

IEEE Region 2 Student Activities Coordinator

Mr. Andrew “Drew” Lowery



Dr. Andrew D. Lowery has 12 years of experience in electronic and controls systems and applications. During his career he has participated in research in the areas of design and controls, sensing and power equipment, antennas and electromagnetics, and engineering education, resulting in peer reviewed publications, including 5 patents and over 30 conference proceedings and journal or bound papers. Currently, Dr. Lowery is the Lead Scientist and Chief Technology Officer of Plasma Igniter, LLC and a Visiting Scholar and Adjunct Professor in the Mechanical and Aerospace Engineering and Benjamin M. Statler College of Engineering and Mineral

Resources at West Virginia University.

As a member of Institute for Electrical and Electronics Engineers (StM’01, M’13, SM’18), Dr. Lowery is active in the Pittsburgh section serving as the Treasurer (2015), Vice Chair (2016), and Chair (2017) to its 2500 members, and is currently the IEEE Region 2 Student Activities Coordinator as well as the IEEE Pittsburgh Section Entrepreneurs network chair. He is also a member of the Sigma Xi, The Scientific Research Society, and The Society of Automotive Engineers.

Lowery has received degrees of Doctor of Philosophy in Mechanical Engineering (2012), Masters of Science in Mechanical Engineering (2006) and dual Bachelors of Science degrees in Computer and Electrical Engineering (2004) from the College of Engineering and Mineral Resources at West Virginia University.