

## **Javier Aguilar**

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### **Objective**

Motivated and detail-oriented Human Biology student at the University of California, San Diego seeking research and clinical experience in healthcare, with a strong interest in cancer research and patient care.

### **Education**

University of California, San Diego (UCSD) — La Jolla, CA

Bachelor of Science in Human Biology

Expected Graduation: June 2027

September 2023 – Present

### **Skills**

- Laboratory Skills: Pipetting, cell culturing, centrifuge use, sterile technique
- Data & Technology: Microsoft Excel (data entry, formulas, spreadsheets, inventory tracking)
- Languages: Fluent in English and Spanish
- Customer Service: Strong communication, professionalism, patient interaction

### **Research & Clinical Experience**

#### **Undergraduate Researcher**

Zid Lab, UC San Diego — January 2024 – June 2024

- Conducted observational research on mRNA localization and gene expression under cellular stress
- Assisted with bacterial growth analysis and cell culturing procedures
- Interpreted experimental imaging data alongside faculty and peers
- Collaborated in a 4-student research team to ensure efficient workflow and data accuracy

#### **Medical Shadowing — Family Medicine**

Dr. Adan Romero, MD — Compton, CA — June 2024 – August 2024

- Observed patient care in a high-volume family medicine clinical setting

- Gained exposure to physician workflow, patient documentation, and time management
- Developed professional communication skills through patient interaction and observation
- Gained insight into the role and responsibilities of a full-time medical doctor

## **Projects**

### **Bacterial Ointment Growth Study (BILD 4 Project)**

- Designed and tested the effects of various ointments on bacterial growth rates
- Brainstormed and refined experimental procedures for improved accuracy
- Emphasized controlled testing, sustainability, and iterative improvement

## **Relevant Coursework**

BILD 4: Introduction to Biology Laboratory

BILD 1–3: Biology Lower Division Series

CHEM 6A–6C: General Chemistry Series