

matics, University of Leeds, England; **Peter Hammerling**, physics research associate, Brandeis University; **Hans Kleinpopp**, the institute of physics, University of Tuebingen, Germany; **Earle E. Muschlitz Jr.**, professor of chemistry, University of Florida, Gainesville; **K. Y. Shen**, assistant professor of physics, California State College at Long Beach; **Eleanore Trefftz**, the institute for astrophysics, Max-Planck Institute for Physics and Astrophysics, Munich.

American Chemical Society Awards Gerhart Friedlander

The American Chemical Society awarded Gerhart Friedlander of Brookhaven National Laboratory with \$1000 for nuclear applications in chemistry. The award, sponsored by Nuclear-Chicago Corporation, is in recognition of Friedlander's research in experimental and theoretical studies of the interactions between complex nuclei and high-energy bombarding particles such as protons from the

BNL alternating gradient synchrotron and the cosmotron prior to its shutdown on 31 December 1966. His work led to the discovery of five radioactive nuclides.

American Crystallographic Society Elects Abrahams

The American Crystallographic Association completed the selection of its 1967 officers. Sidney C. Abrahams, Bell Telephone Laboratories, Murray Hill, N.J., is the society's vice president for 1967. He will succeed automatically to the presidency in 1968. Abrahams holds PhD and DSc degrees from the University of Glasgow and has been a member of the Bell Labs staff since 1957.

John S. Kasper, physical chemist at the research development center, General Electric Company, Schenectady, N.Y., is the society's president. Treasurer of the society is Robinson D. Burbank, who was elected to a three-year term in 1965. Burbank is also on the Bell Labs staff. William L. Kehl, elected secretary in 1964, will continue to serve in that office until 1969.

He is currently employed with Gulf Research and Development Company, Pittsburgh.

Nuclear Scientists Receive Lawrence Memorial Award

The Atomic Energy Commission announced that five scientists have been chosen to receive the Ernest Orlando Lawrence Memorial Award for 1967. The winners were presented with a \$5000 cash award and a gold medal and citation. The award is made each year to citizens of the US "who have made recent, especially meritorious contributions to the development, use or control of atomic energy in areas of all sciences related to atomic energy, including medicine and engineering." The recipients are Mortimer M. Elkind (National Institutes of Health), Allan F. Henry (Bettis Atomic Power Laboratory, Westinghouse), Robert N. Thorn (Los Alamos Scientific Laboratory), John O. Rasmussen (Lawrence Radiation Laboratory and University of California) and John M. Googin (Union Carbide Nuclear Division, Oak Ridge).

Frederic Palmer Jr Dies, Was Haverford Professor

On 19 April, Frederic Palmer Jr, professor emeritus and dean of Haverford College, died in Bryn Mawr Hospital at the age of 88. Palmer received a BA from Harvard University in 1900 and a PhD in 1913. He taught at

retirement in 1945 he was a physicist until 1949 for the Franklin Institute.

Past president and one of the founders of the American Association of Physics Teachers, Palmer was also a fellow of the American Physical Society, past president of the Physics Club of Philadelphia, a life member of the American Association for the Advancement of Science and president of the Wellfleet Historical Society.

Jules P. Russell Was a Dean at Brooklyn Polytech

Jules P. Russell, associate dean of the Brooklyn Polytechnic Institute Long Island graduate center at Farmingdale, died of a heart ailment on 15 April. He had been associate dean of the Long Island center since 1965. A mathematics professor and authority on differential equations and mathematical physics, Russell was the school's representative in working for the development of oceanography on Long Island and administered a \$3 300 000 National Science Foundation grant for developing an advanced pro-

gram in electronics and physics at the center. He was also a textbook consultant for Prentice-Hall Inc.

Lloyd F. Ryan Dies, Was At IIT Research Institute

Lloyd F. Ryan died on 22 Feb of a heart attack. He was assistant to the director of the Illinois Institute of Technology Research Institute and director of Transition, Inc. He was also a member of the board of International Electro-Magnetics Inc. Ryan received a BS in physics from Reed College in 1933. He was manager of sales engineering and in charge of the development of motion picture equipment for specialized purposes at Bell and Howell until 1941, when he joined the Air Force. In 1951 he received a PhD in aerodynamics from the Eidgenossischen Technischen Hochschule in Zurich, where he studied under Jakob Ackeret. In 1956, after attaining the rank of colonel in the Air Force, he was a business development consultant for General Electric until joining ITT in 1965. □



PALMER

Harvard, the Asheville (N.C.) School and Worcester Academy in Massachusetts. Joining the Haverford faculty in 1904 as an instructor, he became an associate professor and dean in 1908 and a full professor in 1916. After his