

for representatives of the companies, sends faculty members to visit company laboratories, and supplies the companies with progress reports on the institute's research programs. It also provides them with prepublication abstracts of articles for technical journals, abstracts of theses, annual reports from the technical divisions of the institute, and advance notice of all general and technical meetings on campus. In addition, research people from the affiliated companies are welcomed to the campus for individual study programs.

SYDNEY GELTMAN, a theoretical physicist who has been associated with the Johns Hopkins University Applied Physics Laboratory, has joined the staff of the Atomic and Radiation Physics Division of the National Bureau of Standards, Washington, D.C. He will deal with theoretical aspects of the bureau's experiments in such areas as the photo-detachment of electrons from negative ions and the mobility of positive ions in gases. He will also conduct independent theoretical investigations into fundamental atomic processes, for example, those that occur in gaseous discharges or upper atmospheric phenomena.

The John Jay Hopkins Laboratory for Pure and Applied Science of General Dynamics Corporation's General Atomic Division, San Diego, Calif., has announced the following new appointments: two mechanical engineers, HEINZ POPPENDIEK of Oak Ridge National Laboratory and DAVID NICOLL of Argonne National Laboratory; two nuclear physicists, JOHN R. BEYSTER of the Los Alamos Scientific Laboratory and ROBERT B. MINOGUE of the Reactor Development Division of the U.S. Atomic Energy Commission and the Nuclear Propulsion Divisions of the U.S. Navy's Bureau of Ships; and a health physicist, WILLIAM RAY, for the past year a radiological health training officer at the U.S. Public Health Service's Robert A. Taft Sanitary Engineering Center in Cincinnati, Ohio.

JOHN CHIPMAN, professor and head of the department of metallurgy at Massachusetts Institute of Technology, is giving the annual Priestley lectures at the Pennsylvania State University. This is the 31st year of the lectures, which are sponsored by Mu Chapter of Phi Lambda Upsilon, honorary chemistry fraternity, as a memorial to Joseph Priestley. This year's series of five lectures will be given on succeeding days, commencing 1 Apr., on the general topic "Chemistry in the metallurgy of iron and steel." As in the past, the lectures will be published and sold by Phi Lambda Upsilon to help defray expenses.

ROBERT W. CAIRNS, director of Research for the Hercules Powder Company, has been appointed chairman of the Advisory Panel on General Sciences of the Office of the Assistant Secretary of Defense for Research and Development. The general sciences panel was established "to insure that the nation's best scientific and technical talents are applied to the planning and prosecution of the military research and development programs on general sciences."

Members of the panel consist of the nation's top civilian scientists and experts, most of them in universities and colleges and some with industry. The responsibility of the panel will be the development of technical advice and guidance on the basic research programs of the Department of Defense in the geophysical, physical, engineering, and biological sciences.

With this appointment, Cairns also becomes a member of the Defense Science Board, a group of 25 leading scientists and engineers representing various technical areas and organizations, such as the National Academy of Sciences and the National Advisory Committee for Aeronautics. The board was set up by the Assistant Secretary of Defense as a result of a recommendation of the Hoover Commission on Organization of the Executive Branch of the Government. Its task is to delineate scientific opportunities which hold promise of radically outdating present-day concepts of warfare and to advise on the effectiveness of research and development in providing new weapons systems.

JOHN M. WEST, former associate director of the Reactor Engineering Division of Argonne National Laboratory and project manager of the laboratory's recently dedicated 5000-kilowatt nuclear power plant, has been appointed vice president of the General Nuclear Engineering Corporation, Dunedin, Fla. The corporation was formed in 1956 for the purpose of providing engineering services in connection with the design, construction, and operation of nuclear reactors for use in electric generating stations, medical centers, educational institutions, and research laboratories. Walter H. Zinn, former director of Argonne National Laboratory, is president of the firm.

ROBERT ANNAN, internationally known mining engineer and chairman of the Consolidated Gold Fields of South Africa, Ltd., of England, has been named 1957 recipient of the Eggleston medal, Columbia University's highest award for distinguished engineering achievement. The medal will be awarded to Annan at a dinner at the Columbia University Club in New York on 9 May.

PIERRE MOREL has been named scientific attaché for the Cultural Services Division (New York) of the French Embassy. He succeeds ANDRÉ GAUVENET. Morel's principal research has been in the field of solid-state physics and semiconductors.

JOHN L. HOLLAND, formerly chief of the Vocational Counseling Service and staff clinical psychologist at the Veterans Administration Hospital, Perry Point, Md., has been appointed director of research for the National Merit Scholarship Corporation, Evanston, Ill.

HARRY WILLIAMSON, formerly assistant to the director of the Division of Applied Biology, National Research Council of Canada, has been named scientific liaison officer in Washington, D.C. for the Canadian NRC. In cooperation with the Department of External Affairs, he will act as scientific attaché at the embassy.

Recent Deaths

CHARLES S. GLEIM, Wilton, N.H.; 69; consulting engineer for the Port of New York Authority; 10 Mar.

GUNTER H. GLOSS, Mundelein, Ill.; 45; supervisor of inorganic chemical research for International Minerals and Chemical Corporation; 24 Feb.

WALTER E. HADLEY, Hancock, N.H.; 76; charter member and first national secretary of the American Association of Textile Chemists and Colorists; 7 Mar.

BRADLEY JONES, Cincinnati, Ohio; 68; head of the department of aeronautical engineering at the University of Cincinnati who established the cooperative program in aeronautical engineering at the university; 8 Mar.

ALBERT KUNTZ, Saint Louis, Mo.; 77; director of the department of anatomy at Saint Louis University School of Medicine; 19 Jan.

ROBERT L. LUND, St. Louis, Mo.; 81; former president of the St. Louis College of Pharmacy; 9 Mar.

NICHOLAS E. OGLESBY, Troy, N.Y.; 64; chemist and director of patents and licenses for the Behr Manning Company; 8 Mar.

DOUGLAS J. ROBERTS, Vernon, Conn.; 64; president elect of the American Radium Society; 12 Mar.

JOHN B. SUTTON, Shreveport, La.; 38; former member of the faculty at the University of Alabama Medical School; 8 Mar.

Erratum: The chairman of this year's Gordon Research Conference on Lipide Metabolism at Kimball Union Academy is Cecil Entenman, not Warren M. Sperry as stated in the issue of 1 March, p. 408.