

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.