more than 30 patents in electrochemistry; founder and former head of the Bart Laboratories in Belleville, N.J.; 3 Oct.

LOUIS BONVICINO, Brooklyn, N.Y.; 68; retired neuropsychiatrist who taught neurology at several New York area medical schools; had been chief of neurological services at the former Italian Hospital and at the International Medical Center; 2 Oct.

JOHN W. BRANSON, president of New Mexico College of Agriculture and Mechanic Arts who had been successively head of the department of mathematics and dean of the college; 29 Sept.

JACOB W. FRANK, Drexel Hill, Pa.; 84; early leader in the x-ray field; one of the first to experiment with the use of intensifying screens in x-rays; first professor of radiology at Hahnemann Medical College and formerly head of its radiology department; 3 Oct.

JEKUTHIEL GINSBURG, New York, N.Y.; 68; professor of mathematics and director of the Institute of Mathematics at Yeshiva University; founder and editor of the university's journal, *Scripta Mathematica*; coauthor of *History of Mathematics in America* and author of *Number and Numerals*; 7 Oct.

ELIZABETH I. PARSONS, Atlanta, Ga.; 63; bacteriologist in charge, General Diagnostic Bacteriology Unit, Communicable Disease Center, U.S. Public Health Service, Chamblee, Ga.; former director of the State Hygienic Laboratory at Charleston, W.Va.; 6 Aug.

ROBERT L. PENDLETON, Baltimore, Md.; 67; Isaiah Bowman School of Geography, Johns Hopkins University; well known for his research on laterite and lateritic soils and for his many contributions both on land use in the tropics and in geography; 23 June.

EUGENE T. SCUDDER, East Orange, N.J.; chemical engineer for the Tung-Sol Electric Company, Bloomfield, N.J.; former Republican member of the State Assembly; partner in the Johnson and Scudder Chemical Laboratory, Hanover, N.J.; 3 Oct.

WILLIAM F. SUDRO, Neenah, Wis.; 72; retired dean of the School of Pharmacy at North Dakota State College; member of the North Dakota faculty for 48 years; 30 Sept.