

With degrees in both chemical and electrical engineering, Gigi has built her 30-year career by utilizing science and engineering to solve global issues, particularly around water. She has acted as an academic researcher, software and hardware developer, advisor, and entrepreneur. She works with state-of-the-art digital technologies, including IoT, data architecture, data analytics, control, and automation. Within the last decade, Gigi has focused her efforts on solving global challenges relating to Water. Notably, she has worked with global leaders of water technology companies, along with utilities to accelerate the Digital Transformation of the water sector. Gigi co-Chairs the SWAN Digital Twin H2O Work Group to help identify and solve relevant utility challenges using this disruptive technology. Above all else, her passion is solving the Water-Energy-Food Nexus via disruptive technologies. Gigi has is a well-known thought leader in the Water sector as a frequent speaker at industry events and a writer with dozens of international publications. Gigi earned a B.S. in Chemical Engineering and an M.S. in Electrical Engineering from North Carolina State University. Her hobbies include abstract oil painting, gardening, bike riding, and cooking.