

KAVYA TALLAPAKA

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EDUCATION

University of California San Diego
Bachelor of Science in
Biochemistry and Cell Biology
Sep 2015 – Dec 2018

SKILLS

PCR • Gel Electrophoresis • Cell Culture • Immunofluorescence • Western Blots • ELISA • ImageJ • Microsoft Office • MATLAB

HONORS AND AWARDS

2017: UC San Diego Chancellor's Research Summer Undergraduate Research Award for Science and Engineering
2016: Eleanor Roosevelt College Sophomore Honors
2015: Provost Honors

CONFERENCES

2017: UCSD Summer Research Conference
2019: Stanford Research Conference

PUBLICATIONS

JCI Insight | Second author
Blondelle, Jordan, et al. "Cullin-3-Dependent Deregulation of ACTN1 Represents a Pathogenic Mechanism in Nematode Myopathy." JCI Insight, vol. 4, no. 10, 2019, doi:10.1172/jci.insight.125665.

EXPERIENCE

STANFORD UNIVERSITY | COMET FELLOW

Jun 2019 – Present | Palo Alto, CA

- Assists Family Medicine physicians by acting as a medical scribe to create completed SOAP notes.

HEALTHY BODIES, HEALTHY LIVES | MEDICAL SCRIBE

Feb 2019 – May 2019 | San Diego, CA

- Assisted an Internal Medicine physician by acting as a medical scribe, rooming patients, organizing faxes/charts.

ST. JOSEPH HOSPITAL | COPE HEALTH SCHOLAR

Feb 2019 – May 2019 | Orange, CA

- Earned UCLA Certificate by assisting the clinical care team with patient care tasks such as bathing, feeding, ambulating, etc.
- Rotated through 6 departments: Pulmonary Renal, Medical Telemetry, Observation, Mother Baby Unit, Orthopedics, Medical Intensive Care Unit.

HEALING HEARTS ACROSS BORDERS | VOLUNTEER

Nov 2017 – May 2019 | Tijuana, Mexico

- Volunteered with Healing Hearts Across Borders monthly to set up a free clinic in a homeless shelter, help take vitals, organize medications and fill prescriptions while shadowing medical professionals.

STEPHAN LANGE LABORATORY | RESEARCHER

May 2016 – May 2019 | San Diego, CA

- Research project: The role of cullin-3 mediated protein turnover in skeletal muscles.
- Performed biochemistry and cell biology techniques. Analyzed data that has been presented at international conferences.

VA SAN DIEGO HEALTHCARE SYSTEM | MRI DEPARTMENT VOLUNTEER

Mar 2016 – May 2019 | San Diego, CA

- Volunteered weekly to successfully screen and prepare patients for their MRI while actively learning about MRI protocols, assisting technicians and shadowing radiologists.

THE PREUSS SCHOOL UCSD | CHEMISTRY TUTOR

Sep 2016 – Dec 2016 | San Diego, CA

- Tutored grade 10 advanced chemistry and pre-calculus biweekly by explaining concepts, solving examples and answering questions.
- Assisted the teacher during class with managing students and grading assignments.
- Created a chemistry review card game for two chapters (Atoms and Molecules; Nuclear Chemistry).

BGS GLOBAL HOSPITAL | OBSERVER

May 2015 – Present | Bangalore, India

- Shadowed physicians during rounds and observed surgeries/procedures in various departments: Neurosurgery, General Surgery, Pathology, Radiology, ICU, Gastroenterology, Emergency Medicine.

ANSA RESEARCH FOUNDATION | RESEARCH INTERN

Jul 2016 | Bangalore, India

- Assisted researchers working on mesenchymal stem cell research pertaining to neurological disorders.

WASHINGTON HOSPITAL | LOBBY DESK VOLUNTEER

May 2015 – Present | Fremont, CA

- Staffs the reception front desk, coordinates new patient and visitor entries to the hospital, helps discharge patients, makes deliveries to patients and provides training for new volunteers.

STUDENT ORGANIZATIONS

INDIAN STUDENTS ASSOCIATION UCSD | DIRECTOR OF SERVICES

Oct 2017 – Jun 2019 | San Diego, CA

- Helped execute large scale events (500+ attendees) and set up programs (example: mentor-mentee program) to engage students interested in South Asian culture in giving back to the community.

ALPHA EPSILON DELTA UCSD (PRE-HEALTH HONOR SOCIETY) | NATIONAL MEMBER AND VICE PRESIDENT

Jan 2016 – Jun 2019 | San Diego, CA

- *Vice President (2018-19)*: oversaw board of 20 students, meetings with over 200 general members and events. Coordinator for trips with Healing Hearts Across Borders to Tijuana to set up free clinics.
- *Publicity intern: (2017-2018)*: effectively publicized the organization to increase event turnout and improve member retention.
- *Event coordination sub-committee member (2016-2017)*: organized networking opportunities with healthcare professionals for students.

MULTIPLE ORGANIZATIONS | PEER MENTOR

Jul 2016 – Jun 2019 | San Diego, CA

- *The Preuss School UCSD Mentor Program (2017-2019)*: Mentor to an underserved ninth grader by informed her about opportunities in the STEM field while assisting her with her coursework.
- *Global Ambassador Program (2016-2019)*: Mentor to eight incoming international freshmen.
- *HMP3 Peer Mentor Program (2016-2017)*: Mentor to two pre-health freshmen.
- *BSSA Peer Mentor Program (2016-2017)*: Mentor to a freshman Biochemistry and Cell Biology major. Overall, sought to help mentees in any way possible by providing important information learned from personal experiences and acted as a go-to resource for them to help them acclimate and succeed in their academic careers.