

# AMANDA SIRISOMA

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## EDUCATION

### UNIVERSITY OF CALIFORNIA, LOS ANGELES

B.S. in Physiological Science, Minor in Food Studies, *Expected June 2023*

GPA: 3.89

### MURRIETA VALLEY HIGH SCHOOL

*High School Diploma, International Baccalaureate Diploma, June 2019*

GPA: 4.3

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## EXPERIENCE

### HARBOR UCLA MEDICAL CENTER

Torrance, CA

#### Orthopedic Research Scholar

Oct 2020 - Present

- Communicating directly with surgery patients in trauma, foot/ankle, and sports clinics to collect post-operative treatment outcome survey data, often communicating and translating questions for native Spanish speakers
- Explaining consent forms and enrolling pre-operative patients in an IRB-approved clinical study measuring the quality of care between face-to-face and augmented reality telehealth platforms
- Shadowing attending physicians, residents, medical students, and nursing staff within the trauma, sports, and foot/ankle clinics to gain a better understanding of day-to-day activities

### UCLA EDGERTON NEUROMUSCULAR RESEARCH LABORATORY

Los Angeles, CA

#### Undergraduate Research Assistant

Jan 2022 - Present

- Stimulating the spinal nerves of paraplegic patients with non-invasive electrodes to gradually regain voluntary walking movements
- Assisting in muscle training exercises such as sit-to-stands, zero gravity, and treadmill routines

### UCSD SHTRAHMAN PILOCARPINE LABORATORY

San Diego, CA

#### Virtual Lab Assistant

Sept 2020 - Present

- Identifying the role of dentate gyrus inhibitory neurons within the hippocampus of epileptic mice in chronic medial temporal lobe epilepsy
- Analyzing digital and visual data with Fiji (ImageJ) to conduct cell counts of differentiating hippocampal neurons

## EXPERIENCE *continued*

MANNMUKTI CHAPTER OF UCLA  
Communications Director; Research Committee Chair  
Communications Director (starting June 2022)

Los Angeles, CA  
Sept 2020 – Present

- Encouraging healthy, open dialogue of South Asian mental health issues to remove stigma, improve awareness, and promote self-care within the community
- Conducting a campus needs assessment, analyzing qualitative survey data and formulating a comprehensive report to be circulated to UCLA-affiliated organizations

UCLA PRE-MED COMMUNITY  
Vice President; Peer Mentor  
Club President (starting June 2022)

Los Angeles, CA  
Sept 2020 – Present

- Advising underclassmen about academic curriculum, research opportunities, and time management skills through the internal peer mentorship program I founded
- Creating a non-competitive space for pre-medical undergraduates by disseminating information on virtual academic resources, financial support, and peer connections
- Leading all-board meeting agendas and brainstorming new avenues for club collaborations with executive board members

SPORTS MEDICINE CLUB AT UCLA  
Vice President and Publicity Chair  
Club President (starting June 2022)

Los Angeles, CA  
Oct 2019 – Present

- Organizing and participating in ankle, shoulder, knee, and hip injury evaluation workshops while learning from professional guest speakers in areas of sports medicine
- Advocating for sports medicine career pathways and sports injury prevention by promoting the club through weekly flyers and social media posts
- Providing academic guidance to and helping create an interactive, supportive environment for younger members

STUDENTSPHERE TUTORING  
Volunteer Math and Science Tutor

Los Angeles, CA  
Jun 2020 – Apr 2021

- Creating worksheets and practice quizzes to facilitate lessons
- Leading weekly interactive lessons one-on-one for middle schoolers in the greater Los Angeles area
- Adjusting to each student's individual needs and goals for lessons and explaining concepts step-by-step

UCLA SPORTS MEDICINE INTERNSHIP PROGRAM  
Student Athletic Trainer

Los Angeles, CA  
Sept 2020 – Apr 2021

- Program provides hands-on exposure to sports medicine, physical therapy, and orthopedics as interns work with various collegiate athletic teams, professional athletic trainers, physicians, and physical therapists over a three-year period
- Learning hands-on medical treatments through skills workshops
- Collaborating with fellow interns to present group presentations and networking with athletic trainers and other professionals