

Alexandria L. Williams

26 S Water St, Apt 302
New Bedford, MA 02740
(203)390-9978
alexandria.williams@simmons.edu

Education: Master of Philosophy, Cell Biology, December 2015
Yale University, New Haven, CT

Bachelor of Science, Applied Biology, May 2013
Chemistry Minor
Rose-Hulman Institute of Technology, Terre Haute, IN
GPA: 3.80/4.00

Experience: Classroom Instructor and Tutor November 2017-present
Kaplan Test Prep

- Teach classes to assist current high schoolers with the SAT and ACT
- Resolve client concerns, especially with online resources
- Privately tutor students in SAT and ACT skills

Adjunct Professor Fall 2016-Spring 2017
Southern Connecticut State University, New Haven, CT
Biology Department

- Taught BIO100, a non-majors undergraduate biology lecture course
- Facilitated a BIO100 lab, to give students hands-on learning
- Taught BIO210, an advanced ecology course

Lead Instructor Summers 2016-2018
Yale Young Global Scholars, Yale University
Applied Science and Engineering; Biological and Biomedical Sciences;
Technology, Innovation, and Entrepreneurship; and Sustainable
Development and Social Entrepreneurship

- Taught for YYGS, a Yale-associated program for elite high school students
- Designed and facilitated several unique seminars on scientific topics of my choosing
- Aided students with a two week long literature research project
- Led discussion sections with students after faculty lectures

Teaching Fellow August-December 2015
Yale University
Fundamentals of Biology, BIOL101-102

- Guided students in discussing laboratory techniques and primary scientific literature
- Graded student assignments such as tests and quizzes

Operation Catapult lab assistant

Summer 2013

*Rose-Hulman Institute of Technology**Department of Biology & Biomedical Engineering*

- Assisted with Operation Catapult, a STEM outreach program for high school students at Rose-Hulman Institute of Technology
- Aided high school students in completing experiments involving crayfish microsurgery, acquiring and reading electrocardiograms, and extracting biofuels from green algae
- Taught students basic tenets of chemical and biological laboratory safety

Tutor and Supervisor

2010-2013

*Rose-Hulman Institute of Technology**Learning Center*

- Tutor students on campus who need help with core classes
- Supervise other workers during evening shifts
- Mentor incoming tutors during their first month of employment

Teaching assistant

Winter 2010

*Rose-Hulman Institute of Technology**BE100 (Problem Solving in Biological Sciences and Engineering)*

- Assisted with BE100, an introductory MATLAB programming course
- Assisted students with in-class work
- Graded homework, quizzes, and tests

Other experience:

- Tutor; Varsity, Catalyst, and Wyzant tutoring (January 2016-October 2017)
 - Tutored students online or face-to-face in various math and science fields
 - Edited and revised written documents
- Volunteer, Yale Peabody Museum of Natural History (New Haven, CT, September 2015-May 2017)
 - Engaged the public in the museum's Discovery Room, a hands-on room with live animals, drawers to rummage through, and more
 - Assisted Dr. Shusheng Hu in Paleobotany; helped sort the museum's extensive Carboniferous period plant fossil collection
 - Assisted at weekend museum events as needed
 - Participated in Peabody on the Road, a program brings a little piece of the museum to the public at schools and events