

Joseph Strock

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Objective: To obtain admission in the M.S. Chemistry Program at The George Washington University.

Education: **Bachelor of Science in Chemistry** May 2016

Ursinus College, Collegeville, PA

Cumulative GPA: 3.4/4.0 Major GPA: 3.7/4.0

Honors: The American Chemical Society Award, Recipient, 2016

Related Coursework: Organic Chemistry, Advanced Analytical Chemistry, Molecular Neurobiology, Biochemistry

Skills: **Laboratory:** Synthesis: organic, organometallic, inorganic, and polymer compounds
Purification: column chromatography, distillation, sublimation, extraction Instruments: GC/MS, NMR, IR, UV/Vis, EPR

Computer: Microsoft Word, Excel, PowerPoint, Access, C/C++

Research Experience: **Research Assistant**, Chemistry Department, Ursinus College, PA
(Academic Years 2014-2015)

- Researched the synthesis and analysis of bioorganic chemicals
- Improved average yields by 150%
- Awarded competitive research grant

Summer Research Fellow, Ursinus College, PA
(Summer 2015)

- Investigated polyelectrolyte polymer/dye interactions using molecular UV/Vis absorption and Fluorescence Spectroscopies
- Formulated hypotheses and analyzed data
- Presented results at summer Student Conference of the American Chemical Society

Research Intern, ACME, Inc., Canton, OH
(Summer 2014)

- Conducted coatings and resins research and development
- Developed scratch-resistant chemical coatings
- Worked in team of five scientists and interns

Leadership Experience: **Resident Assistant** Academic Years 2014-2016
Student Affairs, Ursinus College, PA

- Problem-solved campus issues with other resident advisors and supervisors in a team-oriented environment
- Advised thirty residents on personal, social, and academic issues
- Developed and planned programs to foster community spirit and awareness

Bonner Leader Academic Years 2013-2015

The Bonner Leaders Program, Ursinus College, PA

- Selected as one of 23 students from a class of 435
- Participated in an intensive, four-day leadership and problem solving training program
- Completed with distinction a four-credit leadership studies course
- Instructed a course involving planning, recruitment, evaluation, and execution of comprehensive Scholastic Aptitude Test preparation at Norristown High School

Activities & Affiliations: American Chemical Society, Student Affiliate, 2014-2016
Habitat for Humanity, Volunteer, 2013-2015
Table Tennis Team, Ursinus College, Member, 2011-2015