

EDUCATION:

Bachelor of Arts, Biology, May 2010
St. Olaf College Northfield, MN; GPA: 3.5

RELEVANT COURSEWORK:

Biological Science, Cell Biology & Genetics, Organismic Biology, Ecological Principles, Genetics, Human Anatomy & Physiology, Comparative Vertebrate Anatomy, Zoo Biology, Microbiology, General Chemistry, Atom/Molecular Structure, Chemical Reactions, Organic Chemistry, Biochemistry, Calculus, Statistics

LABORATORY SKILLS:

Rotary evaporator; polymerase chain reaction (PCR); Real Time RT PCR; compound and dissecting microscopes; thin layer column chromatography; electrophoresis; pH meter; laboratory thermometer; STATA, Microsoft Excel and Word, Power Point, Endnote; water cooled and reflux condensers; suction and pipette filtration; Hirsch funnel; Fischer-Jones melting point apparatus

RESEARCH EXPERIENCE:

Biochemistry Researcher, *Dr. Claudia Schmidt-Dannert, University of Minnesota-Twin Cities, Minneapolis, MN, McNair Scholars Program (Summer 2009):*

Conducted research on the isolation of novel wax ester synthases from marine sediments.

Biomedical Researcher, *Dr. Russell V. Anthony and Dr. Jann Rhodes, Colorado State University, Fort Collins, CO, CSU-NIH Summer Research Program, (Summer 2008):*

Conducted research on the effect of hypoxia on the right ventricle of fetal sheep, learned to pipette, diluted solutions, ran gel electrophoresis, performed Real-Time PCR.

LEADERSHIP EXPERIENCE:

Teaching Assistant, *Introduction to Biology, Saint Olaf College, (2009-present):*

Help students understand class material as well as assist in setting up labs.

Stockroom worker, *Biology Department, Saint Olaf College, (2009-Present):*

Manage the laboratories, equipments, and open and close lab the laboratories.

Chemistry (SI) Leader, *Student Support Services, Saint Olaf College (2008-Present):*

Prepare for Supplementary Instructions (SI) class, tutor, mentor, and help peers with homework and other chemistry related questions three hours per week.

EXTRA-CURRICULAR ACTIVITIES:

Member, *Beta Beta Beta, (2009-Present):*

Participate in a service organization involved in community education in the natural sciences, environmental concerns and providing contacts with people holding careers in biology.

Volunteer, *Feed My Starving Children, Eagan, MN (2009-Present):*

Package food to be sent to third-world countries, three hours a month.

Mentor, *Educational Talent Search, (2007-Present):*

Assist high school student from a Saint Paul Humboldt High School with homework, answer questions about college, and encourage students to consider college after high school.

Volunteer, *Annual Hmong Health Fair, Hmong Health Care Professional Coalition, Saint Paul, MN, (2007):*

Distributed health pamphlets, provided free diabetic tests, and educated elderly Hmong folks on health concerns.