

NELLIE J. SHAUL

7912 Avenida Navidad, Apt. 153
San Diego, CA 92122
(618) 210-1651
nshaul@ucsd.edu

Scripps Institution of Oceanography
Geosciences Research Division
University of California, San Diego
La Jolla, CA 92093-0208
858-534-4957 (office)
858-822-0997 (lab)
858-822-3310 (fax)

EDUCATION

- Ph. D., University of California San Diego, Scripps Institute of Oceanography (CA)**
Marine Chemistry and Geochemistry Expected May 2013
Advisor: Dr. Lihini Aluwihare
- M.S., Chemistry, Southern Illinois University at Edwardsville (IL)**
Advisor: Dr. Kevin A. Johnson Expected Dec 2007
- B.S., Biology, Southern Illinois University at Edwardsville (IL)**
Concentration: Ecology, Environment, Evolution Aug 2006
Summa Cum Laude, Minor: Mathematics
- B.S., Chemistry (ACS Cert.), Southern Illinois University at Edwardsville (IL)**
Summa Cum Laude, Minor: French Aug 2006

EXPERIENCE

- Southern Illinois University at Edwardsville (IL)** Aug 2006 – May 2007
Graduate Assistant
• Perform laboratory maintenance and upkeep, in addition to thesis research.
- Southern Illinois University at Edwardsville (IL)** May 2005 – Aug 2006
Chemistry Laboratory Teaching Assistant
• Teach general, organic, and nursing chemistry laboratory courses.
- Southern Illinois University at Edwardsville (IL)** Jan 2005 – Aug 2006
Department of Chemistry Tutor
• Tutor students in the areas of general and organic chemistry.
- Educational Services Unlimited (Edwardsville, IL)** Dec 2004 – Mar 2005
General Subject Tutor
• Tutor primary school through college level students in the areas of math, chemistry, biology, French, physics, and ACT preparation.
- Southern Illinois University at Edwardsville (IL)** Aug 2004 - Jan 2005
Microbiology Preparation Assistant
• Prepared all media, solutions, reagents, and glassware for four sections of BIOL 350 (Microbiology Lab), and subsequent disinfection and clean up thereof.
- Illinois Environmental Protection Agency** June – August 2004
Governor's Environmental Corps Intern
• Shadowed and assisted IEPA officers at Collinsville, IL Region VI regional office on assignments and inspections, as well as emergency and complaint calls.

RESEARCH SKILLS

- Trained in Good Laboratory Practice (GLP) techniques.
- Instrumentation: Gas Chromatography
Gel Permeation Chromatography
High Performance Liquid Chromatography
Mass Spectrometry
Nuclear Magnetic Resonance Spectroscopy

SERVICE ACTIVITIES

- Student Leadership Development Program** Nov 2004 – May 2007
- Attend leadership modules and volunteer in the community.
- BRIDGE Committee** Fall 2005 – Spring 2007
- Baccalaureate Reform through Integrated Design of General Education
 - Draft proposal for a reform of the general education program at SIUE.
- Teaching Excellence Award Committee** Spring 2003
- Student Representative; Observed candidate's classes and studied dossiers to elect the Teaching Excellence Award recipients for 2003.
- Chemistry Workshop Peer Leader** Aug 2002 – Dec 2003
- Led groups of approximately 10-15 students in chemistry problem solving.

EXTRA-CURRICULAR ACTIVITIES

- Chemistry Club Member** 2003 – 2007
- Webmaster 2004 – 2006
 - President 2005 – 2006
- Biology Club Member** 2003 – 2005
- Undergraduate Research Academy** 2004 – 2005
- Area: Organic chemistry; Mentor: Dr. James McClure
 - Title: *Novel Synthesis of 2-Substituted Benzofurans*
- Study Abroad Scholar** Jan – May 2004
- Angers, France
- Research Assistant to Professor Kurt Schultz** Oct – Dec 2002
- Laid plots for research project on the control of an invasive species of honeysuckle.

AWARDS

- American Council of Independent Laboratories Spring 2007
- \$4,000 Graduate Research Scholarship
- National Science Foundation Spring 2007
- Graduate Research Fellowship Honorable Mention
- Chemistry Graduate Student Award Spring 2007
- American Chemical Society Graduate Student Award Spring 2007
- Division of Environmental Chemistry
- Bouman Research Award (Graduate Division) Spring 2006
- Anheuser Busch Outstanding Senior in Chemistry 2005 – 2006
- Biology Senior Award 2005 – 2006
- Bouman Research Award (Undergraduate Division) Spring 2005

Donald G. Myer Outstanding Student Award	2004 – 2005
ACS Outstanding Junior Chemistry Award	2004 – 2005
Biology Senior Award	2004 – 2005
Who's Who Among America's College Students	2004 – 2005
Michel R. Levy Award: Outstanding Student in Cell Biology	2003 – 2004
Provost's Tuition Scholarship: College of Arts & Sciences	2003 – 2004
Tripos Scholarship: Biology, Chemistry, Computer Science	2002 – 2003
Outstanding Student in Organic Chemistry	2002 – 2003
Chemistry Honors	2002 – 2003
Air Force ROTC Scholarship	Fall 2000
Dean's Scholar	
Dean's List	All Semesters

GRANTS

Illinois State Academy of Science	Spring 2007
Reason: In support of graduate thesis research.	\$400
Research Grants For Graduate Students (SIUE)	Fall 2005
Reason: In support of graduate thesis research.	\$500
College of Arts and Sciences Travel Grant (SIUE)	Spring 2004
Reason: In support of study in Angers, France.	\$500

PROFESSIONAL MEMBERSHIPS

American Chemical Society	2004 – present
Sigma Xi Research Honor Society	2005 – present
Illinois State Academy of Science	2005 – present
Phi Kappa Phi National Honor Society	2004 – 2006
Golden Key National Honor Society	2004 – 2006

REFERENCES

Available upon request.