

Brittany Luntz
12 Montrose Place, Melville, NY 11747
(631) 513-5827
brittanyluntz@gmail.com

EDUCATION:

Washington University in St. Louis, St. Louis, MO September 2012-May 2016
Bachelor of Science in Chemical Engineering, Minor in Energy Engineering
GPA: 3.51/4.0
Dean's List, Fall 2015, Fall 2014 and Spring 2013

University of Cape Town, Cape Town, South Africa February 2015-June 2015

WORK EXPERIENCE:

Missouri Coalition for the Environment, St. Louis, MO June 2015- August 2015
West Lake Landfill Intern

- Helped to motivate action in remediation of the West Lake Landfill Superfund site through community and meetings with associated parties
- Researched potential impacts of nuclear waste site on surrounding area based on case studies from similar environmental remediation sites

South Africa Women in Engineering (WomEng), Cape Town, South Africa February 2015-May 2015
Technical Challenge Coordinator

- Wrote and developed Technical Challenge brief on the topic of "Engineering for the Green Economy" to guide research for the 2015 WomEng Fellowship Technical Challenge
- Created PowerPoint presentation on this topic to be presented at 2015 WomEng Fellowship Week

Energy Resources Group Inc., St. Louis, MO October 2014-December 2014
Engineering Intern

- Assisted with HVAC retro-commissioning studies and energy audits
- Analyzed utility and weather data to develop recommendations for reducing energy consumption in Brauer Hall

Washington University Office of Sustainability, St. Louis, MO June 2014-August 2014
Summer Intern

- Helped to create a strategic plan for campus sustainability
- Worked to promote and advance sustainability on campus through multiple projects including a Green Labs Initiative and a campus solar project

RESEARCH EXPERIENCE:

Washington University Department of Chemical Engineering, St. Louis, MO September 2013-May 2014
Research Intern for Dr. John Fortner

- Assisted with projects and procedures taking place in laboratory
- Conducted research on environmental implications and applications of nanomaterials

COMMUNITY SERVICE:

Global Brigades, El Junquillo, Honduras March 2014
Water Brigade Participant

- Week-long effort in Honduras to help install a fresh water system in an impoverished community
- Worked with community to ensure longevity and sustainability of water system

LEADERSHIP AND ACTIVITIES:

Green Events Commission August 2012-Present
President/ Recruitment Chair/ Member

- Organized weekly meetings of campus environmental consulting group as co-chair
- Worked with Student Union leadership and various student groups to promote sustainability on campus

Society of Women Engineers August 2012-Present
Member

SKILLS:

Laboratory-organic synthesis and purification, paper and thin layer chromatography, UV spectroscopy
Computer-Microsoft Excel, MATLAB
Spoken Languages-conversant in French