

Education

Bren School of Environmental Science & Management, Santa Barbara, CA
Master of Environmental Science and Management, expected June 2017. GPA: 3.67/4

Wellesley College, Wellesley, MA
BA Biology, May 2015. *Cum laude*. Overall GPA: 3.67/4. Major GPA: 3.88

Work Experience

Scripps Institution of Oceanography, La Jolla, CA

NSF REU Intern, June-August 2014

- Under the direction of Dr. Tony Koslow, determined the sampling requirements for creating a long-term ecological monitoring program for fish communities (publication in press)
- Performed PCA and correlation analyses using SPSS
- Presented our research to students, faculty, and visiting scientists

Duke University Marine Lab, Beaufort, NC

NSF REU Intern, June-August 2013

- Under the direction of Dr. Tom Schultz, designed an experiment to determine if there was evidence of genetic population substructure in mako sharks on a global and local scale
- Performed DNA extraction, agarose gel electrophoresis, DNA sequencing, and next generation RAD sequencing
- Analyzed data using CodonCode Aligner, NETWORK, MEGA, Arlequin and DnaSP

Research Assistant for Professor Marianne Moore, Wellesley College, Wellesley, MA

February 2014-January 2015

- Maintain cultures of daphnia and algae, as well as prepared Lake Baikal seal teeth for analysis

Pforzheimer Learning and Teaching Center, Wellesley College, Wellesley, MA

Biology Department Tutor, September 2013-May 2015

- Recruited by the college to work as a biology tutor primarily for first and second year students
- Conduct weekly evening group study/review sessions (typically 10-15 students/session)
- Provided additional one-on-one tutoring for students referred directly by a biology professor
- Chosen by faculty as the Biostatistics course mentor for Spring 2014

Activities / Leadership

Biological Chemistry and Biology Club, Wellesley College, Wellesley, MA

Executive Board, Treasurer, Co-President, September 2012-May 2015

- Lead members in hosting on-campus lectures featuring leading researchers in the biological sciences, facilitate connections between students and faculty, promote interest in the sciences through club events, and inform students about ways they can pursue research opportunities
- Manage a \$1,900 account, communicate finances and budget events, apply for funding, and organize fundraisers

Science Club for Girls, Wellesley Chapter, Wellesley College, Wellesley, MA

Executive Board, Event Coordinator, January 2013-May 2014

- The SCFG's mission is to increase the self-confidence and literacy in science, technology, engineering, and mathematics of K-12th grade girls through free programs that include hands-on learning, mentorship, and leadership opportunities
- Founding member of this new local chapter of the SCFG, responsible for inaugural science night event hosted at the college in Spring 2014

Biology Department Student Representative, Wellesley College, Wellesley, MA

Fall September 2013-May 2015

- Provided student input in department decisions, work with faculty members to improve communication and collaboration between students and staff, and help organize and advertize department events

Wellesley Energy and Environmental Defense, Wellesley College, Wellesley, MA

Member, September 2011-May 2012

- Participated in planning and organizing events to bring awareness of environmental concerns to the forefront of campus life through lectures, screenings, and campus petitions

Regeneration Farm Club, Wellesley College, Wellesley, MA

Member, September 2011-May 2012

- Planted, grew and harvested vegetables on a community plot, organized events to connect local and student farmers, and sold produce to students and staff

Massachusetts Audubon Society, Broadmoor Wildlife Sanctuary, Natick, MA

Part Time Volunteer, September-December 2012

- Opened facilities, greeted visitors, managed admission and membership fees