

National Printing Ink Research Institute at Lehigh University, has received the Mattiello Award of the Federation of Paint and Varnish Production Clubs, the highest award conferred by the paint industry.

BERNARD I. SPINRAD, associate director of the Reactor Engineering Division at Argonne National Laboratory, has succeeded the late Arthur H. Barnes as director of the division. Spinrad received his doctor's degree in physical chemistry from Yale University in 1945 at the age of 21.

JOHN McK. MITCHELL, dean of the School of Medicine at the University of Pennsylvania since 1948, has been appointed presiding dean of the university's two medical schools. Mitchell will coordinate the programs of the School of Medicine, which he continues to serve as administrative head, and the Graduate School of Medicine, of which George B. Koelle is dean. In addition, Mitchell will be executive officer for the newly created Joint Medical Council. The council, with I. S. Ravdin as chairman, will advise Mitchell on educational policy and procedures and will help to integrate more closely the work of the university's medical schools and hospitals.

DAVID GOULD, senior research chemist at Schering Corporation, Bloomfield, N.J., has been appointed to the newly created position of administrator, extramural scientific research.

WERNHER VON BRAUN, head of a research group at Redstone Arsenal, Huntsville, Ala., and former rocket specialist for Nazi Germany, has received the Army's Exceptional Civilian Service Award for his part in creation of the Jupiter, an intermediate-range ballistic missile.

LOWELL J. REED, president emeritus of Johns Hopkins University, has received the Sedgwick Memorial Medal of the American Public Health Association "for distinguished service in public health." Reed retired from Johns Hopkins last year after serving on the faculty since the establishment of the School of Hygiene and Public Health in 1918.

JOHN E. BLAIR, bacteriologist at the Hospital for Joint Diseases, New York City, has received the 1957 Kimble Methodology Research Award, one of the nation's outstanding honors in the field of public health. Blair was the first in this country to adopt the British technique known as bacteriophage typing and develop it for use in American laboratories. He became the principal source

of supply in the United States for the pure strains of bacteriophage now being used for typing in laboratories throughout the nation. His laboratory at the Hospital for Joint Diseases has been designated as the nation's central reference laboratory for this work.

By using Blair's adaptation of bacteriophage typing, investigators can, for example, determine exactly who, or what, is responsible for an outbreak of food poisoning. By typing the precise strain of staphylococcus causing the trouble, it is possible to break through the large number of other strains that are often present and trace the staphylococcus back to its source, often a human carrier. Bacteriophage typing can also tell a physician whether or not the staphylococcus causing a disease or a wound infection is one of those strains which are frequently resistant to some kinds of antibiotic drugs.

HANS E. HOLIMANN, former German scientist and now a consultant physicist in Los Angeles, Calif., has received the honorary degree of doctor of engineering from the Technical University of Dresden, Germany.

The following emeriti professors have begun a year of teaching in independent, liberal arts colleges under the Whitney Visiting Professors Program.

M. C. ELMER, professor of sociology, University of Pittsburgh, Pittsburgh, Pa., at Western College for Women, Oxford, Ohio.

HORNELL HART, professor of sociology, Duke University, Durham, N.C., at Centre College of Kentucky, Danville.

WILLIAM E. SHIDELER, Miami University, Oxford, Ohio, at Hiram College, Hiram, Ohio.

ORRIN H. SMITH, professor of physics, DePauw University, Greencastle, Ind., at Kalamazoo College, Kalamazoo, Mich.

HARVEY STORK, professor of botany, Carleton College, Northfield, Minn., at Tougaloo Southern Christian College, Tougaloo, Miss.

The Whitney Visiting Professors Program was established in 1952 to serve a twofold purpose: (i) to honor individuals who have not only distinguished themselves by a lifetime of classroom teaching but who have also retained the physical and mental vigor to continue their important contribution to American youth, and (ii) to strengthen teaching in independent, liberal arts colleges throughout the country.

M. G. CANDAU, director-general of the World Health Organization, has accepted the offer made last spring by the 10th World Health Assembly to renew his contract to head WHO for a second

term. Candau has asked that the renewal be made for 2 years, starting 21 July 1958, when his present term of office expires.

JOHN D. ROBERTS, professor of organic chemistry at California Institute of Technology, delivered the 13th annual Harrison Howe Lecture, which is sponsored by the Rochester Section of the American Chemical Society.

Recent Deaths

MIGUEL A. CATALAN; Madrid, Spain; 63; professor of atomic structure at Madrid University; in 1921 discovered the methods of multiplets used universally in nuclear research ever since; 11 November.

JOHN J. GILBERT, Rye, N.H.; 70; ocean cable engineer with the Simplex Wire Cable Company at Newington, N.H.; retired in 1954 from the Bell Laboratories of the American Telephone and Telegraph Company, where he helped to develop the Key West-Havana telephone cable; held 50 patents relating to cable technology; 11 November.

ROBERT T. KNAPP, Los Angeles, Cal.; 58; professor of hydraulic engineering at California Institute of Technology; 7 November.

ARNO B. LUCKHARDT, Chicago, Ill.; 72; distinguished service professor emeritus of physiology at the University of Chicago; discovered the anesthetic properties of ethylene gas in 1923; 7 November.

GEORGE W. MERCK, West Orange, N.J.; 63; chairman of Merck & Co., Inc.; during World War II a special consultant on biological warfare to the Secretary of War and in 1944 became chairman of United States Biological Warfare Committee; 10 November.

HENRY MOUQUIN, Sparkill, N.Y.; 60; former associate professor of chemistry at New York University; 13 November.

GILBERT RATHMAN, Union, N.J.; 68; mechanical engineer and inventor; consultant to Roots-Connersville Blower, division of Dresser Industries, Inc., which developed his patented blower; 12 November.

JOSEPH A. STEPHAN, Cincinnati, Ohio; 77; general superintendent of the Cincinnati zoo from 1937 to 1949; past-president of the American Association of Zoological Parks; 6 November.

HENRY A. STRAUS, Lexington, Mass.; 43; physicist at the Lincoln Laboratory of Massachusetts Institute of Technology; formerly principal engineer for the Bendix Radio Corp.; made important contributions to mass spectroscopy and development of fire-control radar; 21 September.