

Janelle Mande

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About Me

A highly curious and motivated individual who works efficiently individually and in collaborative groups.

Education

California State University, Stanislaus

B.S. IN BIOLOGICAL SCIENCES

- GPA: 3.90/4.00, Minors in Chemistry and Sociology

Turlock, CA

Expected Spring 2024

STEM Outreach

California State University, Stanislaus

SUPPLEMENTAL INSTRUCTION LEADER

- Facilitated tri-weekly discussion and review sessions in human anatomy, and general and organic chemistry, tailoring lesson plans and materials to enhance student success
- Cultivated an inclusive and supportive learning environment, guiding students through additional practice problems and engaging group activities for three one-hour sessions per week

Turlock, CA

January 2022-Present

California State University, Stanislaus

PEER TUTOR

- Facilitated one-on-one or group sessions in human anatomy, biochemistry for nurses, general and organic chemistry, general biology, and cellular/molecular biology
- Deconstructed difficult topics in a step-by-step basis, such as blood flow of the heart, stoichiometry, and gene expression

Turlock, CA

November 2022-Present

California State University, Stanislaus

STEM AMBASSADOR INTERNSHIP

- Created and delivered biology lessons to over 400 elementary school students within underserved communities in California's Central Valley
- Cultivated effective science communication skills, demystifying complex topics, by instructing 3rd graders in topics like the anatomy of a neuron, neuronal signal propagation, and cell-to-cell communication

Turlock, CA

March 2023-May 2023

Research

California State University, San Marcos

UNDERGRADUATE RESEARCHER

- Investigated the role of transcription on DNA repeat large-scale contractions
- Investigated the role of DNA repair on DNA repeat large-scale contractions

San Marcos, CA

June 2023-August 2023

California State University, San Marcos

UNDERGRADUATE RESEARCHER

- Utilized bioinformatics to confirm the analysis of a potential novel genome
- Acquired skills in genome assembly and genome annotations

San Marcos, CA

June 2023-August 2023

Projects

36th Annual CSU Biotechnology Symposium

POSTER PRESENTER

- Presented on the poster: Investigating the role of transcription on DNA repeat large-scale contractions

Santa Clara, CA

January 2024

California State University, San Marcos

RESEARCH EXPERIENCE FOR UNDERGRADUATES 2023

- Presented on the poster: Investigating the role of transcription on DNA repeat large-scale contractions

San Marcos, CA

June 2023-August 2023