Preparing Peer-reviewed Publications: Insights of an Editor

Scholarly and professional journals feature articles written by researchers and practitioners in a particular subject area. The authors often have particular specialties. Peer groups of researchers, scholars and professionals within a specific discipline are the audience for scholarly literature. Peer-review is a well-accepted indicator of quality scholarship. In this talk the speaker will discuss different aspects of the peer-reviewed publication process, including tips for submitting papers, steps during the peer-reviewed process, role of the editors, role of the reviewers, trends in scholarly, and some insights from an editor perspective.

Gerri Botte, Ph.D.

Dr. Botte is a University Distinguished Professor and Russ Professor of Chemical and Biomolecular Engineering at Ohio University, the founder and Director of Ohio University’s Center for Electrochemical Engineering Research (CEER), and the founder and Director of the Center for Electrochemical Processes and Technology (CEProTECH), a National Science Foundation Industry University Cooperative Research Center. She is the Editor in Chief of the Journal of Applied Electrochemistry. In 2014, she was named a Fellow of the Electrochemical Society for her contributions and innovation in electrochemical processes and engineering. She became a Chapter Fellow of the National Academy of Inventors in 2012. In 2010, she was named a Fellow of the World Technology Network for her contributions on the development of sustainable and environmental technologies.
Dr. Botte has 132 publications including peer-reviewed journals, book chapters, and 22 granted patents. Dr. Botte and members of her research group are working on projects in the areas of electrochemical engineering, electro-synthesis, batteries, electrolyzers, sensors, fuel cells, mathematical modeling, and electro-catalysis. Example projects include: hydrogen production from ammonia, biomass, urea, and coal, synthesis of carbon nanotubes and graphene, water remediation and disinfection, selective catalytic reduction, ammonia synthesis, electrochemical conversion of CO₂ to high value products, novel electrolytes for thermal batteries, and advanced electrowinning.

Prior to joining Ohio University as an assistant professor in 2002, Dr. Botte was an assistant professor at the University of Minnesota-Duluth. She received her Ph.D. in 2000 (under the direction of Dr. Ralph E. White) and M.E. in 1998, both in Chemical Engineering, from the University of South Carolina. Prior to graduate school, Dr. Botte worked as a process engineer in a petrochemical plant; she was involved in the production of fertilizers and polymers. Dr. Botte received her B.S. in Chemical Engineering from Universidad de Carabobo (Venezuela) in 1994.

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