

Noranda Award

Ashok K. Vijh, FCIC, FRIC, program leader and Fellow (Maître-de-recherche), Institut de Recherche de l'Hydro-Québec (IREQ), Varennes, P. Q. is the recipient of the Noranda Lecture Award for 1979.

This annual award, sponsored by Noranda Mines Ltd., includes a scroll and an honorarium of \$1 000. It is awarded to a scientist living in Canada who has made a distinguished contribution in physical chemistry while working in this country. The award is for scientists who have not reached age 40 by the time of their nomination, the nomination being valid for three consecutive years.

The cornerstone of Dr. Vijh's prolific research achievements in electrochemistry is his contribution to electrochemical surface science in which he has combined the concepts of solid state science with the principles of fundamental electrochemistry to evolve unique and original interpretations of a large variety of basic problems in electrochemistry and surface science. This multidisciplinary development of an important area of electrochemical research that lies at the cross-roads of electrochemistry, solid state physics, theoretical electrostatics, chemical kinetics, and metallurgy has provided an intellectual framework for the understanding of a large number of important research problems in the general area of electrochemical surface science.

Dr. Vijh is the author of over 115 scientific papers, is editor or co-editor of several books, and wrote the internationally-acclaimed monograph entitled *The Electrochemistry of Metals and Semiconductors*. The large volume of fundamental work published by Dr. Vijh forms an important basis for the current and future technological advances in many diverse areas, e.g., fuel cells, industrial electrolyses, batteries, corrosion, surface finishing of metals, extractive metallurgy, and arc electrode phenomena.

Ashok Vijh was born in India in 1938. After graduating from Panjab University (BSc, MSc), he came to Canada and entered the University of Ottawa receiving his PhD in electrochemistry in 1966. After three years in industry in the United States, Dr. Vijh joined the staff of IREQ. From 1970 to 1978, he was also a visiting professor and a thesis director, INRS-Energie, Université du Québec.

Dr. Vijh's research in electrochemistry has been recognized by the grant in 1973 of the Lash Miller Award of the Electrochemical Society (Ontario-Québec section). He is a Fellow of the Chemical Institute of Canada and of the Royal Institute of Chemistry. He is a member of the National Research Council (Ottawa) Associate Committee on Energy Conversion and Storage.