

ROBYN S

GEOGRAPHY: Geographically Flexible
INDUSTRY: Scientific Research/Development

Education

2011 - current Scripps College, Claremont, CA
Bachelor of Arts in Molecular Biology (projected graduation date, May 2015)
Overall GPA: 3.61/4.00
Major GPA: 3.68/4.00
2009 - 2011 Minnetonka High School, Minnetonka, MN
GPA: 3.85/4.00
Earned International Baccalaureate Degree
2006 - 2009 International School of Lausanne, Switzerland

Honors and Awards

2014 Dean's List, Spring
2013 Dean's List, Spring and Fall
2011 Cum Laude at Minnetonka High School
2010 - 2011 National Honor Society at Minnetonka High School
2009 - 2011 "A" Honor Roll at Minnetonka High School
2009 - 2011 Minnetonka High School Honor Society

Relevant Courses

Introduction to Chemistry	Organic Chemistry	Molecular Biology Lab (Lab Techniques)
Introduction to Biology	Calculus II	Bio-Organic Chemistry
Molecular Biology	Genetics	Physical Chemistry
Biochemistry	Principles of Physics	

Currently enrolled in Cell Biology, Biostatistics, Computer Science 5 Green (Introduction), Thesis

Research Technique

Very Familiar

Pipetting	Western blot	RT-PCR
DNA electrophoresis	Mutagenesis	Melting points
PCR	Designing primers	

Somewhat Familiar

Recrystallization	Vacuum filtration	Northern blot
Distillation	Creating electrocompetent cells	RNA isolation

Research Experience

October 2013 - Current Laboratory Assistant, Keck Science Claremont, CA

- Independent research and thesis research
- Received the Keck Science Grant to conduct 40 hours/ week of research for 9 weeks during the summer
- Conduct research in Dr. Emily Wiley's lab to understand the implications on regulation of histone H3 proteolysis by acetylation in *Tetrahymena thermophila*

June - August 2013 Research and Design Intern, Medtronic- Cardiovascular Santa Ana, CA

- Researched and tested a new valve fixturing system for conduit testing optimization
- Communicated research to individuals within the organization via a presentation and poster that travels globally

Presentations

October 25, 2014 La Jolla, CA

- American Society of Microbiology- Southern California Branch: Regulation of Histone H3 Proteolysis by Acetylation in *Tetrahymena thermophila*

September 5, 2014 Claremont, CA

- Keck Science Summer Research Symposium Talk: Regulation of Histone H3 Proteolysis by Acetylation in *Tetrahymena thermophila*

Work Experience

January 2010 - current Guest Speaker, American Heart Association Minneapolis, MN/Orange County, CA

- From the perspective of a "survivor," address event attendees to express the importance of fundraising
- Chosen by the Twin Cities, MN branch to be the regional "Face of the American Heart Association" for 2010