

Robyn “Rob” Ryan

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EDUCATION

Bachelor of Science in **Biotechnology**
University of California, Davis

Anticipated Graduation Date: June 2026

RELEVANT COURSEWORK

Cell Biology, Genes and Gene Expression, Introductory Microbiology (Lab), Sequence Analysis in Molecular Genetics (Lab), Applied Bioinformatics, Organic Chemistry (Lab), Advanced Molecular Biology

SKILLS

Laboratory: SDS-PAGE, PCR, ELISA, Gas chromatography, UV/VIS, Spectrophotometry, Microscopy, Western Blot, Pipetting, Buffer preparation

Language: Fully fluent both orally and written in English and Spanish

Computer: Microsoft Office, Google Workspace, Python

RELEVANT EXPERIENCE

Clinical Pathology Intern, Department of Pathology and Laboratory Medicine, UC Davis Health, 5/24-9/24

- Developed a buffer system for liquid chromatographic isolation of pesticide metabolites in urine samples
- Evaluated patients using a urinalysis to determine glucose levels and diagnose for potential diabetes
- Accurately performed gas chromatography-mass spectrometry on purified newborn samples to screen for genetic metabolic disorders
- Fostered a welcoming environment for patients by actively listening and providing emotional comfort
- Trained newer interns on performing a urinalysis, clearly explain each step to ensure their understanding
- Analyzed data in Excel and presented a powerpoint to the rest of the lab, pointing out surprising findings

Public Health Intern, Davis Community Meals and Housing Davis, CA, 9/23-3/24

- Organized and distributed supplies and donations, including food and clothing, at a transitional emergency shelter to aid individuals experiencing homelessness
- Interacted with shelter users of various ages and backgrounds through active listening and diverse communication styles to create a welcoming and safe environment

WORK EXPERIENCE

Team Lead, Raising Cane’s, Davis, CA, 6/22-9/22, 6/23-9/23

- Performed cashiering duties and maintained clear communication with coworkers to efficiently handle a high volume of customers each day
- Proposed new method of packaging orders which reduced customer wait time by approximately 50%
- Demonstrated leadership and team management skills by taking initiative, leading to promotion to Team Lead after 60 days of joining

DISTINCTIONS

UC Davis Men’s Division 1 Water Polo team, 9/22-present

- Captain 8/23-present
- Western Water Polo Association Champions 2023
- Academic Student-Athlete Award 2022-2023, 2023-2024