

Two Recent Honors Go to Jamal Deen

In fall 2014, The Academy of Science of the Royal Society of Canada (RSC) elected as its president Jamal Deen, a professor and the Canada Research Chair in Information Technology in the Faculty of Engineering at McMaster University, Hamilton, Ontario, Canada. Prof. Deen has been an ECS member since 1993 and was inducted as an ECS fellow in 2004. He assumed the office of President during the Annual General Meeting of the RSC on the weekend of November 20-23, 2014, at Fairmont Le Château Frontenac in Quebec City. Founded in 1882 under an Act of Parliament, the RSC comprises the Academies of Arts, Humanities, and Sciences of Canada. Its mission is to recognize scholarly, research and artistic excellence, to advise governments and organizations, and to promote a culture of knowledge and innovation in Canada and with other national academies around the world.

Prof. Deen has been also elected as a member of the esteemed European Academy of Sciences and Arts (EASA). On March 7th, 2015 he was introduced with 120 new members at the EASA plenary meeting in Salzburg. Based in Salzburg, the Academy brings together more than 1,500 scholars, including 29 Nobel laureates, from around the globe focusing on scientific, social, cultural, and ethical issues. The EASA's seven branches include humanities, medicine, arts, natural sciences, social sciences/law and economics, technical and environmental sciences, and world religions.

Prof. Deen has published extensively in the areas of micro and nanoelectronics and optoelectronics, work which includes the study of how devices transmit, detect, store and control electrical and optical signals. Wireless technologies, medical diagnostic systems, electronic cameras and optical fiber communications are examples of systems using devices based on the nano and optoelectronic principles. His discoveries, in which physics-based modeling is combined with sophisticated experiments, further the fundamentals of the physics of semiconductor devices.

Prof. Deen was born in Georgetown, Guyana, South America. He completed a BSc degree in physics and mathematics at the University of Guyana (1978), a MS degree (1982) and a PhD degree (1985) in electrical engineering and applied physics at Case Western Reserve University, Cleveland, Ohio, USA. He started his professional academic career in 1985 at Lehigh University, Bethlehem, PA, USA, continued at Simon Fraser University, Vancouver, BC, Canada 1986-2002, and then at McMaster University since 1999.



JAMAL DEEN (right) at the EASA Plenary Meeting in Salzburg with SIEGFRIED SELBERHERR (left) of Technical University of Vienna (principal nominator of Prof Deen) and FELIZ UNGER (center), President of EASA.

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In Memoriam

Herbert P. Silverman (1924-2015)

HERBERT P. SILVERMAN, ECS Emeritus Member and a member since 1959, passed away on February 22, 2015 at the age of 90.

A graduate from Stanford University, Herb Silverman had a long and fruitful association with electroanalytical chemistry and electroanalytical chemists. He was a member of a group of electrochemists from California who gathered to meet and discuss electrochemistry just prior to going to ECS or ACS meetings. Eventually this privately arranged activity became the starting point to establish the Gordon Research Conference on Electrochemistry, which arguably might have been the cradle of camaraderie among electrochemists. A full account of the history of Gordon Conferences on Electrochemistry can be found in "Historical Perspectives on the Evolution of Electrochemical Tools," J. Leddy, V. Birss, and P. Vanýsek (Editors), *The Electrochemical Society Proceedings*, PV 2002-29.

Silverman was a Manager of Energy Systems at TRW Inc. from 1960 to 1975, he was vice-president of research at YSI, Inc, and Director of R&D at TheraSense. Silverman had been a consultant for Broadley-James Corporation for the past twenty-five years and more recently he was a consultant for ACS Career Services, using his life experience to guide new scientists in finding jobs. ■

Robert J. Staniewicz (1945 - 2014)



ROBERT J. STANIEWICZ

ROBERT J. STANIEWICZ, of Cockeysville, Maryland, an ECS member since 1977, passed away on November 21, 2014. He was a long-time employee of Saft America. Thomas J. Alcide President/CEO of Saft provided the following tribute.

"Robert Staniewicz, affectionately known at Saft and in the battery community as "Dr. Bob" began his career with Saft in 1982 and established himself as the expert in primary lithium technology. His

scientific achievements in electrochemical advancement were instrumental in helping Saft become a market leader, especially in the space industry. He wore many hats throughout his career at Saft, most recently serving as the Senior Scientific Advisor.

Dr. Bob was more than a man, he was a presence. He made an impact on anyone he encountered, whether it was impressing fellow scientists with his knowledge of electrochemistry, joking around with a co-worker, or helping anyone in need, both at work and in the community. Dr. Bob did not sit in an ivory tower; he made friends with everyone around him. He was strong in his convictions and was well known for arguing with his colleagues, but it was his generosity and caring nature that endeared him to anyone who knew him. He was equal parts fierce and tenacious, but fun-loving; resolute, but kind and gentle; self-assured yet humble. He had a style and personality that was uniquely Dr. Bob and if you ever met him, you would not soon forget him." ■



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