Claire Lewis

Tucson, AZ | P: 480-300-2047 | clewis2005@arizona.edu

EDUCATION

SAGUARO HIGH SCHOOL Scottsdale, AZ

High School Diploma - May 2024

Cumulative GPA: 4.6; Math and Science Academy Distinguished Honors

Commendations and Awards: Math and Science Academy Distinguished Scholar; Math Honor Society, AZ Girls' State Alumni; National Honor Society; Mentor Ambassador Student Leader, Pay-It-Forward Scholarship Recipient 2024/2025

UNIVERSITY OF ARIZONA Tucson, AZ

Bachelor of Science in Ecology and Evolutionary Biology, Minor in Classics - Expected May 2027

Cumulative GPA: 3.77; Dean's List Fall 2024, Fall 2025, Spring 2026; Distinguished Dean's List Spring 2025

Leslie N. Goodding Scholarship Recipient 2024-2025 and 2026-2027

Glen Vanice and Keith Reid Scientific Research Scholarship 2026-2027

Relevant Coursework: Dendrochronology; Molecular & Cellular Biology; Genetics; Ecology; Math of Bio-Systems; Chemistry; EEB Independent Research; Forest Ecology; Conservation Biology; Coding in R

Extracurriculars: W.A. Franke Honors College, Microbiology Club, Biosystems Engineering and Electronics Club, Phi Beta Kappa Honor Society

UNIVERSITY OF ARIZONA Tucson, AZ

Master of Science in Ecology and Evolutionary Biology - Expected May 2028

EEB Accelerated Master's Program: Co-advisors Scott Saleska PhD, Margaret Evans PhD

Dendroecology Laboratory in the Laboratory of Tree-Ring Research

Relevant Coursework: Coding in R for Ecologists; Ecotoxicology; Conservation Biology; Forest Ecology

RELEVANT WORK EXPERIENCE

ECOL TEACHING TEAM - UNIVERSITY OF ARIZONA ECOL & EVOLUTION BIOLOGY DEPT. Tucson, AZ

Ecology 302 Administrative Teaching Assistant Sept 2026- Present

- Assists with administrative tasks including material preparation for each class section
- Grades assessments and provides course design support to program coordinators and instructors
- Works with course instructors to coordinate teaching assistant assignments each week

MATH TEACHING TEAM - UNIVERSITY OF ARIZONA MATHEMATICS DEPT. Tucson, AZ

Math 100 Undergraduate Teaching Assistant Lead Oct 2025-Sept 2026

- Reinforced the teaching of course material one-on-one to students enrolled in Math 100
- Mentored students during Math 100 discussion sessions and assists with guidance to re-affirm course goals and course content in both large and small groups
- Assisted in presenting weekly objectives to as many as 40+ students during class time
- Graded assessments and provides course design support to program coordinators
- Promoted to Teaching Assistant Lead and assisted in the support of other UTA staff as classroom manager

CITY OF SCOTTSDALE - PARKS AND RECREATION Scottsdale, AZ

Recreation Leader II May 2023 – Aug 2024, May 2025 – May 2026

- Office manager that worked to ensure all daily tasks were complete including but not limited to: supervising, planning, organizing, and facilitating a variety of recreation and office projects for youth development programs as well as community relations initiatives.
- Worked as part of City youth development staff that support 1st-8th grade after school enrichment programs by providing on-site supervision, program planning, and active team participation.
- Worked daily with recreation software including ActiveNet for facility reservations, special event planning, and annual child-care enrollment for multiple city facilities.
- Collected payments and pursued outstanding balances for overdue accounts, proactively resolving all former balances and leaving no past-due accounts at the end of my employment.

UNIVERSITY PROJECTS

LABORATORY OF TREE-RING RESEARCH - EVANS DENDROECOLOGY LAB Tucson, AZ
Undergraduate Research Assistant Fall 2024-Present

- This project focuses on dendroecology, the study of tree rings in order to understand ecological and climatic changes over time. This research involves analyzing tree ring data to assess varying environmental factors with varying purposes such as climate variability, forest disturbances, and ecosystem dynamics. The goal is to contribute to ongoing studies in the Evans Dendroecology Lab and expand our understanding of how tree growth patterns reflect ecological changes.
- 3rd Place Award - SEES Poster Session Spring 2026
- 2nd Place Award - Advanced Research Category - Ecology & Evolutionary Biology Poster Session Spring 2026
- Tree-Ring Session Speaker - USDA FIA Science Symposium Fall 2026
- https://evans-dendroecology.ltrr.arizona.edu/

DEPARTMENT OF ECOLOGY & EVOLUTIONARY BIOLOGY - BRONSTEIN LAB Bluff Lake Reserve, CA
Field Research Assistant/Undergraduate Research Assistant Summer 2026-Present

- Assisted primary investigator in field research including experimental design implementation and observational data collection processes across 4 sites
- Keyed *Silene verecunda* (common name: San Francisco Campion) to the species level using dichotomous keys and taxonomic literature
- Performed and logged observational data collection on floral-pollinator interactions, recording pollinator frequency and family data at various sites
- Collected and processed more than 75 *S. verecunda* flowers in order to create pollen slide samples following pollinator visits

SKILLS

- Time Management; Phone Etiquette; Verbal and Written Communication; Organizational Skills; Office Management; Positive Attitude; Computer Systems and Applications (Microsoft Excel, etc.); Teaching Assistance; Research Analysis; Coding in R (Base R, tidyverse, dplR, climwin, treeclim)

REFERENCES

Katy Johnson - Supervisor, City of Scottsdale Recreation Leader Senior

- **katjohnson@scottsdaleaz.gov**

Margaret Evans PhD - Principal Investigator, Lab of Tree-Ring Research University of Arizona

- **mekevans@arizona.edu**

Katherine Horan - Supervisor, Assistant Coordinator Math 100 University of Arizona

- **khoran@arizona.edu**