Dr. Wunmi Sadik, SUNY-Binghamton

Dr. Omowunmi "Wunmi" Sadik is Professor of Chemistry & Director, Center for Advanced Sensors & Environmental Systems at State University of New York at Binghamton (SUNY-Binghamton). She completed her Ph.D. in Chemistry from the University of Wollongong in Australia and did her postdoctoral research at the US Environmental Protection Agency (US-EPA). Dr. Sadik has held appointments at Harvard University, Cornell University and Naval Research Laboratories. Her research areas include surface chemistry, sensors, and new measurement approaches and their application to solving problems in biological system, energy and the environment. Sadik is the co-author of over 160 publications and has given over 350 invited lectures and conference contributions world-wide. Sadik's distinguished national and international scientific presence is clearly evident from her Wikipedia page (https://en.wikipedia.org/wiki/Omowunmi_Sadik). Sadik holds five U.S. patents for her work on biosensors, which are being licensed for commercial products. Sadik is a 2015 Sigma Xi Distinguished Lecturer and a fellow of the Royal Society of Chemistry, Fellow of the American Institute for Medical and Biological Engineering (AIMBE), NSF Discovery Corps Senior Fellow and the recipient of Harvard University's Distinguished Radcliffe Fellowship.

Dr. Sadik has received numerous awards including SUNY Chancellor's Award for Scholarship & Creative Activities, Chancellor's Award for Outstanding Inventor, Dean's Distinguished Lecturer and NRC COBASE fellowship. Sadik serves on the advisory boards of several international and multidisciplinary agencies. Examples include the South Africa's Department of Science and Technology; NSF/EPA-funded Center for Environmental Implications of Nanotechnology at the University of California, Los Angeles; member of the review board of the Bioengineering Program at Florida International University; and on the editorial boards of several scientific journals. Sadik was the inaugural chair of the Gordon Research Conference on Environmental Nanotechnology in 2011 and has served as the nanotechnology editor for the RSC Journal of Environmental Science Processes and Impact. She co-edited the ACS Symposium series on environmental sensors and has organized and/or chaired 28 symposia/workshops at national and international conferences. As the President and co-founder of the Sustainable Nanotechnology Organization-SNO (www.susnano.org), Sadik is building support for science, promoting the understanding of its wider relevance to society, and encouraging more informed decision-making at all levels, from government, to communities, and subsequently to individuals. She is also making science accessible to lay audiences that traditionally have been excluded from the process of science.