

Heinrich B. Helmbold FREE



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search associate at the California Institute of Technology (1971-72), he made significant contributions to nuclear many-body theory.

Fiset was an avid outdoorsman and an enthusiastic mountaineer. In 1972 he left the world of physics, and he and his wife established a primitive-style farm on the Olympic Peninsula of Washington State. He died near his cabin.

LAWRENCE WILETS
*Department of Physics
University of Washington*

Frank D. Enck

Frank D. Enck, professor of physics and, since 1961, chairman of the physics department at Franklin and Marshall College, died on 16 December at the age of 47.

After graduating from Franklin and Marshall College, Enck pursued graduate studies at the University of Maryland, completing his PhD in 1957. Except for the 1966-67 academic year, during which his time was divided between work with Clayton A. Swenson's group at Iowa State University and Jorgen L. Olsen's group at the Eidgenössische Technische Hochschule in Zurich, Enck spent his entire professional career at Franklin and Marshall.

Although Enck considered himself primarily a teacher, he was active in several areas of research, especially low-temperature thermal properties of superconductors.

LEONARD V. CHERRY
*Department of Physics
Franklin and Marshall College*

Heinrich B. Helmbold

Heinrich B. Helmbold, the man responsible for the aerodynamic design of the HE-178, the first jet airplane ever to fly, died on 22 December.

Born in Eisenach, Germany, in 1899, Helmbold was a student at the Humanistisches Gymnasium, the same high school Martin Luther attended several hundred years before. After studying engineering and technical physics at Hanover and the University of Göttingen, he became chief of the theoretical aerodynamical and jet-airplane research department at the Ernest Heinkel Airplane Manufacturing Co. It was here that he worked on the HE-178.

Helmbold came to the US in 1951 to work in the engineering research department at the University of Wichita. He remained there until 1956, when he joined the Fairchild Airplane Division in Hagerstown, Maryland. In 1964 he

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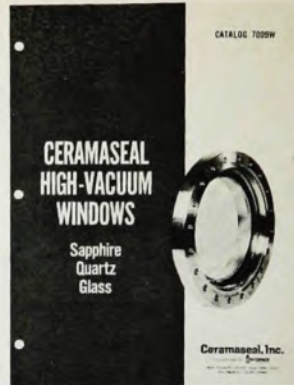
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obituaries

became a consultant to the airplane division of the Boeing Co, finally retiring in 1964.

Gerald W. Fox

Gerald W. Fox, long-time head of the department of physics at Iowa State University at Ames, died after a long illness in a nursing home in Oregon at the age of 73.

Fox received his PhD from the University of Michigan and taught there for three years before coming to Iowa State in 1930. There he became especially active in research on conduction of electricity through gases and piezoelectric effects in quartz. He received leave of absence during World War II to go to the MIT Radiation Laboratory to join in the radar research there. At the close of the war he served as scientific adviser in Japan on the staff of General Douglas MacArthur. During



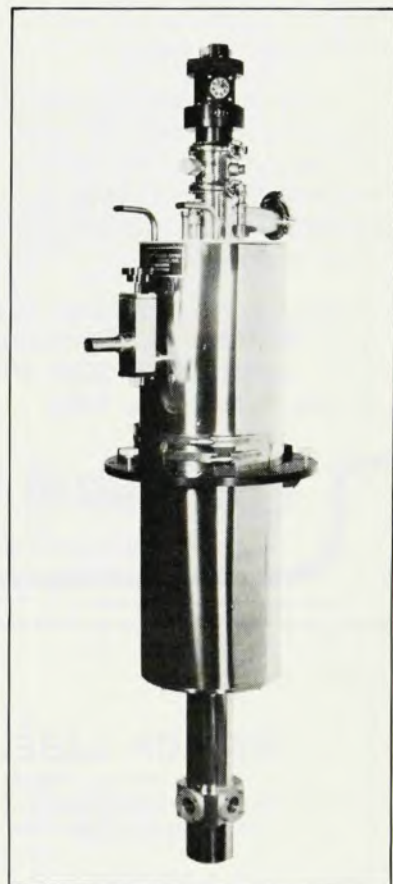
FOX

the postwar years he was a member of a civilian Operations Analysis group with the US Air Force, and he spent portions of several summers on active assignments with the North American Defense Command in Colorado during the 1950's.

Soon after the war he returned to Iowa State to become head of the physics department. Because of illness he relinquished his duties as department head in 1961, and in 1966 retired to his seaside home in Yachats, Oregon. He lived there until continuing illness caused a shift to a nearby nursing home several years before his death on 12 January.

PERCY H. CARR
LESTER T. EARLS
Department of Physics
Iowa State University □

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