

# Lauren Glevanik

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## EDUCATION

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

## PUBLICATIONS & PRESENTATIONS

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*Presentations (\* indicates undergraduate author)*

15. A Wu,\* NJB Kraft, **L Glevanik**. 2025. “Video-based determination of terminal velocity of seeds from a southern California annual plant community.” Poster presentation. UCLA Ecology and Evolutionary Biology Research Symposium, Los Angeles, CA. ***Honorable Mention, Donald J. Buth Award for Outstanding Poster Presentation.***
14. J Austria,\* L Anderson,\* N Kamps,\* NJB Kraft, **L Glevanik**. 2025. “Rainfall influences species-specific seed mortality in a southern California annual grassland.” Poster presentation. UCLA Ecology and Evolutionary Biology Research Symposium, Los Angeles, CA.
13. G Marcelino-Searles,\* NJB Kraft, **L Glevanik**. 2025. “Intraspecific seed size – viability tradeoffs in a California annual grassland community.” Poster presentation. UCLA Ecology and Evolutionary Biology Research Symposium, Los Angeles, CA.
12. **L Glevanik**, J Austria, L Anderson, N Kamps, NJB Kraft. 2025. “Rainfall influences seed persistence in an annual grassland community.” Contributed oral presentation. AMEBA x Biological Sciences Council Research Showcase. ***Awarded audience choice best presentation.***
11. L Anderson,\* NJB Kraft, **L Glevanik**. 2025. “Examining species-specific seed bank persistence in an annual grassland.” Poster presentation. LA Bioscience Ecosystem Summit (LABEST), Los Angeles, CA.
10. A Wu,\* NJB Kraft, **L Glevanik**. 2025. “Video-based determination of terminal velocity of seeds from a southern California annual plant community.” Contributed recorded presentation. UCLA Undergraduate Research & Creativity Showcase, Los Angeles, CA.
9. L Anderson,\* NJB Kraft, **L Glevanik**. 2025. “Examining species-specific seed bank persistence in an annual grassland.” Contributed oral presentation. UCLA Undergraduate Research & Creativity Showcase, Los Angeles, CA. ***Awarded the Dean’s Prize for Excellence in Science.***
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 (non 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*

10. **L Glevanik**. 2024. [Island-dwelling iguanas first arrived in Fiji by rafting across 5000 miles of open ocean.](#) *Envirobites*.
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.
1. **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**

|   |      |
|---|------|
| California Native Plant Society Channel Islands Chapter Grant, <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 Grant, <b>\$1500</b>               | 2024 |

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| 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)

Researching community consequences of seed dispersal in an annual California grassland.

### **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*

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| 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*

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| 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 (6 elementary & high school groups)        | March 2024 – Present  |
| Student Research Mentees (7 undergraduate researchers; directed & independent projects) | Jan 2023 – Present    |
| Hannah Gray (2023-2024, UCLA)   |                       |
| Maddie McEwen (2023-2024, UCLA)   |                       |
| Lily Anderson (2024-2025, UCLA)   |                       |
| Aaron Wu (2024-2025, UCLA)  |                       |
| Genelle Searles (2024-2025 UCLA)  |                       |
| Jalen Austria (2025, UCLA)  |                       |
| Noah Kamps (2025-Present, UCLA)   |                       |
| UCLA EEB Graduate Peer Mentorship Program (2 graduate student mentees)                  | Sept 2023 – Present   |
| Peer Mentor, UC Davis BioLaunch   | Sept 2018 – June 2020 |

## **OUTREACH & SERVICE**

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| Manuscript Review   | 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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**Advanced Learning Through Evidence-Based STEM Teaching** (Center for the Integration of Research, Teaching, and Learning (CIRTL), UCLA, 2025)

**CIRTL Associate** (CIRTL, UCLA, 2025)

**Introduction to Evidence-Based Undergraduate STEM Teaching** (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