

# Lauren Glevanik

Department of Ecology and Evolutionary Biology  
University of California, Los Angeles  
Los Angeles, CA 90095  
[lglevanik@ucla.edu](mailto:lglevanik@ucla.edu) • [laurenglevanik.weebly.com](http://laurenglevanik.weebly.com)

## EDUCATION

<b>University of California, Los Angeles</b> Ph.D. Candidate, Department of Ecology and Evolutionary Biology Advisor: Dr. Nathan Kraft	Sept 2022 – Present
<b>University of California, Davis</b> B.S. Plant Biology Minors: Professional Writing; Ecology, Evolution & Biodiversity	Sept 2016 – June 2020

## PUBLICATIONS & PRESENTATIONS

*Presentations (\* indicates undergraduate author)*

8. **L Glevanik**, NJB Kraft. 2025. "Community consequences of stress-induced seed dispersal shifts in an annual grassland." Contributed oral presentation. Better Grasslands Through Knowledge: A Science-Based CNGA Symposium, Hopland, CA.
7. **L Glevanik**. 2025. "Species-specific seed dispersal in an annual plant community." Invited speaker. California Native Plant Society LA/SMM Chapter Meeting, Los Angeles, CA.
6. **L Glevanik**, NJB Kraft. 2024. "Quantifying species-specific seed dispersal in annual grassland communities." Contributed oral presentation. Ecological Society of America Annual Meeting, Long Beach CA.
5. H Gray,\* M McEwen,\* NJB Kraft, **L Glevanik**. 2024. "Seed shape correlates of dispersal distance in California serpentine annual plants." Poster presentation. UCLA Ecology and Evolutionary Biology Research Symposium, Los Angeles, CA. 3<sup>rd</sup> place Donald J. Buth Award for Outstanding Poster Presentation.
4. **L Glevanik**, SA Martinez, K Morton. 2021. "Epigenetic Enhancement of Yield in Hybrid Processing Tomatoes." Seminar. HM.CLAUSE, Davis, CA.
3. **L Glevanik**. 2020. "Improving Fresh Market Tomato Flavor & Fruit Quality." Four-part seminar series. HM.CLAUSE, Davis, CA.
2. **L Glevanik**, R Davis. 2020. "Basics of iNaturalist: The City Nature Challenge and 'Naturing at Home.'" Three-part webinar series. UC Davis Arboretum and Public Garden, Davis, CA.
1. **L Glevanik**, S Rowland, K Zumstein, N Sinha. 2018. "How to Build a Better Tasting Tomato." Poster presentation. UC Davis Undergraduate Research Conference, Davis, CA.

*Reports (not peer-reviewed)*

2. **L Glevanik**. 2020. "Breeding for Improved Fruit Quality and Flavor in Tomato: A Review." Grey literature for internal use at HM.CLAUSE.
1. **L Glevanik**. 2020. "Population sex ratio of coyote brush (*Baccharis pilularis*) in Stebbins Cold Canyon Reserve." *UC Davis Prized Writing*, 31: 162-168.

*Selected Media Articles*

9. **L Glevanik**. 2024. [Birds of a feather flock to bad weather: Study reveals how seabirds chase cyclones.](#) *Envirobites*.
8. **L Glevanik**. 2024. [Mowing through challenges: Cutting-edge ways to improve grassland restoration efforts.](#) *Envirobites*.
7. **L Glevanik**. 2024. [Hive minds: Bumblebees collaborate to learn complex behaviors.](#) *Envirobites*.
6. **L Glevanik**. 2024. [These bat teeth were made for chompin': An evolutionary history of bat teeth.](#) *Envirobites*.
5. **L Glevanik**. 2020. [An alien invasion threatens wildflower habitat.](#) *Student Conservation Corner*. UC Davis

Department of Wildlife, Fish, and Conservation Biology.

4. **L Glevanik.** 2020. [Researchers develop field test for toxic mushrooms](#). *The California Aggie*, 138(19): 10-11.
3. **L Glevanik.** 2020. [Bumblebees change flight modes to carry heavy loads of nectar](#). *The California Aggie*, 138(18): 8,11.
2. **L Glevanik.** 2020. [“Reverse” solar panels harness Earth’s heat to generate energy](#). *The California Aggie*, 138(17): 8.
1. **L Glevanik.** 2020. [Orchid bees mix unique perfumes to signal potential mates](#). *The California Aggie*, 138(14): 13.

## **AWARDS & GRANTS**

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California Native Plant Society Channel Islands Chapter Scholarship, <b>\$1500</b>	2025
La Kretz Center + Stunt Ranch Research Grant, <b>\$1500</b>	2024
UCLA Ecology and Evolutionary Biology Departmental Research Grant, <b>\$2000</b>	2024
UCLA Ecology and Evolutionary Biology Departmental Conference Grant, <b>\$910</b>	2024
California Native Plant Society LA/SMM Chapter Scholarship, <b>\$1500</b>	2024
California Native Grasslands Association GRASS Grant, <b>\$500</b>	2024
UCLA Ecology and Evolutionary Biology Departmental Fellowship <b>\$15000</b>	2022-2023
Michigan State University Plant Sciences Fellowship <b>\$30000</b> , <i>offered &amp; declined</i>	2022
UC Davis College of Biological Sciences Dean’s Honors List	2020
Oliver Leonard Botany Scholarship <b>\$1500</b>	2019
Liliane D. Wells Botany Scholarship <b>\$400</b>	2016
UC Davis Cal Aggie Alumni Association Leadership Award <b>\$1500</b>	2016
San Diego Foundation COX Cares Scholarship <b>\$5000</b>	2016
Elks National Foundation Most Valuable Student Scholarship <b>\$1500</b>	2016

## **RESEARCH EXPERIENCE**

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**Graduate Researcher**, UCLA Department of Ecology and Evolutionary Biology (2022 – Present)

**Processing Tomato Breeding Aide**, HM.CLAUSE (2021 – 2022)

Investigated effects of epigenetic yield enhancement of processing tomato; managed experimental trial setup, data collection, and analysis in collaboration with EpiCrop Technologies (Lincoln, NE). Collected and enter data on yield and performance for 800+ varieties grown in 4 off-station trials.

**Fresh Market Tomato Breeding Intern**, HM.CLAUSE (2020)

Evaluated and selected tomato hybrid and parent lines in the field for advancement to production. Managed data collection for multiple off-station trials throughout California’s Central Valley.

**Vernal Pool Field Technician**, Emery Lab, University of Colorado Boulder (2020 – 2021)

Censused plots of *Lasthenia sp.* within Jepson Prairie Preserve to determine evolutionary feedbacks of wildflower dispersal preferences under variable environmental conditions. Planted seeds, identified seedlings, implemented experimental treatments in field settings, recorded data.

**Habitat Horticulture Intern**, UC Davis Arboretum and Public Garden (2019 – 2020)

Led the program-wide iNaturalist campaign for the Spring 2020 quarter of remote instruction; engaged 50+ community members to contribute 33,000+ data points.

**Undergraduate Researcher**, Sinha Lab, UC Davis Department of Plant Biology (2017 – 2018)

Investigated genetic controls of tomato leaf morphology and subsequent effects on fruit sugar. Proficient in DNA extraction, PCR, electrophoresis, tissue collection, microscope slide preparation.

## **TEACHING EXPERIENCE**

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*University of California, Los Angeles*

2025	Teaching Associate, EEB 162: Plant Physiology
2025	Teaching Associate, ENV 150: Environmental Journalism, Science Communication, & New Media
2024	Teaching Associate, EEB 161: Plant Ecology
2024	Teaching Assistant, EEB 100: Introduction to Ecology & Behavior

2023 Teaching Assistant, EEB 161: Plant Ecology  
 2023 Teaching Assistant, EEB 100: Introduction to Ecology & Behavior

*University of California, Davis*

2018 Student Teaching Assistant, EDU 198: Foundations for University Success  
 2017 First-Year Aggie Connections Mentor, BIS 5: Exploring Biological Sciences

## **MENTORING**

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Classroom Scientist Mentor, Planting Science	March 2024 – Present
Student Research Mentees:	Jan 2023 – Present
Hannah Gray (2023-2024, UCLA)	
Maddie McEwen (2023-2024, UCLA)	
Lily Anderson (2024-2025, UCLA)	
Aaron Wu (2024-Present, UCLA)	
Genelle Searles (2024-Present, UCLA)	
Jalen Austria (2025-Present, UCLA)	
Noah Kamps (2025-Present, UCLA)	
UCLA EEB Graduate Peer Mentorship Program	Sept 2023 – Present
Peer Mentor, UC Davis BioLaunch	Sept 2018 – June 2020

## **OUTREACH & SERVICE**

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Manuscript Reviewer	Feb 2025 – Present
American Journal of Botany, Ecology Letters	
Contributing Writer & Editor, Envirobites Blog (8-10k readers per month)	Dec 2023 – Present
Reviewer, ESA Conference Abstracts	April – May 2023
Monitor, Snowy Plover Conservation Program, Los Angeles Audubon	April 2023 – Present
Ecology Booth Coordinator, Exploring Your Universe at UCLA	Nov 2022 – Present
Docent, Jepson Prairie Preserve, Solano Land Trust	Nov 2019 – Present
Citizen Science Volunteer Contributor, UC ANR California Naturalist Program	March 2019 – Present
Founder & President, Plant Biology Club at UC Davis	Sept 2017 – June 2019
Classroom Science Instructor, SproutUp at UC Davis	Jan 2018 – May 2018

## **CERTIFICATIONS & TRAINING**

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**CIRTL Associate** (Center for the Integration of Research, Teaching, and Learning (CIRTL), UCLA, 2025)

**Introduction to Evidence-Based Undergraduate STEM Teaching** (Center for the Integration of Research, Teaching, and Learning (CIRTL), UCLA, 2024)

**Research Mentorship Training** (Center for the Improvement of Mentored Experiences in Research (CIMER), UCLA, 2024)

Participated in 15 hours of evidence-based training in effective and culturally responsive research mentorship developed by NRMN and CIMER. Enacted a Mentoring Action Plan to enhance mentoring practices and develop a mentoring philosophy.

**CNPS Rare Plant Treasure Hunt and Vegetation Sampling** (California Native Plant Society, 2022)

**California Naturalist Certification** (UC Agriculture and Natural Resources Division, 2019)

Capstone: Lake Tahoe Water Quality Analysis using Snapshot Day Citizen Science Data

Advisor: Dr. Laci Gerhart-Barley, UC Davis Department of Evolution and Ecology

## **PROFESSIONAL MEMBERSHIPS**

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Ecological Society of America • California Native Plant Society • California Native Grasslands Association