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## Resume of Gordon Everett Schacher, 1990-12

Schacher, Gordon Everett

Monterey, California: Naval Postgraduate School

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## RESUME OF GORDON EVERETT SCHACHER

Gordon E. Schacher was born in Portland, Oregon, in 1935. He attended Reed College in Portland, majoring in physics, and received the degree of Bachelor of Arts in June, 1956.

Graduate work was done in the Physics Department at Rutgers University, New Brunswick, New Jersey, where he received the Ph.D. degree in January, 1962. Research was performed under the direction of Professor Henry C. Torrey. The general area of research was investigation of properties of solids by magnetic resonance techniques.

He was an IBM research fellow in 1959-60 and during the 1960-61 school year was employed as an Instructor of Physics by Rutgers University.



In November, 1961, he joined the Solid State Science Division of Argonne National Laboratory as a research associate. At Argonne Laboratory magnetic resonance research was continued; in addition, theoretical studies of the internal fields in rigid lattices were performed.

He joined the faculty of the Department of Physics at the Naval Postgraduate School, Monterey, California, in July 1964. Research programs on the behavior of ferroelectric materials and the dielectric and magnetic properties of solids were carried out.

He changed fields to atmospheric physics in 1970, working on the electrical dissipation of warm fog. In 1972 he was a cofounder of the NPS Environmental Physics Group. Since that time he has performed experimental and modeling work on properties of the marine atmospheric boundary layer, including radar propagation, satellite remote sensing, air-sea interaction, optical propagation, and flow and diffusion in complex terrain.

In 1983 he was appointed Chairman of the Physics Department, Dean of Science and Engineering in 1987, and Dean of Faculty and Graduate Studies in 1990. In 1981 he was coreceiver of the Mennekin Research Award. He is a member of Sigma Xi, the American Physical Society, the American Association of Physics Teachers, the American Meteorological Society, and the American Geophysical Union.