

Zonta District 4 Spring Summit 2023 Keynote Speaker
Climate Change Affecting Women and Girls in New York Area



Diana S. Aga, Ph.D.
[Professional Information](#)

Biography: **Diana S. Aga** is a SUNY Distinguished Professor and Henry Woodburn Professor of Chemistry at the University at Buffalo (UB), and is the Director of UB RENEW (Research and Education in eNergy, Environment and Water) Institute. Her research involves studying the fate, transport, effects, and treatment of Chemicals of Emerging Concerns (CECs) and Persistent Organic Pollutants (POPs). She is an expert in developing trace analytical methods for organic contaminants and heavy metals in complex environmental matrices based on chromatography and mass spectrometry. She is interested in developing methods for non-target analysis of unknown CECs, especially in identifying degradation products and novel forms of per- and polyfluoroalkyl substances (PFAS). Her research includes evaluating the efficiencies of various advanced biological, physical, and chemical treatment processes in removing PFAS, pharmaceuticals, antimicrobials, and antibiotic resistance genes in municipal wastewater treatment plants, and in agroecosystems. In addition, she is involved in studies assessing bioaccumulation and effects of contaminants in humans, fish, and wildlife.