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| 162 Fenske Laboratory, The Pennsylvania State University, University Park, PA 16802•mxf5340@psu.edu |
| Megan Elizabeth Farell |
| Education |
| Fall 2015-Present The Pennsylvania State University State College, PAPhD Candidate  * Selected for the College of Engineering Graduate Excellence Fellowship at Penn State |
| Fall 2011-May 2015 University of Tennessee Knoxville, TNB.S. in Chemical Engineering earned May 2015  * Honors chemical engineering degree with a biomolecular concentration.   GPA – 3.93  Graduated Summa Cum Laude  **Experience**  November 2015-Present The Pennsylvania State University  **Doctoral Project**   * Works in Dr. Manish Kumar’s lab on using block copolymers and lipids to create a biomimetic environment for redox enzymes on different types of surfaces   January 2013-May 2015 University of Tennessee  **Undergraduate Research Position**   * Worked in Dr. Paul Frymier’s lab alongside graduate student, Bradley Harris * Past Projects:   1) Designing a purification method to analyze the properties of mutant Ni-Fe hydrogenase  2) Setting up a spectrophotometer to analyze PSI samples  June 11, 2014-August 12, 2014 Max Planck Institute for Chemical Energy Conversion  **Summer Research Internship through DAAD RISE**   * Worked in Dr. Wolfgang Lubitz’s group * Project: Created mutations near the Fe-S clusters of an Fe-Fe hydrogenase to study its effects on the hydrogenase’s properties such as protein structure and hydrogen evolution |
| **Awards and Achievements**  Awarded the Graduate Excellence Fellowship at The Pennsylvania State University: 2015  Received Albert H. Cooper Memorial Scholarship for academic performance: May 2015  Awarded the 2015 Extraordinary Professional Promise Award from UT’s Honors Program  Graduate of the Chancellor’s Honors Program at the University of Tennessee  Vice President of AIChE for University of Tennessee Chapter: 2014-2015  Dean’s List – Fall 2011, Spring 2012, Fall 2012, Spring 2013, Fall 2014  Awarded Ready for the World Grant for Summer 2014 for research in Germany  Selected for DAAD RISE Summer Internship 2014 at the Max Planck Institute for Chemical Energy Conversion  Awarded the Homer Johnson Scholarship from the Annual Chemical Engineering Department Scholarship Contest: 2013  Selected for TN SCORE Summer REU Program—Summer 2013 |