

# Sofia Amaral

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## Skills

- Clear communicator
- Proficient in Microsoft Office
- Aseptic technique
- Microbial culturing
- Microscopy
- PCR assays
- Agarose gel electrophoresis.

## Experience

### California State University, Stanislaus

CAPE STUDENT ASSISTANT

Turlock, CA  
2021-Present

- Handles sensitive and confidential information such as social security numbers and student transcripts
- Responds to students' questions via phone call or email correspondence
- Scans and files data into online servers on a daily basis

### California State University, Stanislaus

UNDERGRADUATE RESEARCHER

Turlock, CA  
Fall 2025

- Assisted Dr. Standfield in RNA extraction and analysis for research specimens
- Extracted RNA from plant leaves with proper aseptic technique
- Performed NanoDrop spectrophotometric analysis to assess RNA quality and concentration

### California State University, Stanislaus

McNAIR SCHOLAR

Turlock, CA  
2025-Present

- Conducted independent research under faculty mentorship, developing expertise in DNA degradation in imitation forensic samples
- Developed advanced research skills, including literature review, data analysis, and academic writing

## Education

### California State University, Stanislaus

B.S IN BIOLOGY WITH A CONCENTRATION IN CELLULAR, MOLECULAR, AND MICROBIAL BIOLOGY

Turlock, CA  
2021-Present

- Minor in forensic science