Scott Essenmacher

Education:	
Georgia Institute of Technology – Atlanta, GA Ph.D. in Chemical Engineering Honors: Georgia Tech Foundation's President's Fellowship	Anticipated Graduation: 2020
Hope College – Holland, MI B.S. in Engineering (ABET accredited) with Chemical Engineering Emphasis; minor in Chemistry Honors: Summa Cum Laude; Phi Beta Kappa; Senior Sigma Xi Resea Presidential Scholarship; Michigan Competitive Scholarship	Graduation: May 2015 rch Award; Dean's List;
Related Work Experience: Graduate Research Assistant, Georgia Institute of Technology Research Title: "Removal of Particulate Contaminants from Process E	Current
 Research Assistant, Hope College Research Title: "Preparing for Harvesting Radioisotopes from FRIB" Collaborated to develop a procedure for extracting copper 67 from FRIB" 	May 2012 - July 2015 rom a solution of various metals
 Tutor/Teacher's Assistant, Hope College Administered help sessions and assisted instructors for various 	September 2013 - May 2015 STEM classes
 Undergraduate Research Assistant, University of South Carolina May 2014 - August 2014 Research Title: "High Temperature Oxygen Sensors Based on Ruddlesden-Popper Type Oxides" Conducted research on responses of praseodymium nickelate electrodes at 750 °C in various oxygen partial pressure conditions 	
 Publications: Mastren, T., Pen, A., Peaslee, G.F., Wozniak, N., Loveless, S., Morrissey, D.J., & Lapi, S.E. Feasibility of Isotope Harvesting Facility: ⁶⁷Cu. <i>Sci. Rep.</i> 4, 6706; DOI:10.1038/srep06706 (2014) 	at a Projectile Fragmentation
 Poster Presentations: "High Temperature Oxygen Sensors Based on Ruddlesden-Popper Type. Dogdibegovic and X.D. Zhou AIChE Annual Meeting, Atlanta, GA 	November 2014
 University of South Carolina Summer Research Symposium, Columbia, SC July 2014 "Preparing for Harvesting Radioisotopes from FRIB" K. Petrasky, N. Wozniak, T. Mastren, A. Pen, P. DeYoung, G. Peaslee, S. Lapi, and D. Morrissey AIChE Annual Meeting, San Francisco, CA November 2013 Celebration of Undergraduate Research, Holland, MI April 2013 	
 Organizations and Activities: Association of Chemical Engineering Graduate Students Organized sports-related events for chemical engineering graduate 	April 2016 - April 2017 uate students as Intramural Chair
 Formula Society of Automotive Engineers club Leader of Driving Team Designed, fabricated, and tested scaled down Formula One-typ 	September 2011 - May 2015 September 2014 - May 2015 be cars with other group members