

CODY GEOFFROY

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EDUCATION.....

Biotechnology, M.S. (incomplete)

University of Central Florida – Orlando, FL

August 2024 to May 2025

Biomedical Sciences, B.S.

Minors: Genomics and Bioinformatics | Anthropology

University of Central Florida – Orlando, FL

June 2019 to May 2023

Coursework:

- Applied Industrial Microbiology
- Biomedical Sciences
- Experimental Molecular Cell Biology
- Genomics Lab: Methods in Data Collection and Analysis
- Medical Biochemistry
- Methods in Biotechnology
- Molecular Biology
- Molecular Immunology
- Peer Instruction and Laboratory Occupational Training
- Plant Genomics and Biochemistry
- Programming for Biologists
- Quantitative Biological Methods

WORK EXPERIENCE.....

AI Trainer

DataAnnotation – Remote

September 2025 – Present

Graduate Teaching Assistant

University of Central Florida – Orlando, FL

August 2024 – May 2025

Senior Instructional Lab Assistant

Valencia College – Orlando, FL

September 2023 – August 2024

Tumbling Coach

UKnight Training Center – Winter Park, FL

May 2019 – December 2020

Always In Motion – Chuluota, FL

September 2019 – March 2020

Gymnastics Coach

O2B Kids – Oviedo, FL

December 2018 – November 2019

RESEARCH EXPERIENCE.....

Digitization, tracing, and quantification of CGRP-IR axons in the cardiac nervous system in a mouse model

June 2022 to May 2023

Mutant U1A-RNA binding kinetics with surface plasmon resonance

August 2022 to May 2023

Bacterial transformation, expression then purification of U1A and efficacy testing with SPR using an NTA sensor for ligand immobilization

January 2022 to May 2022

Microbiome gDNA analysis of non-infected and infected zombie ants using Illumina sequencing

January 2022 to May 2022

SKILLS.....

- Scientific writing, presentation, and communication
- Raster & vector graphics editor
- R & Python programming languages
- Data wrangling, analysis, and visualization
- Bioinformatics tools and software
- Image processing and 3D modeling software
- Use of general lab equipment (e.g., pipettes, analytical balances, centrifuges, autoclaves, biosafety cabinets, spectrometers, etc.)
- Mammalian/bacterial cell culture
- Analytical Laboratory Instruments
 - SPR, qPCR, AC, IEX, Microscopy

LICENSES, CERTIFICATIONS AND TRAININGS.....

Bloodborne Pathogens for Healthcare and Laboratories

Environmental Health and Safety

Biological, Laboratory & Radiation Safety

Environmental Health and Safety

Basic Life Support for Healthcare Providers

American Red Cross

Biomedical Responsible Conduct of Research

CITI Program

Lab Animal Researcher/Technicians/Students

CITI Program

PRESENTATIONS.....

- Digitization, tracing, and quantification of CGRP-IR axons in the cardiac nervous system in a mouse model
 - Student Scholar Symposium; March 28th, 2023; University of Central Florida
- Mutant U1A-RNA binding kinetics with surface plasmon resonance
 - Amy Zeh High Impact Practice Student Showcase; April 19th, 2023; University of Central Florida