



Ulises Martinez has been a Staff Scientist at Los Alamos National Laboratory since 2016. He joined LANL in 2013 as a postdoctoral research associate working with Piotr Zelenay in the development of platinum group metal-free (PGM-free) electrocatalysts for fuel cell applications. He received B.A. degrees in Chemistry and Physics from Goshen College, Indiana in 2004. His M.S. and Ph.D. degrees in Chemical Engineering were obtained at the University of New Mexico in 2009 and 2012, respectively. His Ph.D. work focused on the development of PGM-free anode catalysts for direct hydrazine fuel cells in collaboration with Daihatsu Motor Co. He has authored ~ 30 papers in peer-reviewed journals, 3 awarded patents and a few more patent applications pending. He was a fellow of the NSF graduate research program (NSF-GRFP), integrative graduate education and research traineeship (NSF-IGERT), and the engineering innovation program (ASEE/NSF-EIFP). His research focuses in the development of novel PGM-free catalysts for fuel cell and electrolyzer applications including materials synthesis, physical and electrochemical characterization, and device evaluation and optimization.