

Jessica Ewbank
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OBJECTIVE

Obtain a career in production of fuels and/or chemicals from biomass via catalytic conversion

EDUCATION

Georgia Institute of Technology
Ph.D. in Chemical Engineering **2010 – 2015**
Dissertation: "Tar reforming of biomass derived syngas"

University of South Florida
B.S. in Chemical Engineering **2010 – 2008**

Hillsborough Community College
A.A. in Liberal Arts **2005 - 2008**

AWARDS

- Presidents Fellowship, *Georgia Institute of Technology* **2010 - Present**
 - Paper Science and Engineering Fellow, *Georgia Institute of Technology* **2010 - Present**
 - Phi Theta Kappa Honors Fellow, *University of South Florida* **2008 - 2010**
 - Presidents Scholarship, *Hillsborough Community College* **2006 - 2008**
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LABORATORY SKILLS

- SEM, TPR, TPD, GC-MS, N₂ physisorption, XRD, FTIR, and Labview
 - Built novel reactor for catalytic experiments under tar reforming conditions and TPR/TPD – MS for catalytic testing
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MEMBERSHIPS

- American Institute of Chemical Engineers