

Savannah Steinly

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Education

Bachelor of Science in Chemical Engineering (Second-Year Student)

Graduation: December 2018

University of Maryland, Baltimore County (UMBC): 3.42 GPA

Baltimore, MD

- Concentration on the Environmental Engineering and Sustainability Track
- Minor in English with a Concentration in Creative Writing
- Center for Women in Technology (CWIT) Scholar and Honors College Certificate

Experience

Doris Duke Conservation Scholars Program at University of Washington- First Year

Summer 2015-present

- Traveled across various landscapes while learning about conservation fields, engaging in field work, and discovering how to become an environmental change-agent *Seattle, WA*
- Collaborated with a diverse group of students from around the country on effective methods to solve sustainability-oriented issues while developing communication and teamwork skills

Research Assistant- UMBC Chemical Engineering, Dr. Lee Blaney

- Examine the environmental transformation pathway of organometallic chemicals through photolytic methods *August 2015- present*
Baltimore, MD
- Work for at least ten hours a week individually and with a group while using instruments such as UV Visible Spectroscopy and High-Performance Liquid Chromatography and presenting work periodically

Congressional Aide- Office of Alan Lowenthal of the 47th District of CA on Capitol Hill

August 11-15, 2014

- Flexibly completed necessary office tasks, including mailing and sorting letters, answering constituent phone calls, organizing office and cabinet spaces, and giving Capitol tours
- Performed research on contemporary, relevant bills, especially environmental ones

Projects

- **Statics:**
 - Contributed to the design and technical report of a wheel chair ramp project with local applications
- **International Field Research:**
 - Created and executed an independent qualitative research project concerning renewable energy system comparisons between Switzerland and the United States, and between U.S. regions

Activities and Leadership

Varsity Cross Country and Track and Field Athlete, Division I

June 2014- present

UMBC Admissions Team: Tour Guide

August 2015- present

Society of Women Engineers (SWE): Service Chair

May 2015- present

Center for Women in Technology (CWIT) Student Council: Secretary

April 2015- present

UMBC STRiVE Participant

Spring Break, 2015

- Developed leadership and speaking skills while gaining awareness of social justice issues and how to strive for equity.

Service

Volunteer at the Weinberg Housing and Resource Center

January 2015

- Served food and completed other necessary tasks at a homeless shelter located in Baltimore (20 hours).

Community Garden Volunteer

August 2014- present

- Worked on the Design Team to assist in the building of a unique, interdisciplinary campus space. On some weekends, volunteer two to seven hours working to build, plant, and expand.

Skills and Certifications

- Proficient in Microsoft Office (Word, Excel, PowerPoint, etc.) and Adobe Photoshop
- Some experience with AutoCAD, MATLAB, and ArcGIS
- Completed AIChE Safety and Chemical Engineering Education certificate program: "Basics of Laboratory Safety"