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## Resume of Oscar Biblarz, 1981

Biblarz, Oscar

Monterey, California: Naval Postgraduate School

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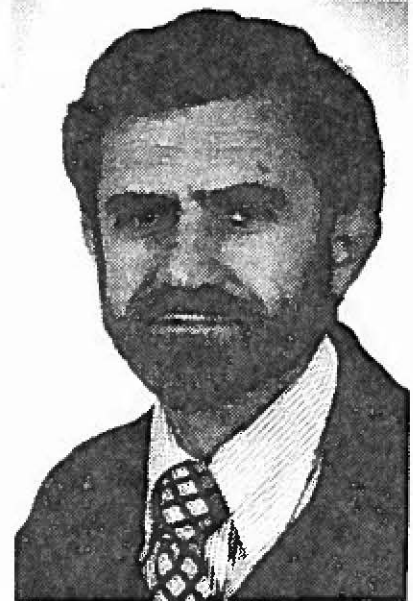
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## RESUME OF OSCAR BIBLARZ

Oscar Biblarz was born in Bogota, Colombia, South America, in 1938. He attended the University of California at Los Angeles where he earned the degrees of Bachelor of Science in 1959 and Master of Science in Engineering in 1963. Thereafter, he began doctoral work at Stanford University where he was awarded the Doctor of Philosophy degree in Mechanical Engineering in 1968.

Employment in the aerospace industry followed the bachelor degree. First at Garrett/AiResearch Manufacturing Company, from 1959 to 1961. There he did work in direct energy conversion devices. This was continued by employment at Hughes Aircraft Company from 1961 to 1963. There he did work related to propulsion and power for space systems. With the aid of a Hughes Master Fellowship, he finished the Master degree during this time. At Stanford, he was a research assistant in the High Temperature Gas Dynamics Laboratory. Also at Stanford, he was granted a Ford Foundation Plasma Fellowship for one year.



In January of 1968, he joined the faculty of the Naval Post-graduate School, Monterey, California in the Aeronautics Department. He was promoted to Associate Professor of Aeronautics in 1973. During the academic year 1976-77, he was a Visiting Professor at the Technion, in Haifa, Israel, under a Lady Davis Fellowship. His research work is both analytical and experimental; he has authored educational handouts in a self-study format. His current research interests are in lasers, plasma flow devices, and magneto/electrohydrodynamics. He has over 15 publications in these fields, one patent granted, and several patent disclosures pending.

He is a member of the American Society for Engineering Education, American Physical Society, IEEE-Nuclear and Plasma Science Society, and of Sigma Xi.