

Evelyn Tsang

Phone (360)787-5865 // **Personal:** ewtsang.home@gmail.com // **School:** ewtsang@UCSB.edu // [Linkedin](#)

Last Updated: 5/22/2025

Education

Sept 2022 - Present

University of California, Santa Barbara

Bachelor of Science, Environmental Studies (Projected June 2026)

Awards and Fellowships

Feb 2023 - Present

National Science Foundation: Field-Based Undergraduate Engagement through Research, Teaching, and Education (FUERTE)

Research Experience

May 2024 - Present

Young Lab, Undergraduate Researcher

PI: Dr. Hillary Young

Project Involvement:

- Working with Dr. Hillary Young on a snow microplastic analysis project in the Eastern Sierra Nevada mountains – How winter sports contribute to plastic pollution.
- Developed methods and preliminary procedure for microplastic extraction from collected snow samples

May 2024 - Oct 2024

DECOMP Lab, Undergraduate Researcher

PI: Dr. Jennifer King, German Silva

Project Involvement:

- Worked with PhD Student, Germán Silva on “Researching Wetland Plant Dynamics and Disturbance Response in a Changing Environment”, examining how pickleweed plants can be used as environmental indicators.
- Participated in on-site field research and sampling at UCSB’s North Campus Open Space and campus greenhouse.
- Helped develop protocol and perform data collection for pickleweed sample prep, anthocyanin extraction, chlorophyll extraction, and soil EC measurements.

Dec 2023 - Present

Keller Lab, Undergraduate Researcher

PI: Becca Reynolds

Project Involvement

- Worked with PhD Student, Becca Reynolds on the "People, Plastics, and PFAS" project. Funded by AS Coastal Fund.
- Engaged with the community to determine how plastic litter is spatially distributed across an urban watershed, and what the categorical and chemical composition of plastic litter.
- Compared the composition of microplastics and PFAS across treated and untreated surface waters VS. shallow urban groundwater to reveal microplastic and PFAS transport pathways and sinks.

Sept 2023

FUERTE Summer Research, Undergraduate Researcher

PI: Dr. Gretchen Hofmann

Project Involvement

- Field Research Methods + Data Collection/Sampling

Presentations

Sept 2023	With Collaborators: Andy Estrada and Sanjana Sujeet, " <i>The Plastics: An Evaluation on Plastics Found in Eastern Sierra Lake Environments</i> " FUERTE Fellows Summer Project Presentation at the Sierra Nevada Aquatic Research Laboratory (SNARL)
Feb 2024	With Becca Reynolds, " <i>People, Plastics, and PFAS: Determining the mass and composition of plastics and PFAS in an urban coastal watershed</i> " Coastal Fund Grant Presentation
April 2024	With Sanjana Sujeet: " <i>An Evaluation on Plastics Found in California Eastern Sierra Lake Environments</i> " at the EEMB Undergraduate Research Symposium

Leadership and Outreach

July 2024 - Present	UVSA SoCal Tết Festival Marketing Director , <i>Union of Vietnamese Student Associations of Southern California</i> . <ul style="list-style-type: none">• Headed the 2025 Marketing Team (10 people) for the largest student-run Tết Festival (30,000+ Attendees) in the nation.• Managed a marketing budget of \$26,000+ to target festival audiences, researching outlets and collecting audience data in order to enhance sponsorship activations.• Coordinated communication and contracted with 30+ external organizations (Wells Fargo, Kaiser Permanente, Los Angeles Angels, and more) resulting in \$168,000+ in sponsorship and in-kind trades.• Developed contracts and press releases and managed all promotional information including in-person events, creation of promotional flyers, social media management, and through the official website.
Jan 2023 - Dec 2023	Informal Science Educator , Research Experience and Education Facility (REEF) <ul style="list-style-type: none">• Involvement with the Marine Science Institute at UCSB's Oceans-to-Classrooms (O2C) education and outreach program.• Educator for Pre-K to adult ages, assisting with various activities.• Handling of marine invertebrates, aquarist tasks, and general husbandry operations within the facility.

Relevant Skills and Courses

SKILLS

- Science Communications
- Microscope Operation
- R Studio Basics
- Fieldwork
- Handling of Marine invertebrates
- Marine animal husbandry
- General aquarist tasks
- Proficient in ...
 - Google Applications
 - Microsoft Applications
 - ArcGIS Software
 - R Studio Programming

COURSEWORK

Sept 2022 - June 2023	UCSB Chemistry and Chemistry Lab Series
Jan 2023 - Jan 2023	MSI Oceans-to-Classrooms (O2C) Education and Outreach Modules
Sept 2023	Beginners R Studio Workshop taught by Dr. Chris Jerde
Sept 2023	Methods and Tools for Field Research – Sierra Nevada Aquatic Research Lab
Fall 2023	Earth 130: Climate and Society taught by Dr. David Lea
Sept 2023 - Aug 2024	UCSB Biology and Biology Lab Series
Sept 2023 - Dec 2024	UCSB Ecology and Evolution
June 2024 - Present	UCSB Physics and Physics Lab Series

Service

Aug 2024 - Apr 2025

May 2023 - June 2024

Public Relations Chair, UCSB Vietnamese Student Organization
Working in a team to manage social media, and create graphics for all VSA events and opportunities.

Spring 2023

VOICE Publicity Coordinator, Vietnamese Outreach Initiative for College Education
Helped plan and run VOICE, UCSB VSA's annual youth conference outreach program created to combat the socioeconomic barriers to post-secondary education for low-income, underrepresented, and/or first generation high school students

Certifications and Memberships

Grants in support of Research

Spring - Summer 2024	Santa Barbara Coastal Fund
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Employment History
