

Mirza Galib, Ph.D. is an assistant professor in the Department of Chemistry at Howard University. He received his B.S. and M.S. in Applied Chemistry from the University of Dhaka (Bangladesh), and his Ph.D. in Chemistry from the University of Alberta (Canada). He also worked as a post-doctoral research associate at Pacific Northwest National Lab, UC Berkeley, and the University of Louisville. In 2022, he has started his independent career as an Assistant Professor in the Chemistry Department at Howard University. His research expertise and interest are in developing and employing computational tools based on statistical mechanics, quantum mechanics, and machine learning to study fundamental details of molecular properties in complex environments. Specific areas of current interest include understanding concentrated electrolytes and solid-electrolyte interfaces relevant to basic energy science, condensed phase materials relevant to neuromorphic computing, and air-water interfaces relevant to atmospheric chemistry.