

Carnegie-Mellon Merit Award to Julius Halpern

Julius Halpern, physics professor at the University of Pennsylvania, has received the Merit Award from Carnegie-Mellon University. The award cites him for "his extensive and fruitful experimental investigations aimed at providing an understanding of the atomic nucleus, and his studies of the production and decay mechanisms of newly discovered sub-nuclear particles."

Before joining the University of Pennsylvania in 1947, Halpern was with the Massachusetts Institute of Technology. His undergraduate and graduate education were at Carnegie-Mellon, where he received his PhD in 1938.

AIP gives Compton Gold Medal to Frederick Seitz

Frederick Seitz, president of Rockefeller University and former president of the National Academy of Sciences, has received the Karl Taylor Compton Gold Medal, the highest award given by the American Institute of Physics.

Seitz is the fifth person to receive the award, which is named for the late president of the Massachusetts Institute of Technology. It was presented during the annual meeting of the AIP society officers and corporate associates, and it honored Seitz for "distinguished statesmanship in science." The citation

recognized him for "his outstanding service to physics and to science as a pioneering researcher, noted educator, able administrator and effective government adviser."

The award, which consists of a gold medal, a citation and \$1000, was established during Seitz's tenure as chairman of the AIP governing board from 1954 to 1959; he is now a member of the board.

Herzberg first Canadian to receive Faraday Medal

Gerhard Herzberg, with the National Research Council of Canada, is the first Canadian to become the Faraday Medalist and Lecturer of the Chemical Society of London.

He received the award, which was founded in 1867, during the fall meeting of the society; the award is usually given every three years. Herzberg, who is a pioneer in molecular spectroscopy, retired from the council last year. Before his retirement he was named distinguished research scientist so that he could continue his research.

Franklin Institute Honors Panofsky, Heidenreich, Hirsch

During its October meeting the Franklin Institute awarded its Franklin Medal to Wolfgang K. H. Panofsky and its Francis J. Clamer Medal to Robert D. Heidenreich and Peter B. Hirsch.

Panofsky was honored for his contributions to the Stanford Linear Accelerator. He was one of the original group of scientists who conceived the accelerator and is its director, a position he has held since 1961. He joined Stanford as a professor in 1951 and in 1953 became director of its high-energy physics laboratory. Panofsky was also, during the second world war, project director for the office of scientific research and development.

Heidenreich, of Bell Telephone Laboratories, and Hirsch, of the University of Oxford, were each given the award for their work in transmission electron microscopy. Heidenreich, during the 1940's, showed the experimental feasi-

bility of unraveling the nature of metallic crystals and of studying their behavior. He was the first to demonstrate, by using thin-film transmission with the electron microscope, that it was possible to see and photograph the microstructure of crystals. Hirsch continued Heidenreich's work and developed an x-ray microbeam technique that provided some of the first observations of mosaic structure. Later he pioneered and helped develop the thin-film transmission technique and, recently, the scanning electron microscope.

John E. Mock, director of the Georgia Science and Technology Commission, was elected chairman of the National Governors' Council on Science and Technology.

The Atomic Energy Commission has reappointed **Nunzio J. Palladino** of Pennsylvania State University to its advisory committee on reactor safeguards. He had resigned from the committee last year.

John Hubbard of the Atomic Energy Research Establishment at Harwell, UK, is currently a visiting professor at Brown University.

Itek Corp named **Walter R. Hedrick** as a corporate vice-president. He had recently retired from the US Air Force where he was in charge of its space research and development programs.

Alan C. Greene, formerly of Rensselaer Polytechnic Institute, and **Robert F. Tinker**, a recent graduate from MIT, have joined the Commission on College Physics as staff physicists.

Brown F. Williams has been promoted to manager of the RCA Electro-Optics Laboratory at the David Samoff Research Center.

Recently promoted at the University of Texas, Austin, are **C. Fred Moore** to professor; **Peter R. Antoniewicz**, **Patrick Richard** and **Lawrence C. Shepley** to associate professor, and **Manfred Fink**, **Roger Bengston** and **Richard A. Matzner** to assistant professor. New appointments in the department are **Robert**



Frederick Seitz (left) receives Karl Taylor Compton Gold Medal from Ralph Sawyer, chairman of the governing board of the American Institute of Physics.