

F. LaBry

Summary

Current student worker for the Texas A&M AgriLife Research & Extension Center interested in continued assistance with restoration ecology and entomological biodiversity while enhancing critical-thinking, communication, and problem-solving skills in preparation for graduate school.

Education

Collin College

Aug. 2025 – July 2026

Geospatial Information Science, Level 1 Certificate

GPA: 4.000

Portfolio: invertebrained.neocities.org/GIS_Portfolio

University of North Texas (UNT)- Denton, TX

Aug. 2021 – Dec. 2023

Major: Biology (BA)

Minor: Chemistry

GPA: 3.800

Employment

Non-affiliated Student Worker (Urban Agriculture)

Dallas, TX

AgriLife Research & Extension Center: Controlled Environment Entomology

Sept. 2025 – *present*

- Rearing/maintaining insect colonies for big-eyed bugs, aphids, thrips, whiteflies, and ladybugs
- Taking care of vegetable plants: sowing, watering, transplanting, fertilizing, and pest maintenance
- Analyzing leaves for predator-prey interactions under a microscope for experimental data analysis
- Preparing or cleaning laboratory supplies for various trials

Cariveau Bee Lab Summer Technician

Saint Paul, MN

University of Minnesota, Department of Entomology

May 2025 – Aug. 2025

- Assisted with the Rare Bee Project, which sought to understand the population dynamics and foraging/nesting behavior of *Colletes andrewsi*, a *Heuchera* specialist
 - Conducted mark-recapture surveys, consisting of sweep netting for female *C. andrewsi* and marking them with paint; observed nest aggregation behavior
 - Counted stems and estimated the flowers blooming for *Heuchera richardsonii*
 - Data entry of observations and double-checking all data; pinning/labelling specimens
 - Created illustrations depicting *C. andrewsi* nesting behavior and life cycle
- Helped with the Bumble Bee Nest Quest project, which included meandering walks for *Bombus* nests with Survey123, collecting soil for habitat assessments, & radio-tracking bees (CTT Mobile)

Great Plains Pollinator Intern (AmeriCorps)

Capulin and Watrous, NM

Student Conservation Association & U.S. Fish and Wildlife Services

May 2024 – Apr. 2025

- Collected pollinators using a standard pan-trapping methodology (bee bowls)
- Sweep/opportunistic netting of *Anthophila* present in flower fields
- Pinned and labeled collected specimens with proper preservation techniques

Sustainability Intern

Irving, TX

Darling Ingredients, DII Corp.

Feb. 2023 – May 2024

- Conducted biodiversity risk assessment for existing rendering plants owned by Darling Ingredients in the United States (in partnership with the University of Memphis)

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- Data filtering and analysis of organisms documented near Darling Ingredient's U.S. rendering plants, including identifying endangerment status and invasiveness
- Assisted in preparing the 2023 Texan by Nature 20 submission form and 2022 Sustainability Report
- Documented/analyzed data using Microsoft Excel (including PivotChart creation) and Oracle HCM

Community Service Activities

- Local BioBlitzes volunteer: documentation and identification of various arthropods. Occurred for regular blacklight mothning events at the Lewisville Lake Environmental Learning Area nature preserve, Texas Women's University, Heard Natural Science Museum (outreach tabling occurred here); aquatic invertebrate bioblitzes at the Trinity River Audubon Center; pollinator surveys at a private ranch near Bridgeport, Texas, and various parks under the Minneapolis Park & Recreation Board (2023-2026)
- Helped set up and take down tables; served ice cream to event attendees at the Pollinator Party hosted by the University of Minnesota Bee Lab (2025)
- Assistance with several events hosted in northern New Mexico, including tabling at the Capulin Volcano Pollinator Festival (creation of coloring pages highlighting pollinators found at Capulin Volcano), greeting visitors at the Concert for the Birds event at Las Vegas National Wildlife Refuge, riparian planting days, and assisting with the NM MESA rally event (2024)
- Various workdays at Discovery Park's Pecan Creek Pollinative Prairie under the Society of Ecological Restoration's University of North Texas chapter, including removal of PVC irrigation lines, trash, solarization plots, and stakes, as well as installation of 600 native, greenhouse-grown aquatic plants to aide in restoration of the retention pond habitat (2023-2024)
- iNaturalist observer/identifier encompassing approximately 10,250 observations and 10,250 identifications for others (2022-2026). See www.inaturalist.org/observations?user_id=invertebrained

Relevant Skills & Training

- Proficiency in ArcGIS Pro, including raster and spatial analysis, using ModelBuilder to modulate workflows, remote sensing, and creating professional layouts of static maps
- CPR & First Aid AED Training at Rio Mora National Wildlife Refuge
- NSC Defensive Driving Course, 10X (L) Edition; Familiarity with driving a 4x4 vehicle off-road
- Experience with computer software such as Microsoft Office Excel (data analysis & creation of pivot tables/charts), Microsoft Office Powerpoint (presentations), Oracle (data entry), Adobe Photoshop and Illustrator (digital flyers and photo editing), and Procreate (digital illustration)
- Basic coding experience: Arcade/Python for GIS; HTML/CSS (invertebrained.neocities.org)