

OPTICAL ENGINEER WANTED

Optical engineering or physics degree preferred, age between 25-30. Will work in our R & D division as an engineer-consultant in the broad field of optical development—with emphasis on the design and development of scanning, photographic and visual devices. Yours must be a record of ingenuity and inventiveness in these areas.

Benefits include good starting salary, excellent fringe coverage, and informal working conditions.

Send your resume in confidence to Mr. Joseph Skelly, Technical Recruiter, Research and Development Division, Allen B. Du Mont Laboratories, 35 Market Street, East Paterson, New Jersey.

New Jersey Phone: MULberry 4-7400
Ext. 0434

CHALLENGING OPPORTUNITIES IN RESEARCH

APPLIED PHYSICISTS

Design of transducers, fundamental problems in underwater acoustics involving transmission, attenuation, reflection. Problems in sound control and noise reduction. Acoustical aspects of systems research

THE PENNSYLVANIA STATE UNIVERSITY ORDNANCE RESEARCH LABORATORY University Park, Pennsylvania

- Opportunities for Graduate Study
- Faculty Appointments for Qualified Applicants
- Excellent Working and Living Conditions
- Liberal Employee Benefit Programs

SEND RESUME TO:
ARNOLD ADDISON,
PERSONNEL DIRECTOR

Massachusetts Institute of Technology during the period 1936-39, Dr. Rayton joined the Dartmouth physics staff, attaining a full professorship in 1947.

During World War II, Dr. Rayton was involved in sound propagation research and he collaborated in the development of equipment used in the Navy's underwater sound program. At the time of his death he was project director for an ionospheric research program at Dartmouth in connection with the International Geophysical Year. The project, financed by a National Academy of Sciences grant, was designed to study ionospheric radio-wave absorption in the polar regions and Dr. Rayton was in charge of stations at Knob Lake, Quebec, and Hanover.

Dr. Rayton was a member of the American Physical Society.

Fred M. Uber, a physicist at the US Navy Electronics Laboratory, San Diego, Calif., died on December 13 from injuries suffered in an automobile accident. His age was 52. Born in Locust Lane, Pa., Dr. Uber received his AB degree from Dickinson College in 1926 and his MA from Syracuse University in 1928. He then went to the University of California as a Whiting Fellow and received his PhD in physics in 1931. After five years devoted to research in biophysics at the University of California, he joined the University of Missouri faculty in 1936 as an assistant professor of biophysics. He joined the Navy Electronics Laboratory as a physicist in 1944, but left San Diego two years later to accept a full professorship at Iowa State College. In 1948 he returned to the Navy Electronics Laboratory, where he remained until his death. Dr. Uber was a member of the American Physical Society and the Acoustical Society of America.

Willis R. Whitney, founder of the General Electric Research Laboratory, died on January 9 in Schenectady, N. Y., after suffering a heart attack a week earlier. He was 89 years old. Born in Jamestown, N. Y., Dr. Whitney was graduated from the Massachusetts Institute of Technology in 1890 and received his PhD from the University of Leipzig, Germany, in 1896. In 1908, after having served as assistant and associate professor of theoretical chemistry at MIT for 8 years, he was named nonresident professor of chemical research, a title which he still held at the time of his death.

In 1900, Dr. Whitney joined GE to work with Charles Steinmetz and from that year until 1932 he became the founder and active director of the GE Research Laboratory. During the last four years of this period he also served as vice president in charge of research for the company. In 1932 he retired from the directorship of the laboratory and, in 1941, from the vice presidency. Since that time he had continued research in the capacity of honorary vice president and consultant to the laboratory.

Dr. Whitney held many awards and honorary degrees of international origin. He was a member of the American Physical Society.