**Mary-Elizabeth Jobson**

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**Experience**

**NASA Space Life Sciences Lab, Intern** June- August 2018

Geochemical Habitability of Mars,

Hypobarophile Survival in Mars-like Environments, Contributing author

* Worked to develop growth curves of various hypobarophile recovered from NASA spacecrafts.
* Generated publication-worthy data and figures while maintaining lab supplies and bacterial strains.

**Student Researcher, University of Florida, Gainesville, FL.**  2016-2018

Anti-Inflammatory Activity of R9-SOCS1-KIR Peptide in Mammalian Cells: Implications for its Therapeutic Potential in Treatment of Uveitis

* Worked individually to maintain mammalian cell lines and perform immunohistochemical and genetic tests.
* Studied implications of human clinical trials of this therapeutic peptide and its potential of advancement in medical treatments of this disease.

**Medicine, Microbiology, and Health Study Abroad Program** 2018

* Traveled to 5 European countries to learn more about different cultural perspectives on microbiology.
* Gained diverse experience by participating in unique tours and activities not given to the general public.

**Teaching Assistant, Microbiology Laboratory**. University of Florida, Gainesville, FL Fall 2017, 2018

* Lead students through lab procedures
* Administer assignments and exams
* Maintain equipment and prepare supplies for lab

**Online ESL teacher**. Qkids, Beijing, China September 2016-present

* Teach children ages 3 to 14 conversation English.
* Prepare lesson plans and supplementary content that accommodates the level of each student.

**Education**

**Bachelor of Science.** College of Liberal Arts and Sciences, University of Florida. Gainesville, FL 2015-present

*Microbiology and Cell Science*

**Skills**

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| Research writing **•** Science Youth Outreach **•** Excel **•** Data Analysis **•** Bioinformatics **•** Genetic Analysis Word **•** Python Programming **•** Social Media Promotion **•** Lab supply and log management **•** Immunohistochemical procedures **•** Cell Culture |

**Certifications and Awards**

NASW Travel Fellow 2018

Florida Space Grant Consortium scholarship winner 2018

LEADS Certifications 2017

TEFL Certification 2016

**Leadership Positions**

**Academic Chair.** Alpha Phi Omega Service Fraternity, University of Florida. Spring 2018

**Service Vice President.** Alpha Phi Omega Service Fraternity, University of Florida. Spring 2016

**Secretary.** Gator Advocates for Melanoma Awareness. University of Florida. Spring 2016-present

**Community Service**

**Science Fair Judge**. Alachua County Regional Science Fair 2016-present

**Tutor**. Alachua County Boys and Girls Club, Gainesville, Fl. 2016 - present

**Volunteer**. Habitat for Humanity, Gainesville, Fl. 2016 - 2018

**Volunteer**. Alachua County Humane Society, Gainesville, Fl. 2016 - 2018