

LAUREN SILVATTI

LAURENSILVATTIM@OUTLOOK.COM

EDUCATION

BS	Utah Valley University, Bioinformatics Minor in Pre-Health Sciences and Biology Cumulative GPA 3.9	2022-2024
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RESEARCH EXPERIENCE

Utah Valley University. Orem, UT.	2022-2024
Research Student. Neuroscience lab - Dr. Zoe Thompson	
<ul style="list-style-type: none">• Compared sexual behavior between Wild-type and Pomc deficient mice.• Interpreted video recordings and constructed R scripts for data analysis and visualization.	
Research Student. Ecology - Dr. Geoffrey Zhan	
<ul style="list-style-type: none">• Research fungal interaction and structure within the world's largest living tree, Pando.• Developed R scripts to facilitate data analysis and visualization tasks as part of a collaborative effort.• Contributed to writing a scientific paper for publication upon completion.	

HONORS AND AWARDS

National Science Foundation S-STEM Fellowship \$19,950	2022-2024
Utah Valley University scholarship with full tuition, and funds for mentored research.	
Dean's List	2022-2024
Demonstrated outstanding academic performance during each term.	
NSLS Program	2022
National Society of Leadership and Success selectee for maintaining a cumulative GPA above 3.7.	
Academic Excellence Award	2020-2022
Awarded Academic Excellence title at Salt Lake Community College.	

FUNDING

NSF S-STEM \$6,000/year	2022-Present
Research and travel stipend.	
AmeriCorps \$8,018	
STEM Specialist at Westmore Elementary.	2022-2023
Annual Biomedical Research Conference for Minoritize Scientists \$1,250	2022
Conference and travel funding.	
Salt Lake Community College Promise \$7,550	2020-2022
SLCC Full tuition coverage.	

PRESENTATIONS AND ATTENDED LECTURES

Utah Conference for Undergraduate Research (UCUR)	2024
Poster Presenter - Analysis of sexual behavior in Pomc-deficient mice.	
UCUR	2023
Poster Presenter - Proopiomelanocortin Deficiency and Effect on Sexual Behavior in Mice.	
ABRCMS Conference	2022
Out of state conference for undergraduate research.	

LANGUAGES

Spanish: Native
English: Advanced Listener, Advanced Speaker, Advanced Reading, and Writing
R Studio: Data Analysis
SQL: Database Administration
Python: Programming

SKILLS

Microsoft Office and Google Software.	Command Line – GitBash
Data Analysis	Wet and Dry Lab
Animal Husbandry	Scientific Writing
Bioinformatics	Sage 100
Scientific Research	SAP

CERTIFICATIONS

Certified Phlebotomist.
Certified IV training.