

Michael Ryan Stewart

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EDUCATION

Bradley University, Peoria, IL

Bachelor of Science in Chemistry, Expected Graduation May 2020

- Overall GPA: 3.09 (4.0 scale)

RESEARCH EXPERIENCE

Mund-Lagowski Department of Chemistry and Biochemistry, Bradley University

Research Assistant. September 2018–Present

- Work under direction of Dr. Edward Remsen
- Study how chemical-mechanical planarization (CMP) slurry components interact in the production of microelectronics and nanoelectronics
- Prepare solution samples for testing
- Conduct chemical analysis of samples and interpret results
- Communicate results and progress with research partner and Dr. Remsen
- Maintain complete and accurate records of all testing and analysis completed

ADDITIONAL EXPERIENCE

Student Worker, Alumni and Donor Records, **Bradley University**. Peoria, IL. October 2016–Present

- Maintain accurate records of all donors and alumni in computer database
- Analyze paperwork to ensure up-to-date records
- Review work completed by others in office
- Perform other tasks as directed

HONORS and ACTIVITIES

- Dean's List, Spring 2019
- Bradley University Chemistry Club, August 2018–Present
 - Active member: attends meetings and various chemistry-related lab activities
- The National Society of Leadership and Success, Inducted April 2017

SKILLS

- Computational Chemistry software
 - GaussView™ 6.0
 - ChemBio3D® Ultra and ChemDraw® Prime 16.0
- Laboratory equipment and techniques
 - ATR–FTIR (attenuated total reflection–Fourier-transform infrared spectroscopy)
 - FCS (fluorescence correlation spectroscopy)
 - GC–MS (gas chromatography–mass spectrometry)
 - HPLC (high-performance liquid chromatography)
- Proficient use of Microsoft Office (Word, Excel, PowerPoint)