

Mildred Monsivais

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Irvine, CA

Projects Website

<https://mmonsiva1234.github.io/>

GitHub Website

<https://github.com/mmonsiva1234>

LinkedIn

<http://www.linkedin.com/in/mildredmonsivais>

EDUCATION

University of California, Irvine

Major, Bachelor of Science in **Biology**

Minor, Bachelor of Arts in **Psychological Science**

Anticipated Graduation: June 2021

RELEVANT COURSEWORK

Molecular Biology Lab

Biochemistry

Molecular Biology

Clinical Neuroscience

Human Physiology

Organic Chemistry

Genetics

Abnormal Psychology

SKILLS

Computer: Python (Pandas, Matplotlib), Microsoft Word, Excel, Microsoft PowerPoint, Google Sheets, Spartan Software, Odyssey Software.

Soft Skills: Team Oriented Thinker, Problem Solver, Strong Communication Skills, Quick Adaptability.

Language: Fluent English both verbal and written; Fluent Spanish both verbal and written.

EXPERIENCE

Summer undergraduate research program, UCI

Irvine, CA (Jul 2020 - Present)

- Awarded funding to conduct a research project on the role of gut brain axis in self-administration morphine in rats.
- Analyzed microbial dysbiosis and MRI acquisition, will determine the relationship between brain and gut changes due to morphine self-administration in rats.
- Performed fecal DNA extraction using the QIAamp Fast DNA stool kit and trained rats on self-administer morphine.

Student Lab Researcher, Dr. Colon-Perez

Irvine, CA (Jan 2020 - Present)

- Assisted and maintained a day to day functioning of the lab, including collecting and maintaining data for a self-administration of opiate usage in a laboratory setting.
- Become familiar with behavior testing of rats under IACUC regulation and acquisition of MRI data routine in lab.
- Learned how to code in MED-PC and created 4 programs for shaping experiments on rats.

Analytical Science Intern, PFEnex

San Diego, CA (Jun 2020 – Sep 2020)

- Revoked due to COVID-19 for a summer internship program.

Research Intern, Parkinson's Association of San Diego

San Diego, CA (Jun 2019 –Jan 2020)

- Researched and identified opportunities for federal, state, local government entities, corporate funding and individual planning to maximize donations.
- Facilitated the Marketing and Development Director with research, development and distributed informational materials via marketing emails, and brochures.
- Assisted with management of Excel databases to maintain clean data sets by inputting donation values of each contributor to keep track of where the funding was coming from.