**Position Title:** Lab Assistant

**Number of positions available:** 2

**Deadline to apply: Friday, Nov 6**

**How to apply:** Submit resume and cover letter to PATHS Associate Director, Emme Domingo, edomingo@ucsd.edu

**Program:** PATHS Research Methodology and Training Lab
**Reports to:** Emmeline Domingo, PATHS Associate Director & Dr. Eduardo Fricovsky, RMTL Faculty Director
**Location:** Skaggs School of Pharmacy
**Hours:** 10-15 hours a week, variable, Winter & Spring 2027 quarters only
**Compensation:** $19.30/hr
**Start date:** Dec 14, 2026

## Position Summary

We are seeking 2 motivated and skilled undergraduate students (who have previously completed RMTL) to be **Lab Assistants** to support the delivery of our 40-hour research skills Lab Assistant Certification Program. The Lab Assistant will play a critical role in supporting student scheduling, supervising laboratory activities, and mentoring trainees as they complete advanced scientific research modules. This position is ideal for individuals who have successfully completed the initial RMTL training certification and have demonstrated mastery of core research techniques and scientific concepts.

## Key Responsibilities

- **Scheduling & Logistics**
    - Assist in scheduling students for hands-on lab sessions and ensuring lab space and materials are prepared.
    - Track student attendance and progress toward completion of the 40-hour certification.
    - Coordinate lab access and communicate timely key updates with students and staff.

- **Supervision & Mentorship**
    - Provide peer supervision to students during lab activities and uphold lab safety protocols.
    - Offer guidance and mentorship to students on mastering research techniques and applying theoretical knowledge.

Provide feedback on student performance and escalate issues to supervising faculty or staff as needed.

- **Technical Support**
    - Assist with setup, execution, and breakdown of experiments involving techniques such as:
        - Pipetting, weighing, and pH measurement
        - Calculations, conversions, molarity, and dilutions
        - Buffer and solution preparation
        - Centrifugation, Bradford assays, ion exchange chromatography
        - Protein purification and gel electrophoresis
        - Spectrophotometry and enzyme kinetics
        - Natural product assays and enzyme inhibition studies
    - Support students in data collection, analysis, and presentation.

## Qualifications

- Successful completion of the 40-hour RMTL Certification.
- Minimum 2.5 GPA
- Demonstrated proficiency in core techniques listed above.
- Strong organizational and time-management skills.
- Excellent interpersonal and communication abilities, with a collaborative and supportive attitude.
- Experience mentoring or teaching peers is highly desirable.
- Ability to follow safety and research protocols with a high level of attention to detail.