



Nathaniel Davies

UNDERGRADUATE RESEARCHER

California State University, Stanislaus

□ +1 (209) 410-3871 | □ nathanielpdavies@gmail.com | □ nathanielpdavies

About Me

- I am a future Ph.D applicant
- My research interests include cellular and molecular biology, and human physiology
- I have extensive experience in laboratory research as an undergraduate research team leader

Education

California State University, Stanislaus

Turlock, California

B.S IN BIOLOGICAL SCIENCES

2024

- Concentration: Molecular, Cellular, and Microbiology
- Course Work In: Anatomy, Physiology, Endocrinology, Microbiology, Histology, and Bioinformatics
- GPA: 4.0
- Research Project: Synthetic Approaches Towards A Marine Natural Product, Anomoian B
- Research Advisor: Dr. Nhu-Y Stessman

Work Experience

California State University, Stanislaus

UNDERGRADUATE RESEARCH TEAM LEADER

11/2022-present

- Planning chemical reactions
- Analyzing results using NMR Spectrometry, IR, Mass Spectroscopy, and HPLC
- Scientific Writing
- Grant Writing

Canal Veterinary Hospital

VETERINARY NURSE

02/2020-01/2023

- Scribing for doctors
- Assisting veterinarians and vet technicians
- Venipuncture Techniques
- Administering IV, IM, and subcutaneous injections
- Preparing and reading microscope slides
- Running laboratory tests

Westside Ministries

DANCE INSTRUCTOR

05/2017-10/2019

- Teaching young children and teenagers ballet, flags, and tambourines
- Creating lesson plans for each semester
- Evaluating the unique qualities and abilities of each student
- Choreographing dances for performances
- Attending weekly teacher meetings

Honors

2024

STUDENT RESEARCH COMPETITION

California State University, Stanislaus

- 1st place for the oral presentation competition in the Biological Sciences

2023-2024

ASPIRE GRANT

- Awarded ASPIRE Grant to continue my research in novel antibiotic synthesis

*California State University, Stanislaus***2022-2023**

COAST GRANT

- Awarded COAST Grant to begin my research in novel antibiotic synthesis

California State University, Stanislaus