

Sandy Smith

Objective: An industrial position in the chemical industry that will capitalize on analytical and research skills.

Education: **Bachelor of Science, Chemistry** University of Southern Indiana, Evansville
Expected graduation, May 2010 GPA: 3.12

Laboratory

Coursework: Organic Chemistry, Instrumental Analysis, Biochemistry, Polymer Chemistry

Research

Experience: **University of Southern Indiana**
Polymer/ Organic Chemistry Undergraduate Research 2007-2008

- Dr. Michael, Associate Professor
- Fluorescent polymer synthesis and characterization
- Experience with oxygen free, "Schlenk line" reactions
- Abstract article for Spring ACS conference, "Synthesis of new *E*-BODIPY compounds bearing decanoyl groups"

Analytical Undergraduate Research 2008-2009

- Dr. Sandra Brown
- Organic compound isolation in water samples, Identification with GC-MS

Experience: **Mead Johnson Nutritionals, Validation Internship** Summer and Fall 2009

- Conducted validation of new instruments
- Performed analysis of large amounts of data
- Completed proper documentation and reporting
- Worked in collaborative team with other laboratory members

University of Southern Indiana, Chemistry Stockroom Assistant 2008

- Prepared solutions and standards
- Performed laboratory setup and chemical disposal
- Documented proper lab procedure and maintained laboratory notebook

Computer

Skills: Proficient in Microsoft Word, Excel, and LIMS

Employment: Pharmacy Technician, *St. Mary's Hospital* 2008-2009
Self-employed Landscaper, *Evansville* 2006-2008

Activities: American Chemical Society (USI Chapter), 2008-2010
Junior Chemistry Scholarship
YWCA Volunteer