

Junior Student

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EDUCATION

Princeton University, Princeton, NJ June 2014
A.B. in Molecular Biology, Pre-med, Certificate in Neuroscience GPA 3.33
Relevant coursework: Genetics, Biochemistry, Introduction to Biological Dynamics, Biostatistics, Microbiology, Genome Integrity and Human Disease

RESEARCH AND LAB EXPERIENCE

"Revising the Phylogenetic Reassignment of *Oxytricha trifallax*" Fall 2012
A junior paper submitted that revised the phylogeny of *O. trifallax* using several conserved gene sequences.

Research Assistant, Frist Lab, Princeton University Spring 2012

- Conducted analytical experiment on gene expression, attempting to determine level of other factors.
- Performed purification of protein.
- Generated statistical summaries and reports of collected data.

Lab Technician, Molecular Biology Department, Princeton University Fall 2011

- Set up, adjusted, maintained and cleaned laboratory equipment daily.
- Analyzed and recorded test data to issue reports using charts, graphs and narratives.
- Examined cells stained with dye to locate abnormalities.

Research Intern, Princeton Pharmaceuticals, Princeton, NJ Summer 2011

- Performed DNA extraction and gel electrophoresis.
- Collaborated to design and develop antibody-based molecules.
- Conducted protein expression analysis to support research findings.
- Assisted in developing and implementing analytical methods using biosensors technologies and immunoassays.

HOSPITAL EXPERIENCE

Emergency Room Volunteer, University Hospital, Princeton, NJ Summer 2010

- Observed and assisted physicians and nurses as they examined and interviewed patients.
- Evaluated situations to identify patients requiring immediate attention and informed supervisor.
- Provided empathy and support for patients and their families to comfort them.
- Performed clerical duties including filing and transferring phone calls.

LEADERSHIP EXPERIENCE

Residential College Advisor, Mathey College, Princeton University September 2011-present

- Advise 12 freshmen on academic and social issues to support their adjustment to college life.
- Plan and organize educational and social programs to develop a cohesive community on the floor.

Career Peer Advisor, Career Services, Princeton University September 2011-present

- Conduct resume and internship workshops and individual resume reviews at the residential colleges.
- Develop career educational programs for students.

SKILLS

- Laboratory: primary cell proliferation assays, cell/tissue culture, FACS, ELISA, lymphocyte isolation
- Computer: C, Java, Microsoft Office
- Language: Spanish

EXTRACURRICULAR ACTIVITIES

- Staff Writer, Daily Princetonian February 2011-present
- Princeton University Orchestra September 2010-present