

1. **Name:** Kelly R. Marbaugh
2. **Education – degrees, discipline, institution, year:**
Ph.D., Engineering; Concentration: Bioengineering, University of Toledo, Toledo, OH, 2015
B.S., Bioengineering, University of Toledo, Toledo, OH, 2009
3. **Academic Experience – 3 years**
Assistant Lecturer, Department of Bioengineering, University of Toledo, Toledo, OH (2017-Present)
Visiting Assistant Professor, Department of Bioengineering, University of Toledo, Toledo, OH (2015-2017)
Part-time Instructor, Department of Bioengineering, University of Toledo, Toledo, OH (2015)
4. **Non-academic experience:** Product Development Co-op, Trauma and Extremities Business Unit DePuy Orthopaedics: A Johnson and Johnson Company, Warsaw, Indiana, (2006-2007)
5. **Certifications or professional registrations:** N/A
6. **Current membership in professional organizations:** N/A
7. **Honors and Awards**
The University of Toledo College of Graduate Studies University Fellowship, 2010-2014
8. **Service Activities (most important within and outside the institution) (Past 5 years)**
National and International: N/A
University, College, and Department:
Science Fair Judge, The Ohio Academy of Science, Northwest Ohio District 2 Science Day at The University of Toledo, 2013
Poster Gala Judge, GK-12 Annual Poster Gala at The University of Toledo Lake Erie Center, 2012-2013
9. **Most Important Publications: Refereed Journal Articles/Patents:**
Refereed Journal Articles/Patents/Conference Papers –
Symposium on Biotechnology for Fuels and Chemicals; Marbaugh, et al, Mathematical Modeling of Furfural Production From High Purity Xylulose, 2014
American Institute of Chemical Engineering; Marbaugh, et al, Separation of Sugars From Biomass Hydrolysate Using Plasticized Liquid Membranes, 2012
Co-inventor of patent held by Johnson and Johnson (reassigned to Biomet)-Patent Number: 8343154, 2007