

**Suzanne E. Kulevich**

Department of Chemistry  
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**Education:**

**Ph.D. Candidate: Analytical Chemistry**

University of Wisconsin-Madison  
August 2006-present  
Cumulative GPA: 4.00  
Advisor: Professor Lloyd M. Smith

Awards:	NSF Pre-Doctoral Fellowship, Honorable Mention	March 2007
	Samuel M. McElvain Fellowship	Fall 2006

**B.A. Chemistry *magna cum laude***

College of the Holy Cross  
September 2002-May 2006  
Cumulative GPA: 3.85  
Advisor: Professor Jane M. Van Doren  
Honors Thesis: *Green Solutions to Arsenic Contamination*

**Awards:**

Joseph C. Cahill Award for Excellence in Chemistry	May 2006
Elected into Phi Beta Kappa Honor Society	May 2006
Nominated to be Valedictorian	April 2006
NSF Pre-Doctoral Fellowship, Honorable Mention	March 2006
Avon Women in Science Scholarship	May 2005
Division of Analytical Chemistry, American Chemical Society Undergraduate Award in Analytical Chemistry	May 2005
Dana Scholar (cumulative GPA above 3.50, leadership)	2003-2004
Accepted into College Honors Program	Fall 2003
Accepted into National Society of Collegiate Scholars	Fall 2003
Deans List: High Honors (all eight semesters)	Fall 2002-Spring 2006

**Experience:**

**Research Assistant**

University of Wisconsin-Madison  
Department of Chemistry  
November 2006-present  
Advisor: Professor Lloyd M. Smith

Develop and improve mass spectrometry instrumentation for top-down

proteomics.

**Teaching Assistant**

University of Wisconsin-Madison

Department of Chemistry

January 2007-May 2007

Assisted in lab for the instrumental chemistry course (CHEM 524). Held weekly office hours, graded lab reports and homework assignments, and assisted in the grading of exams.

University of Wisconsin-Madison

Department of Chemistry

September 2006-December 2006

Led discussion sections and lab for general chemistry (CHEM 103). Held weekly office hours, graded homework assignments, lab reports and quizzes, and assisted in the grading of exams.

College of the Holy Cross

Department of Chemistry

September 2005-May 2006

Assisted in lab for the Instrumental Chemistry/Analytical Methods course.

**Explorer**

Science Discovery Museum, Acton, MA

June 2006-August 2006

Educated and interacted with visitors. Supervised and ran special programs for visitors including sun exposure awareness and the chemistry of ice.

**Undergraduate Research Assistant**

College of the Holy Cross

June 2006-August 2006

Advisor: Professor Jane M. Van Doren

Developed science experiment kits to loan to area elementary and middle schools to supplement the science curricula.

College of the Holy Cross

September 2005-May 2006

College of the Holy Cross Summer Research Institute, May 2005-July 2005

Advisor: Professor Jane M. Van Doren

Honors Thesis: *Green Solutions to Arsenic Contamination*

Explored the use of local ferns and ornamental cabbage for the remediation of arsenic contamination in soil and water. Developed experiments for undergraduates based on appropriate technologies (water treatment technologies for developing nations).

College of the Holy Cross  
September 2004-May 2005

College of the Holy Cross Summer Research Institute, May 2004-July 2004

Advisor: Professor Ronald M. Jarret

Explored the use of molecular modeling programs for undergraduate organic chemistry courses to aid in the visualization of chiral molecules. Developed a substitution reaction scheme for use in the undergraduate organic chemistry courses using phenylpropanol and phenylbutanol isomers.

**Volunteer Activities:**

Science Ambassadors

College of the Holy Cross

Fall 2004-Spring 2006

Outreach program to teach science to elementary and middle school students, included performing chemistry demonstrations and developing mysteries for the students to solve using chemistry.

Student Alliance for the Advancement of Alternative Fuels and Energy (SAAAFE)

College of the Holy Cross

Spring 2005-Spring 2006

Outreach program to teach middle school students about fossil fuels and alternative energy.