

Lisa Schaus Barker
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Teaching Experience:

Adjunct Faculty, College of Charleston January 2014-present
Taught Chem 111, 112, 111L, and 231L
Adjunct Instructor of Chemistry, Miramar College January 2012-December 2012
Taught Chem 201 and 201L (second semester general chemistry lecture and lab)

Education:

M.S., Chemistry, University of California at Irvine March 2010
B.A., Chemistry (with distinction) and Music, *summa cum laude* May 2006

Teaching and Mentoring:

Chemistry tutor September 2010-December 2012
Tutor, Cambridge Tutoring & Test Prep, Laguna Beach, CA. November 2010-June 2011

Scholarships and Awards:

National Science Foundation Graduate Research Fellowship, awarded 2006.
Barry M. Goldwater Scholar, 2005
Courtland and Ellen Agre Award, St. Olaf College, 2006.
Phi Beta Kappa, 2005
ACS Polymer Education Committee Organic Chemistry Award for St. Olaf College, 2004
Dow Chemical Scholarship, 2003-2006
St. Olaf Regents Scholar, 2002-2006
Drug, Chemical, and Allied Trades Scholarship, 2002-2006
National Merit Scholar, 2002
U.S. Presidential Scholar Semifinalist, 2002

Research Experience:

Graduate student in organic chemistry, August 2006 to September 2010, UC Irvine, Prof. Keith Woerpel laboratory. Nucleophilic addition to exocyclic oxocarbenium ions.

Summer researcher, 2004, 2005, for Dr. Gary Miessler, St. Olaf College, Department of Chemistry. Synthesis of molybdenum and tungsten dithiolene complexes.

Summer researcher, 2002, 2003, with Dr. Bradley Allen, Indiana University School of Medicine, Dept. of Infectious Diseases. Research in *Streptococcus anginosus*, sequencing and animal work.

Professional Associations:

Iota Sigma Pi, a chemistry service honor society for women, 2007-2010
American Chemical Society, member, 2006-2014
American Chemical Society, Student Affiliate, 2004-2006

Presentation:

Miessler, Gary; Schaus, Lisa. **Synthesis and characterization of molybdenum and tungsten complexes.** Poster Presentation at 230th ACS National Meeting, Washington, DC, United States, Aug. 28-Sept. 1, 2005.