

Diana Aga, Henry M. Woodburn Professor of Chemistry at the University at Buffalo, received her BS in Agricultural Chemistry degree from the University of the Philippines at Los Baños in 1988, and her Ph.D. in Analytical Chemistry degree from Kansas University (KU) in 1995. Her graduate dissertation was jointly supervised by Prof. George S. Wilson (KU) and Dr. E. Michael Thurman (U.S. Geological Survey), which involved developing mass spectrometry-based and immunoassay-based techniques to investigate the fate and transport of pesticides in the environment. She subsequently moved to Zurich, Switzerland in 1996 to conduct postdoctoral research at the Swiss Federal Institute of Aquatic Science and Technology (EAWAG, Eidgenössische Anstalt für Wasserversorgung, Abwasserreinigung und Gewässerschutz). In 1998, she joined the Chemistry Department of the University of Nebraska-Kearney as a tenure-track Assistant Professor. She then worked in industry for two years (2000-2002) as Research Scientist at the Crop Science Division of Bayer that focuses on crop protection and animal health research. In Fall 2002, Dr. Aga joined the University at Buffalo (UB), The State University of New York (SUNY) Department of Chemistry as a tenure-track Assistant Professor; she was promoted to Associate Professor in 2006, and to Full Professor in 2010. Dr. Aga's research program centers on investigating the environmental chemistry, biological and ecological effects, and mitigation strategies of legacy and emerging contaminants in the environment, such as antimicrobials, persistent organic pollutants, pesticides, pharmaceuticals, endocrine disrupting chemicals, and engineered nanomaterials. Dr. Aga's recent work showing bioaccumulation of antidepressants in brains of fish from the Great Lakes has been highlighted in the national and international newspapers (e.g. USA today, Forbes), radio (BBC, NPR), and television (Fox News, NBC) because of their impact on the biodiversity of fish population in one of the world's most important fresh water body. In addition, Dr. Aga has also demonstrated the widespread occurrence of antibiotics in the environment due to wastewater discharges and land-application of animal manure, resulting in promotion and spread of antibiotic resistance in non-clinical environments. Dr. Aga has co-authored more than 130 peer-reviewed scientific articles and book chapters on these subjects. She serves as editor of the *Journal of Hazardous Materials*, an Elsevier international journal, which publishes research papers on environmental control, risk assessment, impact and management. Dr. Aga has received various prestigious awards and fellowships including the North Atlantic Treaty Organization (NATO) Scientific and Environmental Affairs Research Fellowship (1997), National Science Foundation (NSF) CAREER award (2000), Humboldt Research Fellowship (2007), American Chemical Society (ACS) PROGRESS/Dreyfus Lectureship Award (2007), New York Water Environment Association Kenneth Allen Memorial Award (2007), Fulbright Research Fellowship (2011), Society of Environmental Toxicology and Chemistry (SETAC) Menzie Environmental Education Award (2012), UB Excellence in Graduate Student Mentoring Award (2013), ACS AGRO Fellow Award (2017), and the Jacob F. Schoellkopf Medal of the Western New York ACS (2017).