ISABEL D'ALESSANDRO

Contact
idalessa@wellesley.edu
978.884.7725

21 Wellesley College Road
Unit 1523, Wellesley MA 02481

EDUCATION

Wellesley College (2014-Present)   Wellesley, MA
Candidate for BA, May 2018
Major: Neuroscience, Minor: Computer Science
Saint Thomas Aquinas High School (2010-2014)   Dover, NH
Advanced College Preparatory Degree, Valedictorian

RESEARCH

Aug'16-Present **Research Assistant-Wellesley College Neuroscience Dept. (Wasserman Lab)** Wellesley, MA
Project: Sensory integration of thermal, visual, and olfactory stimuli by Drosophila inflight

Jun'16-Aug'16 **Summer Research Fellow- Harvard Medical School/Brigham and Women's Hospital** Boston, MA
(Quintana Lab)
Project: The role of Basigin as an actrocyte regulator in multiple sclerosis and EAE

Jan'15 -Present **Research Assistant- Wellesley College Neuroscience Dept. (Wiest Lab)** Wellesley, MA
Project: Role of medio-dorsal frontal and posterior parietal neurons during auditory detection
performance in rats

Dec'15-Feb'16 **Research Assistant- Massachusetts Institute of Technology(Fraenkel Lab)** Cambridge, MA
Project: Determining signatures of neurodegenerative diseases through
bioinformatic analysis of genetic and epigenetic data

Jun'15-Aug'15 **Summer Research Fellow - Princeton Neuroscience Institute (Murthy Lab)** Princeton, NJ
Project: The role of acoustic signal recognition in the control of Drosophila female behavior

WORK EXPERIENCE

Sept'14-Present **Science Club for Girls, *Mentor Scientist, Curriculum Developer*** Newton, MA
Lead weekly lessons for a class of 12 2nd-4th grade girls about human biology and chemistry
and direct interactive experiments; wrote and piloted a biochemistry curriculum in
Newton, to be taught at Science Club for Girls sites across the country starting in the spring

Aug'15-Present **Pforzheimer Learning and Teaching Center, *Academic Peer Tutor*** Wellesley, MA
Serve as a general peer academic advisor for a group of 153 students and provide particular
academic mentorship for first-year students; plan and deliver workshops throughout the year

ACTIVITIES AND LEADERSHIP

Wellesley College Neuroscience Club, *President*	2015-Present
Wellesley Science Club for Girls, *President, Mentor Scientist*	2014-Present
Partners in Health Engage, Education and *Community Building Lead*	2014-2017
Wellesley College Biochemistry Society	2014-2016

AWARDS

Wellesley College First Year Chemistry Award	2015
Buegeleisen Family MS Undergraduate Research Fellowship Recipient	2016

SKILLS/ ADDITIONAL INFORMATION

Technical: Proficient in Microsoft Word, Excel, PowerPoint. Working knowledge of Python, Java, JavaScript, R, Ruby, HTML/CSS, MATLAB, bash/command line
Language: Proficient in Spanish (speaking, reading, writing)