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1989-08

## Resume of Donald L. Walters, 1989-08

Walters, Donald L.

Monterey, California: Naval Postgraduate School

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## RESUME OF DONALD L. WALTERS

Donald L. Walters was born in Great Bend, Kansas in 1944 and majored in physics at Kansas State University in Manhattan, Kansas, where he received his Bachelor's Degree in physics in 1966. He continued his graduate work at Kansas State University and was awarded the Ph.D. degree in physics in 1971. His dissertation research involved the computer modeling of the electron and photon ejection process when vacancies occur in the inner electron shells of an atom.



After completing his doctoral work, he served for two years as an officer in the US Army Signal Corps assigned to the General's staff of the Field Artillery School, Fort Sill, Oklahoma. There he was engaged in the conceptual design and development of electro-optical, night vision, and laser equipment for the Field Artillery.

In the spring of 1974 he joined the US Army Atmospheric Sciences Laboratory at White Sands Missile Range, New Mexico, where he was a principal investigator developing remote atmospheric sensors and was in charge of a 2 km optical test range.

In 1976 he started a group that was responsible for obtaining atmospheric propagation measurements for high energy laser systems. As a result of these efforts, the Atmospheric Sciences Laboratory was designated the lead laboratory for high energy laser atmospheric characterization measurements by OUSDRE in 1979.

In October 1982, he joined a private company that was engaged in high energy laser propagation measurements and analysis.

He joined the Physics Department of the US Naval Postgraduate School in May 1983 as an associate professor and is engaged in atmospheric propagation phenomena and electro-optics.

Professor Walters is a member of the American Physical Society, the Optical Society of America, the Society of Sigma Xi, the mathematics honorary Pi Mu Epsilon, and the Phi Kappa Phi honorary society.