



**Lewis M. Branscomb** has been appointed chief of the atomic physics section at the National Bureau of Standards. **John L. Dalke** has been appointed chief of the high frequency impedance standards section at the Bureau's Boulder Laboratories.

**William Fuller Brown, Jr.**, formerly of Sun Oil Company, has joined the staff of the Central Research Laboratory of the Minnesota Mining and Manufacturing Company.

**Richard L. Caldwell** has been promoted to research associate at Magnolia Petroleum Company's field research laboratories in Dallas. He is in charge of the nuclear physics group of the exploration research division.

**Karl P. Cohen**, former vice president of the Walter Kidde Nuclear Laboratories, Inc., has been named a consulting engineer in the General Electric Company's atomic power equipment department, at Schenectady. Other new GE staff members include: **Lawrence Harris** and **Philip N. Hess**, electron tube section; **Peter Wargo**, electron physics department.

**Ray L. Edwards**, Oersted Medalist, is retiring as head of the physics department at Miami University, Oxford, Ohio. He will be succeeded by **George Arfken, Jr.** **David F. Griffing** has been appointed assistant professor.

**Paul Erlandson**, former physics department chairman at Southwest Research Institute, has been named director of the department of physics of Continental Can Company's new central research and engineering division.

**Albert W. Friend**, technical consultant of Bala-Cynwyd, Pa., received the Second Annual National Electronics Conference Award in Chicago last October.

**Peter Gianino** has joined the electronics department of the Waltham Laboratories of Sylvania Electric Products.

**Ralph E. Gibson**, director of the Applied Physics Laboratory of the Johns Hopkins University, has been elected president of the Cosmos Club and has been installed as president of the Washington Academy of Sciences. **E. Arthur Bonney**, also of APL, has received the Academy's Engineering Science Award.

The following have joined the research staff of the Navy Department's Operations Evaluation Group in Washington, D. C.: **Herbert Glazer**, **Alfred J. Hartzler**, **Laurence B. Heilprin**, and **Leon S. Pocinski**.

**Alan M. Glover** has been named general manager of the Radio Corporation of America's new semiconductor division, which is to be housed in facilities now under construction in Somerville, N. J.

**Dwight E. Gray**, formerly with the Library of Congress, is now program director for government research information in the National Science Foundation's office of scientific information.

**Newton B. Green** and **William T. Roach**, general manager and general management consultant, respectively, of Eastman Kodak Company's apparatus and optical division, have been elected vice presidents of the company.

**George L. Guthrie** and **James E. Zimmerman**, formerly of Carnegie Institute of Technology, have joined the staff of the physics department of Ford Motor Company's Scientific Laboratory, Dearborn, Mich.

**Paul F. Haughton** and **John A. Ward, Jr.** have joined the staff of the Y-12 Plant at Oak Ridge National Laboratory.

**Richard F. Humphreys** has been advanced to the newly created position of assistant director for technical development at Armour Research Foundation of Illinois Institute of Technology. **Leonard Reiffel** has been promoted to manager and **James J. Brophy** has been promoted to assistant manager of Armour's physics research department. **Harold C. Miller** has been named manager of magnetic recording research.

**Isao Imai**, University of Tokyo professor of physics, is visiting professor at the University of Maryland's Institute of Fluid Dynamics and Applied Dynamics.

The following physicists at the Naval Ordnance Laboratory, Silver Spring, Maryland, have received the Navy's Meritorious Civilian Service Award: **Henry R. Irons**, **Thomas P. Liddiard**, **Jim B. McQuitty**, **Wilford E. Morris**, **John C. Munson**, and **Roald K. Wangsness**.

**Arthur R. Kantrowitz**, on leave of absence from Cornell University, has been named vice president of Avco Manufacturing Corporation and director of the Avco Research Laboratory at Everett, Mass.

**Thomas S. Keenan**, formerly of Purdue University, has been named administrator of the University of Rochester's new Computing Center.

**Mervin J. Kelly**, president of Bell Telephone Laboratories, has been elected a Foreign Member of the Swedish Royal Academy of Sciences, which awards the Nobel prizes in chemistry and physics. While in Sweden to accept the honor, Dr. Kelly addressed the Academy on the subject of recent advances in solid-state physics and their expected influences on telecommunication technology. He also spoke before the Swedish Society of Electrical Engineers on "Transoceanic Telephony".

**James M. Lafferty** has been appointed manager of the physical studies section at the General Electric Research Laboratory in Schenectady; prior to his appointment, the acting manager was **Malcolm Hebb**, manager of the general physics research department of which the physical studies section is a part.

**Edwin H. Land**, president of the Polaroid Corporation, is the first Fellow to be appointed to the new School for Advanced Study at Massachusetts Institute of Technology.

**Hugh C. Longuet-Higgins** of the University of Cambridge, England has been named **Arthur D. Little** Visiting Professor of Chemistry at the Massachusetts Institute of Technology for the current semester. **Philipp G. Frank**, retired lecturer on physics and mathematics at Harvard University, has joined MIT's faculty as visiting professor in the School of Humanities and Social Studies.

**Walter A. MacNair**, vice president in charge of research at the Sandia Corporation for the past four years, has been named vice president in charge of switching and transmission development at Bell Telephone Laboratories. He was previously associated with Bell Labs from 1929 to 1952.

**H. W. Melville** has been appointed secretary of the British Department of Scientific and Industrial Research, replacing **Sir Ben Lockspeiser**, who has retired.

**Harry F. Olson** was awarded the John Scott Award of the City of Philadelphia for his invention of the velocity microphone. The presentation was made at a dinner meeting of the Engineers' Club of Philadelphia on January 17th.

**Tyler G. Pett**, formerly head of the Bausch & Lomb Optical Company's Glass Physics Section, has joined the technical staff at Kopp Glass, Inc., in Pittsburgh.

**Samuel J. Raff** has been appointed chief of the new nuclear physics branch of the electricity and magnetism research division of the Naval Ordnance Laboratory.

**Charles W. Ricker** has been promoted to head the nucleonics section in the research and development department of Leeds & Northrup Company in Philadelphia.

**T. E. Roberts, Jr.**, has been named technical director at the Raleigh Engineering Laboratories of the American Machine & Foundry Company.

**Daniel S. Schwartz**, former research physicist with the Cornell Aeronautical Laboratory, has joined the engineering staff of Glenco Corporation, Metuchen, N. J.

**Shirleigh Silverman**, on leave of absence from the Applied Physics Laboratory, Johns Hopkins University, has accepted the position of director, Physical Sciences Division, Office of Naval Research. **Marshall C. Yovits**, formerly of the Applied Physics Laboratory, has joined ONR's Electronics Branch.

**G. B. B. M. Sutherland**, professor of physics and director of the Biophysics Research Center at the University of Michigan, will return to England in September as director of the National Physical Laboratory at Teddington, succeeding **E. C. Bullard**, who is now at Cambridge University. **R. L. Smith-Rose** is serving as acting NPL director.

**H. C. van de Hulst**, professor of theoretical astronomy at the University of Leiden, has been awarded the Henry Draper Medal of the National Academy of Sciences for "noteworthy contributions to the field of radioastronomy", with particular reference to his prediction that neutral hydrogen in interstellar space should emit radiation of 21 cm in wavelength. The medal was established in 1883 in honor of Henry Draper to recognize significant contributions to astronomical physics.

**V. F. Weisskopf**, of Massachusetts Institute of Technology, will lecture on nuclear structure during the spring term as Morris Loeb Lecturer at Harvard University.

**Frits Zernike**, professor of physics at the University of Groningen, Netherlands, and 1953 winner of the Nobel Prize in physics, has been elected an honorary member of the Optical Society of America.

**Walter H. Zinn**, director of Argonne National Laboratory since 1946, has announced his resignation, effective June 30th.

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