

that poliomyelitis could be blocked by antibodies in the blood before it reached the central nervous system; JOHN F. ENDERS of the Children's Medical Center, Boston, who won the Nobel Prize for discovering a method for growing poliovirus in non-nervous tissue.

DALE E. OYSTER, formerly deputy for requirements, Headquarters United States Air Force, has joined the staff of the Rand Corporation, Santa Monica, Calif., as assistant to the chief of the engineering division.

GIULIO NATTA, professor in the Polytechnic Institute of Milan, Italy, has been elected a fellow of the New York Academy of Sciences in recognition of his discoveries in polymer chemistry. He has developed a process for the first commercial production of a new type of polypropylene plastics. The academy will install professor Natta when he visits this country in April to speak before the American Chemical Society's national meeting in San Francisco, Calif.

GLEN A. RICHARDSON, who joined the engineering faculty of the Worcester Polytechnic Institute the first of the year, will become head of the department on 1 July. Previously he was associate professor of electrical engineering at Iowa State College. Richardson succeeds THEODORE H. MORGAN, department head since 1931, who will continue in his post as professor of electrical engineering.

The six members of the new Board of Scientific Counselors of the National Institute of Neurological Diseases and Blindness include: RAYMOND D. ADAMS, chief of neurological services at the Massachusetts General Hospital, Boston, Mass.; HOWARD J. CURTIS, chairman, Biological Division, Brookhaven National Laboratory, Upton, N.Y.; A. EARL WALKER, professor of neurosurgery, Johns Hopkins University; ROGER J. ROSSITER, head of the department of biochemistry, University of Western Ontario, London, Canada; ALGERNON B. REESE, clinical professor of ophthalmology, College of Physicians and Surgeons, Columbia University; and HALLOWELL DAVIS, director of research at the Central Institute for the Deaf, St. Louis, Mo., chairman.

HANS WAINE has been named associate professor of medicine at the Tufts University School of Medicine. He holds appointments as medical director, New England Arthritis and Rheumatism Foundation and as chief of staff, Boston Dispensary, Boston, Mass.

Borden awards of a gold medal and \$1000 have been presented to one Canadian and seven American scientists for their outstanding research achievements during 1957. The awards are administered by professional and scientific associations. The 1957 winners are: STUART PATTON, associate professor of dairy science, Pennsylvania State University, the American Chemical Society award for research in the chemistry of flavor compounds in milk and dairy products; J. THOMAS REID, professor of animal husbandry, Cornell University, the American Dairy Science Association award for numerous researches relating to dairy cattle nutrition; N. P. TARASUK, professor of dairy industry and dairy chemist, University of California, the American Dairy Science Association award for studies that have established the multiplicity of the lipase systems in milk; MARY L. DODDS, professor of foods and nutrition, Pennsylvania State University, the American Home Economics Association award for research contributions in the field of nutrition and experimental foods; MURRAY L. BARR, professor and head of the department of microscopic anatomy, University of Western Ontario, the Association of American Medical Colleges award for research in neurohistology and cytology, and for the discovery of the "sex chromatin"; ARIL E. HANSEN, professor and chairman of the department of pediatrics, University of Texas Medical Branch, the American Academy of Pediatrics award for research on the role of essential fatty acids in the infant's diet; B. R. BURMES-TER, senior biologist, U.S. Regional Poultry Research Laboratory, East Lansing, Michigan, the Poultry Science Association award for work on avian lymphomatosis; S. H. McNUTT, professor of veterinary science, University of Wisconsin, the American Veterinary Medical Association award for research in dairy cattle disease control, with particular reference to brucellosis.

In the past year the Kaiser Foundation, Oakland, Calif., has formally established as its Laboratory of Comparative Physiology and Morphology a research group that it had supported informally for some years as a guest entity on the Berkeley campus of the University of California. The laboratory, which will be established in permanent quarters outside the university within the next year, has a program of research in fundamental biology, especially in the comparative nutrition of lower Metazoa and comparative biochemistry of Protista. The senior research staff consists of: ELLSWORTH C. DOUGHERTY, director; MARY BELLE ALLEN, associate director; BENJAMIN G. CHIT-

WOOD, research scientist; EDER LINDSAY HANSEN, associate research scientist; and WARWICK L. NICHOLAS, visiting associate research scientist (on leave from the University of Liverpool, England). Several University of California staff members serve in a consultant capacity.

R. OMAR RILETT, associate professor of biology, has resumed his duties at the University of Buffalo after visiting the Department of Industrial and Scientific Research in Slough, England, where he was investigating the biology of insects that attack stored products. While overseas, he was elected a fellow of the Royal Entomological Society.

FERDINAND E. OKADA, cultural anthropologist and teacher with the department of public instruction at the American Museum of Natural History, New York, has left for a year's research in Nepal, where he will conduct investigations in the general area of social organization among some of ten or twelve former tribes.

TORBJOERN CASPERSSON, professor of medical cell research and genetics and director of the Nobel Institute's Institute for Cell Research, Stockholm, Sweden, delivered the 22nd Adam M. Miller Lecture at the State University of New York Downstate Medical Center on 5 March. He spoke on "Cytochemical Techniques for Tumor Cell Population Studies."

## Recent Deaths

DANIEL BLOCK, Bronx, N.Y.; 32; assistant professor of mathematics at Yeshiva University; 28 Feb.

EILHARD VON DOMARUS, New York, N.Y.; 64; supervising psychiatrist at the Postgraduate Center for Psychotherapy, New York; author of *Language and Thought in Schizophrenia*; 25 Feb.

LEROY A. HALBERT, Chevy Chase, Md.; 82; pioneer social worker; author of *Urban Society*, used as a text in many colleges, and *What is Professional Social Work?*; Congregationalist minister; 3 Mar.

ANDRE L. JORISSEN, Ithaca, N.Y.; 45; head of the hydraulics and hydraulic engineering department at Cornell University; 28 Feb.

JAMES R. WEBSTER, Chicago, Ill.; 51; president of the Academy of Dermatology and professor of dermatology at the Northwestern University Medical School; 28 Feb.

IRA WILLIAMS, Delray, Fla.; 77; before he retired in 1946, a mathematics master at the Lawrenceville (N.J.) School for 28 years; 3 Mar.