

Daniel and Florence Guggenheim Foundation. Since 1948 thirty-seven fellows have been appointed under the program.

The **Speer Carbon Company** has established a fellowship in carbon research at the University of Buffalo for a candidate for the PhD degree in physics. The fellowship carries a stipend of \$2400 plus tuition, with additional allowances for dependants. Applications for 1953-54 should be directed to the Chairman of the Department of Physics, University of Buffalo, Buffalo, N. Y.

### Industry

An agreement has been concluded between the AEC and the Pioneer Service and Engineering Company of Chicago and the Foster Wheeler Corporation of New York for a study to determine the feasibility of the design, construction and operation of a nuclear reactor by these companies in the next few years. This study is to be financed by the companies, who will have access to the pertinent AEC files and facilities. Their report, due next year, will make recommendations on such a reactor project and the place of industry in carrying it out. This is the fifth such industrial study to be authorized by AEC, the others being conducted by the Dow Chemical Company and the Detroit Edison Company, the Commonwealth Edison Company and the Public Service Company of Northern Illinois, the Monsanto Chemical Company and the Union Electric Company, and the Pacific Gas and Electric Company and the Bechtel Corporation.

The formation of an independent industrial research laboratory, Cambridge Applied Research, Inc., has recently been announced. Specific information on the facilities and special fields of interest of Cambridge Applied Research may be obtained by writing them at 60 White Street, Belmont 79, Massachusetts.

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**Ronald W. Gurney**, most recently Visiting Research Professor at the University of Maryland's Institute of Fluid Dynamics and Applied Mathematics, died of a cerebral hemorrhage on April 14th at his home in New York City. He was fifty-four years old. A native of England, he was educated at Cambridge and did his earliest research under Lord Rutherford. His first important work, done at Princeton in collaboration with E. U. Condon, was the theory of the radioactive decay of the nucleus, which was also developed independently by Gamow. The Gurney-Mott theory of the photographic process is another significant advance associated with his name. The author of four books, in addition to numerous papers and articles, he had just completed final work on the proofs of a new book, *Ionic Processes in Solution*, before his death. For several years he had suffered from severe hypertension, which ultimately compelled him last year to give up regular university work and to become a consultant to various laboratories on solid state physics.



**Lester Banks**, formerly with the U. S. Air Force, has joined the Radar Laboratory of Hughes Research and Development Laboratories, Culver City, California. **Austin Madeson**, formerly with the U. S. Navy Underwater Sound Laboratory, has joined the Hughes Field Engineering Department; **Duane Roller**, on leave of absence from Wabash College, is serving as assistant director of the Laboratories; and **Lester C. Van Atta**, formerly with the Radar Laboratory, has been made head of the newly created Microwave Laboratory.

**George L. Bonvallet**, associate physicist at Armour Research Foundation, was recently elected president of the Chicago Acoustic and Audio Group, an organization concerned with the scientific and engineering aspects of sound.

**Detlev W. Bronk**, president of The Johns Hopkins University and of the National Academy of Sciences, has been honored with election to the Academy of Sciences of the Institute of France for his work in the field of biophysics and his leadership in the development of many phases of science. Dr. Bronk is also a member of the Royal Society of England.

The Armour Research Foundation of Illinois Institute of Technology has announced the promotion of **James J. Brophy** to supervisor of the physics of solids section and the appointment of **Bernd Ross**, formerly director of research at Radiation Counter Laboratories, Inc., Chicago, as an associate physicist.

The Argonne National Laboratory has announced the following appointments to its Physics Division: **Harvey Casson**, **Charles M. Huddleston**, **Robert H. McDowell**, **William A. Reardon**, and **Joseph A. Thie**, newly appointed to the Reactor Engineering Division.

**Allen S. Dunbar** has joined the Dalmo Victor Company as assistant director of research following three years with the Stanford Research Institute as senior research engineer.

**Eugene Feenberg**, professor of physics at Washington University in St. Louis, will serve as a visiting professor this summer at Stanford University, where he will give a seminar on models for nuclear structure. The Stanford Department of Physics has also announced the promotion of **Edwin T. Jaynes** from instructor to acting assistant professor of physics and the appointment of **Jack J. Kraushaar** of Brookhaven National Laboratory as instructor of physics, both effective September 1.

**Richard G. Hager**, formerly with Northrup Aircraft, Inc., is now on the staff of Midwest Research Institute in Kansas City, Missouri.

**Bernhard Haurwitz**, chairman and professor of the Department of Meteorology and Oceanography at New York University, has been named a member of the Committee on Geophysics and Geography of the Department of Defense Research and Development Board. Other new members of the Board are **Allen E. Puckett** and **James C. Starks**. Dr. Starks, on leave from the Sandia Corp., was named executive director of the Committee on Atomic Energy; Dr. Puckett, head of the Aerodynamics Section of the Hughes Aircraft Co., is on the Committee on Guided Missiles.

**David L. Hill**, professor of physics at Vanderbilt University, has been elected chairman of the Federation of American Scientists for 1953-54. **E. U. Condon**, director of research at Corning Glass, was elected vice-chairman, and the following scientists were chosen as representatives of the members-at-large: **J. Bregman**, **C. D. Coryell**, **L. H. Donnell**, **E. C. Kemble**, **M. S. Livingston**, **P. Morrison**, **J. B. Phelps**, **R. L. Platzman**, **V. F. Weisskopf**, **A. S. Wightman**, **H. C. Wolfe**.

**Lawrence A. Hyland**, general manager of the Bendix Aviation Corporation's laboratories, has been elected vice president in charge of engineering at Bendix. For his early contributions to the development of radar Hyland received the Navy's Distinguished Public Service Award in 1950. He has been with the Corporation since 1937.

**Alexandre Koyre**, science historian at the Sorbonne in Paris, will serve as visiting professor at the University of Wisconsin during the first semester of 1953-54.

The Society of Exploration Geophysicists has announced the election of the following officers: **Roy L. Lay**, president; **Karl Dyk**, vice-president; **Bart W. Sorge**, secretary-treasurer; and **Milton B. Dobrin**, editor.

**B. D. McDaniel**, associate professor of physics at Cornell University, has taken up duties as a visiting Fulbright Fellow in the Department of Nuclear Physics at the Australian National University. He will carry out experiments with the 1.25 Mev Cockcroft-Walton equipment in collaboration with **E. W. Titterton**, professor of physics at the University, with whom he worked at Los Alamos during the war.

**James H. Schulman** has been named head of the Chemistry Branch of the Metallurgy Division of the Naval Research Laboratory. **Clifford C. Klick** is the new head of the Luminescent Section of that Branch.

**Edward Teller**, professor of physics at the University of Chicago, has been appointed professor of physics at the University of California, effective July 1, 1953. On leave of absence, Dr. Teller is working in the Radiation Laboratory of the University of California and will continue this work part-time.

To be published in June 1953:

## The Physics of Viruses

By ERNEST C. POLLARD, Yale University

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By S. C. CURRAN, F. R. S., Glasgow University

viii, 219 pages, illustrated, \$5.30

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**ACADEMIC PRESS INC.**

125 EAST 23 STREET

NEW YORK 10, N. Y.