

PHYSICISTS

theoretical physicist

Ph.D. to conduct theoretical research in the behavior of gases and/or solids at extremely high temperatures; to consider radiation transport, absorption and emission of radiation in simple gases at both molecular and atomic frequencies.



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Hughes Aircraft Company, Culver City, Calif., has announced the creation of a new Department of Nuclear Electronics. Under the leadership of John W. Clark, the group will work with systems designers and manufacturers of components to measure the effects of radiation on electronic materials and circuitry and to improve their performance under nuclear radiation conditions. The department will specialize in radiation physics, dosimetry, development of reliable techniques for radiation experiments, and design of radiation testing facilities. Other staff members include Joseph H. Beno (assistant head of the department), Herbert L. Wiser, Michael D. Petroff, and Don A. Campbell.

A new survey of American industry's programs of scientific and engineering research and development has been launched by the US Department of Labor. The Department's Bureau of Labor Statistics, which conducted a similar survey for 1953-54, will carry out the current study for the National Science Foundation in order to provide up-to-date information on research personnel and spending for research in all industries. The Research Committee of the National Association of Manufacturers, the Industrial Research Institute, and other industry representatives have cooperated in planning the survey.

Societies

Officers to serve during the present year have been elected by the following organizations:

Optical Society of America, Southern California Section: president, Albert A. Shurkus (Applied Research Laboratories); vice president, Williard T. Perkins (Beckman Instruments, Inc.); secretary, Vern E. Hamilton (Douglas Aircraft Co., Inc., 827 Lapham St., El Segundo, Calif.); treasurer, Henry Mazy (Altadena, Calif.); program chairman, James L. Jones (Applied Research Laboratories, 3717 Park Place, Glendale 8, Calif.).

Electron Microscope Society of America: president, John H. L. Watson (Edsel B. Ford Institute for Medical Research); president-elect, Max Swerdlow (Air Force Office of Scientific Research); secretary, D. Maxwell Teague (Chrysler Corp., P. O. Box 1118, Detroit 31, Mich.); treasurer, Charles F. Tufts (Sylvania Electric Products).

Sigma Pi Sigma: president, Vincent E. Parker (Louisiana State University); vice president, Stanley S. Ballard (Scripps Institution of Oceanography); executive secretary, Marsh W. White (Pennsylvania State University, University Park, Pa.); other members of executive council, M. H. Trytten (National Research Council), Frederic A. Scott (El Segundo, Calif.), Harold P. Knauss (University of Connecticut), and Donald H. Loughridge (General Motors Technical Center).

Federation of American Scientists: chairman, Paul M. Doty (Harvard University); vice chairman, Hans A. Bethe (Cornell University); secretary, Paul F. Zweifel (Knolls Atomic Power Laboratory, Schenectady, N. Y.); treasurer, Christian B. Anfinsen (National Heart Institute); other executive committeemen, M. Stanley Livingston (Massachusetts Institute of Technology), Charles C. Price (University of Pennsylvania), and Daniel Steinberg (National Heart Institute).