

Carla M. A. de Loera

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EDUCATION

Texas A&M University, College Station, Texas
Master of Science Degree in Entomology
Certificate: Graduate Academy Mentoring Fellow

Anticipated May 2024

Texas A&M University, College Station, Texas
Bachelor of Science Degree in Entomology
Cumulative GPR: 3.6
Double Degree: Bachelor of Science Degree in Horticultural Sciences
Certificate of Public Health Entomology

May 2021

Study Abroad: Texas A&M University; United Kingdom Gardens and Landscapes

Study Abroad: Texas A&M University; The Soltis Center,

Aug. 4-Aug. 18, 2018

Houston Community College, Houston, Texas
Transfer Credits: 68
Cumulative GPR: 3.0

Aug. 2013-May 2017

TEACHING EXPERIENCE

Texas A&M Entomology Department

Fall 2022-Spring 2023

Graduate Teaching Assistant, General Entomology (ENTO 201), Co-Lead Teaching Assistant

- Lecture and assist students with biology and morphology of insects in relevance to insect order names and distinguishing characteristics

Texas A&M Entomology Department

Spring 2022 & Spring 2023

Graduate Teaching Assistant, Biodiversity and Biology of Insects (ENTO 301)

- Lecture and assist students with the biodiversity of insects in relevance to insect family names and distinguishing characteristics

Texas A&M Agrilife Research

Jan. 2020-May 2020

Student Instructor, Biodiversity and Biology of Insects (ENTO 301)

- Assist the teaching assistant with preparing laboratory specimen
- Assist students with identifying specimen in the laboratory
- Develop online material for student education (COVID-19 transition)
- Prepare material for online exams (COVID-19 transition)

RESEARCH EXPERIENCE

Texas A&M Agrilife Research

Sept. 2018-Aug. 2021

Student Assistant, The Song Laboratory of Insect Systematics and Evolution

- Assist in maintenance of laboratory and grasshopper colonies
- Organize and curate specimen collected from expeditions for university collection
- Perform DNA extractions on specimen collected

NSF Research for Undergraduates Summer Program in Entomology, May 21-Aug. 3, 2018

- Paid internship to examine several grasshopper species of genus *Eremidium* to develop an identification key down to species level
- Created a poster with finished identification key

PRESENTATIONS

- Entomological Society of America Southwestern Branch Meeting, Oklahoma City, Oklahoma; *Moderator* for 30 Undergraduate 10-minute Papers three hour session with Dr. Alvaro Romero. April 17, 2023.
- Carla de Loera, David B. Weissman, David A. Gray, and Hojun Song. 2022. Phylogenetic Comparative Analysis of Stridulatory Apparatus and Calling Songs of Field Cricket Genus *Gryllus* (Orthoptera: Gryllidae: Gryllinae). Oral presentation. Entomological Society of America Conference. November 13-16, 2022. Vancouver, BC Canada.
- Entomological Society of America Conference, Vancouver, BC Canada, Organized Meeting: “Small Orders, Big Ideas (Polyneoptera).” (with Hojun Song and Derek A. Woller) (*organizer/moderator*)
- Carla de Loera, Hojun Song, and Daniel Otte. 2018. Taxonomy and Diversity of Little-known South African Grasshopper Genus *Eremidium*, Karsch 1896 (Orthoptera: Lentulidae). Oral presentation. Entomological Society of America Conference. November 10-14, 2018. Vancouver, BC Canada.

PROFESSIONAL DEVELOPMENT

Certificate: Graduate Mentoring Academy Fellow, Texas A&M University, College Station, Texas
Sponsored and Presented by the Graduate and Professional School Sep. 2021-June 2022

- Attended workshops focused on fostering effective mentoring practices through completing seven competencies: Assessing Understanding, Maintaining Effective Communication, Aligning Expectations, Fostering Independence, Promoting Professional Development, Addressing Equity and Inclusion, and Articulating Your Mentoring Philosophy and Plan.

Certificate of Public Health Entomology, Texas A&M University, College Station, Texas
Available to undergraduate students interested in Public Health Entomology

- Took courses in four categories of relevance centered around public health entomology: *ENTO 210*: Global and Public Health Entomology, *ENTO 208*: Veterinary Entomology, *ENTO 209*: Veterinary Entomology Lab, *ENTO 423*: Medical Entomology, *ENTO 403*: Urban Entomology, and *ENTO 425*: Disease Ecology.

ACTIVITIES

Texas A&M University Entomology Games Team <i>Member</i>	Mar. 2023-Present
The Orthopterists' Society <i>Member</i>	Feb. 2023-Present
Entomological Society of America <i>Member</i>	Oct. 2022-Present

Agricultural Graduate Inclusive Excellence Leadership Community

Sept. 2021-Present

Member, Mentor, Cohort 2

Aug. 2022-May 2023

- Mentor and assist a member of Cohort 1

Member, Cohort 1

Sept. 2021-May 2022

- Participate in professional development activities and meetings

College Hills Elementary Dual Language Field Trip (Outreach)

March 23, 2022

- Teach elementary school students about insects in Spanish
- Guide fourth grade class while collecting insects

Entomology Scholars Society

April 2019-May 2021

Member

- Assist with incoming freshman and transfer students at New Student Conferences
- Assist 4-H Roundup Entomology Contest and collection judging
- Assist with the FFA entomology judging team competition

GRADUATE HONORS AND AWARDS

Willie Mae Harris Fellowship, College of Agriculture and Life Sciences, Texas A&M University,

Fall 2023-Summer 2024

- Awarded for Outstanding Teaching Assistants in the College of Agriculture and Life Sciences

Excellence Fellowship, College of Agriculture and Life Sciences, Texas A&M University, Fall 2021-

Summer 2022

Lechner Graduate Fellowship, Fall 2021

SKILLS

Bilingual; Fluent in writing, speaking, and reading English and Spanish

Intermediate level proficiency in course learning management system (CANVAS)