

Presentations:

Michael D. Wales; W. Traylor; L. Joos; P. H. Pfromm; M. E. Rezac; “**Catalytic Ceramic Hollow Fiber Membranes for Use in Model Three Phase Reactions: Understanding the influence of hydrogen pressure on selectivity and reaction rate**”, ICOM 2014, The 10th International Congress on Membranes and Membrane Processes, Suzhou, China, July 20-25 **(Oral)**

Michael D. Wales; W. Traylor; L. Joos; P. H. Pfromm; M. E. Rezac; “**Lignin Valorization Using Catalytic Membrane Reactors**”, 2014 Energy Symposium, Kansas State University, Manhattan, KS, April 9-10, 2014, (Poster)

Michael D. Wales; W. Traylor; M. E. Rezac; P. H. Pfromm; L. Schulte; J. Stanford; M. Young; M. Heidlage, “**Membrane Reactors for Multiphase Hydrotreating of Biomass: Overcoming Gas-Liquid Mass Transfer Limitations**”, AIChE 2014 Spring Meeting and 10th Global Congress on Process Safety, New Orleans, LA, March 30 - April 3, 2014 **(Oral)**

Michael D. Wales, W. Traylor, M. E. Rezac, P. H. Pfromm, “**MEMBRANE REACTORS FOR USE IN THE PARTIAL HYDROGENATION OF VEGETABLE OIL: UNDERSTANDING THE INFLUENCE OF PRESSURE AND THE RATIO OF MEMBRANE AREA TO REACTION VOLUME**”, Research and the State Graduate Student Poster Session, Kansas State University, Manhattan, KS October 29, 2013 (Poster)

Michael D. Wales; M. E. Rezac; P. H. Pfromm , “**CATALYTIC POLYMERIC HOLLOW FIBER MEMBRANE MODULES FOR USE IN MODEL THREE PHASE REACTIONS: Understanding the influence of the ratio of membrane area to reaction volume treated**”, North American Membrane Society Annual Meeting, Boise, ID, USA, June 8-12 2013 (Poster)

Michael D. Wales; M. E. Rezac; P. H. Pfromm , “**CATALYTIC HOLLOW FIBER MEMBRANE REACTORS FOR USE IN LIGNIN HYDROGENATION**”, 2013 Bio Energy Symposium, Kansas State University, Manhattan, KS, April 11, 2013 (Poster)