

# Evan Sang

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## EDUCATION

University of California, Los Angeles

Spring 2026

*Statistics and Data Science, B.S.*

*Computational and Systems Biology, B.S.*

GPA: 3.8/4.0 | Relevant course work: Probability, Mathematical Statistics, Monte Carlo Methods

## RESEARCH

**Research Assistant** — *Collier Lab, UCLA*

January 2024 - Present

*Differential Expression in Quiescent and Proliferating Cancer Cells*

- Utilize cluster computing to process ATAC-seq data from raw reads with PEPATAC pipeline
- Conduct gene annotation and differential expression analysis in R

**Research Intern** — *Clinical and Translational Epidemiology Unit, MGH*

June 2023 – August 2024

*Assessment of Lateral Gene Transfer and Dietary Intake in IBD*

- Evaluate relationship between IBD, diet, and LGT in gut metagenomes through network modeling
- Review literature for metagenomic datasets and perform data harmonization

**Research Assistant** — *DEXTER Lab, University of South Florida*

August 2020 – June 2023

*Gene-Environment Interaction in Borderline Personality Disorder*

- Implement Bayesian hierarchical models to determine gene-environment interaction in BPD
- Prepare data for analysis and conduct missing value imputation

## WORK EXPERIENCE

**Board of Directors** — *Associated Students UCLA*

June 2024 - Present

- Abide by fiduciary duty as a voting Board member of ASUCLA, a 501(c)(3) nonprofit
- Set organizational priorities that uphold community values of equity, inclusion, and accessibility

**EDI Student Advisory Board** — *Division of Physical Sciences, UCLA*

September 2023 - June 2024

- Design and administer student survey to gauge accessibility and student experience
- Advise UCLA's Physical Sciences EDI Board on student perspectives

**Dental Kit Supervisor** — *Associated Students UCLA*

August 2022 - June 2024

- Coordinate organization and construction of dental kits for UCLA's dental school
- Conduct purchase orders and maintain dental inventory

## SKILLS

**Programming languages:** R, Bash, Python

**Computer software/frameworks:** Microsoft Office, LaTeX