

Alex Anteater

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Education

University of California, Irvine

June 20##

Bachelor of Science, Pharmaceutical Sciences

GPA: 3.75; Dean's Honor List five quarters

Research Interests

Cancer, degenerative diseases, osteoporosis, diabetes and immunology.

Research Experience

Albrecht Lab, UCI

September 20##-Present

Undergraduate Researcher

- First student a part of the Albrecht lab in the Department of Pharmaceutical Sciences focusing on protein methylation as a form of targeted protein degradation in various diseases such as kidney disease, cancer, and osteoporosis.
- Interviewed incoming students for the lab, presented research in front of peers in the lab, organized research in Keynote, taught eleven students how to process and analyze microscope images in FIJI, assisted Dr. Albrecht in writing a review, and performed lab tasks.

Lab Skills Certifications:

University of California Learning Center modules: Hazardous Materials Incidents Emergency Procedures Training, Bloodborne Pathogens, and Safety Training Self-Assessment.

Equipment:

Cell culture biosafety cabinet, incubator, confocal microscope, centrifuge, liquid nitrogen tank, inverted microscope, autoclave, and refrigerator/freezer.

Procedures:

Cell subculturing/passaging, bacteria culturing, processing and quantifying images through Fiji, maintaining LB broth for bacteria, 70% ethanol, making and pouring SDS-PAGE gels, performing MTT assays, analyzing cytotoxicity of drugs on cell lines, performing PCR, prepping keynotes, running western blots, and performing maxi, midi, and mini preps.

Teaching

Pharmaceutical Sciences 1, UCI

April 20##-Present

Seminar Assistant

- Manage course Canvas page, grade assignments for over 100 students, attend weekly meetings, edit presentation slides, submitting attendance, manage assignment due dates and rubrics, and edit class syllabus.
- Spoke to the entire class about time management, study habits, and organizational skills.

Pharmaceutical Sciences Catalyst, UCI

August 20##-Present

Co-Teacher

- Organize class meeting time, enroll students in class, create presentations for each class, edit class syllabus each year, contact alumni and professors for a Pharmaceutical Sciences alumni panel, and take attendance.

- Advise first generation, low-income, minority students on being a first-year undergraduate at UCI. Topics include resources available, study strategies, 4-year plan organization, resume help, Pharmaceutical Sciences alumni panel, summer school, financial aid, and scholarships.

Work Experience

UCI Division of Career Pathways

September 20##-Present

Customer Service Assistant Lead

- Received a promotion after nine months of employment to Lead which entails handling customer service issues, working with the marketing team to market our career fairs, updating documents, managing jobs and employers on Handshake, managing the front desk, organizing data on event attendance on a spreadsheet, and basic office tasks.

UCI Anteatory Dining Hall

November 20##-March 20##

Student Employee

- Bussing tables, cleaning dishes, cashiering, serving food, and training new employees.

Achievements

Undergraduate Research Opportunities Program

May 20##

Project Pitch Challenge Finalist

- Submitted abstract for consideration to attend a research symposium and asked to then submit a video presentation of my research to decide finalists.
- Showcased, as a finalist, a poster with research findings for a poster session for faculty and professors and poster was presented in the office for a few months.
- Presented research in front of judges, faculty, and other students as one of eight finalists being considered to win a stipend for research.

Undergraduate Research Opportunities Program

December 20##

Fall Grant Fellow

- Applied and won a research grant to fund my research, turning in a research proposal that included a budget, research plan, and personal statement.

School of Pharmacy and Pharmaceutical Sciences

September 20##

Highlighted for Hispanic Heritage Month

- Recommended by academic advisors to highlight experience being a hispanic student pursuing a higher education.

City of Los Angeles City Council

October 20##

Recognized by Council as A Female in STEM

- Recommended by high school chemistry teacher to be recognized by city council as a female pursuing a STEM career.

Language Proficiencies

Spanish: Reading, writing, and speaking knowledge (native language proficiency)

Conferences

Randy Lewis All-University Leadership Conference, UCI

October 20##

Sponsored by UCI Division of Career Pathways

- Sponsored by my workplace to attend a leadership conference with other students, deans, administrators and faculty of UCI.
- Attended programs about being a leader in the community, networking, honing leadership skills, and discussing important issues in regards to the University.