

Biography

Steve W. Martin received his Ph.D. in Physical Chemistry from Purdue University in 1986 after serving as a Sohio Graduate Research Fellow and winning both an NSF Graduate Student International Travel Award and the Department of Chemistry's Outstanding Teaching Assistant Award from Purdue. From Purdue, he directly joined the faculty of Materials Science & Engineering in 1986 and was promoted to Associate Professor in 1991 and Full Professor in 1996. He has since been promoted to the ranks of University Professor in 2006 and to the rank of Anson Marston Distinguished Professor in Engineering in 2009. He is one of only two professors in the 155 year history of Iowa State to be awarded both of these highest professorial distinctions. He has been awarded outstanding teaching, research, and service awards in the Department of Materials Science, being the only faculty in the university to win all three such awards. He has won the George W. Morey Award in Glass Science from the Glass and Optical Materials Division of the American Ceramic Society, where he is also a named Fellow of the society. He has been a visiting professor on eight different occasions at universities around the world with a highlight of these being named as the 2006 Chalmers University 150th Celebration Jubilee Professor of Applied Physics. His core research specialization is the preparation, characterization and study of ionically conducting glasses. His broader research interests include glass and amorphous materials, solid electrolytes for batteries and fuel cells, optical materials and fibers and the characterization of materials. He has published more than 190 refereed articles, given more than 225 invited talks around the world, and has consulted for more than 50 companies worldwide. He has served as numerous international conference and meetings chairs and is the past chair of the Glass and Optical Materials Division, past President of the ISU Sigma XI Chapter, past president of the ACerS Ceramic Education Council and is a member ACerS, MRS, ECS, ASEE, and Sigma XI professional societies. He is the current co-Chair of the 2015 Annual Meeting of the Glass and Optical Division of the American Ceramic Society to be held in Miami, FL.

