

Student Name

Fresno, CA | xxx-xxx-xxxx | studentname@mail.fresnostate.edu

EDUCATION

Master of Science, Biology

California State University, Fresno

GPA: x.xx | President's List (x times) / Dean's List (x times)

Expected May 202x

Fresno, CA

Bachelor of Science, Biology

University Name

GPA: x.xx | President's List (x times) / Dean's List (x times)

May 20xx

City, ST (or City, Country if abroad)

RESEARCH EXPERIENCE

Graduate Research Assistant

PI: Karine Gousset, PhD, Department of Biology - CSU, Fresno

Master Thesis: Hydrogen peroxide and glutamate, induce tunneling nanotube formation in HeLa and neuronal catecholaminergic (CAD) cells

- Utilized fluorescence microscopy to study cellular protrusions in various cell lines
- Analyze overexpression of proteins that may play role in the formation of cellular protrusions through western blots
- Contributed to the creation of a protocol for the use of the CellEctor system from Molecular Machines & Industries to study the formation of protrusions in real time
- Trained and supervised 2 undergraduate Research Assistants to conduct experiments, collect and analyze data using Excel, and submit presentation proposals to Central California Research Symposium (CCRS) and CSU Program for Education & Research in Biotechnology (CSUPERB)

Month 20xx - Present

Fresno, CA

Research Assistant

PI: Researcher Name, Ph.D., Molecular Biology Lab

Center of Biomedical Investigation - University of San Carlos, Guatemala

- Managed 500 stomach cancer patients' biopsies to explore the correlation between the presence of *Helicobacter Pylori* (*H. pylori*) and stomach cancer
- Assisted in the isolation and identification of *H.pylori* strains from biopsy samples
- Genotyped *H. pylori* strains CagA and VacA
- Led collaboration with multiple labs (Microbiology & Molecular Biology) to collect and submit research reports to PI to ensure research protocols and data's validity and reliability

Month 20xx - Month 20xx

Ciudad de Guatemala, Guatemala

Undergraduate Research

PI: Researcher Name, PhD, Antillean Adventist University

Special Research Projects Biology Class

Project: Relación entre medidas morfológicas y la madurez sexual en la hembra del lagartijo tropical *Anolis pulchellus*". [Relation between the morphological measurements and the sexual maturity of the tropical female lizard *Anolis pulchellus*]

- Participated in the collection of 200+ lizards out in the field
- Assisted in the selection and standardization of morphological measurements of female lizards

Month 20xx - Month 20xx

Mayaguez, Puerto Rico

TEACHING EXPERIENCE

Teaching Assistant: Introduction to Microbiology Lab

Department of Biology - CSU, Fresno

- Prepared microorganisms for students to carry out experiments
- Teach 36 students to perform various stains and biochemical tests
- Hold weekly office hours

Month 20xx - Present

Fresno, CA

Teaching Assistant: General Biology Lab

Department of Biology - CSU, Fresno

- Modified lab lecture curriculum by creating 3 new hands-on lab activities
- Conduct 3 weekly lab sections by instructing and monitoring up to 90+ students as they carry out biology lab exercises

Month 20xx - Present

Fresno, CA

Head Teaching Assistant: Genetics Lab

Antillean Adventist University, Puerto Rico

Month 20xx - Month 20xx

Mayaguez, Puerto Rico

- Created, modified and presented weekly lectures in conjunction with faculty
- Held weekly office hours and tutoring sessions for students
- Trained and supervised 2 teaching assistants and coursework graders

ACADEMIC SERVICE EXPERIENCE

Science and English Tutor

Instituciones Educativas S.A., Guatemala

Month 20xx - Month 20xx

San Marcos, Guatemala

- Conducted individual tutoring sessions for middle school and high school students in various science subjects and English
- Tracked students' progress through Excel Spreadsheets to ensure they met school requirements and academic goals

Private Tutor - Self Employed

Biological Science and Spanish Tutor

Month 20xx - Month 20xx

City, ST

- Tutored 30+ college and high school students in biology, biochemistry and Spanish
- Assisted students in homework, studying tactics, note taking, and honing critical thinking skills
- Customized lesson materials to student learning styles

PRESENTATIONS (*Bold your name in the author portion*)

Your Last Name, A., Last Name, Z., & Gousset, K., [Oral Presentation]. *Chemical secreted by cancer cells, such as hydrogen peroxide and glutamate, induce tunneling nanotube formation in HeLa*. Central California Research Symposium, CSU, Fresno (Month xx, 20xx). Fresno, CA

Last Name, Z., **Your Last Name, A.**, Last Name, A., & Gousset, K., [Poster Presentation]. *Chemical secreted by cancer cells, such as hydrogen peroxide and glutamate, induce tunneling nanotube formation in HeLa and neuronal CAD cells*. California State University Summer Symposium, University of California, Los Angeles (UCLA). (Moth xx, 20xx). Los Angeles, CA

PROFESSIONAL DEVELOPMENT, GRANTS, AND AWARDS

Collaborative Institutional Training Initiative (CITI)

Certificate Name (Record ID: xxxxxx) ← [hyperlink to certificate URL](#)

Month 202x

Honorable Mention for Oral Presentation,

Central California Research Symposium - CSU, Fresno

Month 20xx

Graduate Student Travel Grant (\$500 Conference Travel Award)

Division of Research & Graduate Studies - CSU, Fresno

20xx-20xx

Faculty Sponsored Students Research Award (\$1,500 Conference Travel Award)

College of Science and Mathematics - CSU, Fresno

20xx-20xx

PROFESSIONAL AFFILIATIONS

Member, American Society of Cell Biology (ASCB)

Month 20xx - Present

OTHER SKILLS

Bilingual: Proficient in both Spanish & English

Technical: Microsoft Office (Word, Excel, PowerPoint), Google Applications, R, Zoom

REFERENCES *(List 2-3 faculty including your research advisor)*

Dr. _____ (Faculty Advisor)

Department of _____

College of Science and Mathematics

California State University, Fresno.

XXXX _____ Avenue M/S XXXX

Building Name & Office #

Tel: (xxx) xxx-xxxx

Email: _____@csufresno.edu

Dr. _____

Department of _____

College of Science and Mathematics

California State University, Fresno.

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