

Dr. Aligul Buyukaksoy obtained his PhD degree in Materials Science and Engineering from Missouri University of Science and Technology in 2013. His dissertation, supervised by Prof. Fatih Dogan focused on the development of novel electrode structures for solid oxide fuel cells. As the recipient of Eyes High and Alberta Innovates – Technology Futures postdoctoral fellowships, he continued his research at the University of Calgary, under the supervision of Prof. Viola I. Birss. His postdoctoral research focussed on the development of nanomaterials for solid oxide fuel cell applications. In 2016, he was appointed as Assistant Professor in the Department of Materials Science and Engineering, at Gebze Technical University. His current research interests include development of novel nanostructured electrodes and designs for solid oxide fuel cells and the understanding of the electrochemical reaction mechanisms in these devices, impedance spectroscopy and solid-state Li ion batteries.