Michael J. Iacampo
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EDUCATION:

University of Houston, Bachelor of Science, Biology, Minor in Mathematics - MAY 2024
Cum Laude, GPA: 3.58, Major GPA: 3.84
Relevant coursework: Ecology (A), Invertebrate Zoology (A), Research in Ecology (A), Biological Field Research (A), Latin American Ecology (A), Conservation (A), and Mathematical Biology (A).

Arkansas Northeastern College, AA, General Studies, GPA: 4.00 - DEC 2020

PROFESSIONAL EXPERIENCE:

University of Houston, Undergraduate Researcher, July 2023 – Oct 2024

- Conducted independent camera-trap research.
- Supported the ongoing Hidden Life of Houston research project.

IACAMPO PROPERTIES LLC, Property Manager, 2014– 2021

- Managed crews of 3-6 on major renovation projects, meeting deadlines and maintaining quality work.
- Completed many solo roofing and tiling projects requiring planning, physical endurance, and problem solving.
- Operated heavy equipment such as tractors, forklifts, and large trailers.
- Utilized many other skills including plumbing, basic electrician work, painting, drywalling, framing, and bookkeeping etc.

RESEARCH EXPERIENCE:

University of Houston Honors College

Undergraduate Research Assistantship award, Dec 2023-May 2024
Advisors: Dr. Ann Cheek, Courtney Hall
Designed and conducted independent research to study mammalian use of a new major urban land bridge crossing structure in Houston TX in collaboration with Memorial Park Conservancy. Project goals were to assess current mammal users, potential users, and user preference in crossing structure type, utilizing camera-traps positioned on the structures and in the surrounding area. Project required extensive autonomous field work and data management/analysis. Manuscript in preparation.

University of Houston Biology Department

Field Team Leader, Hidden Life of Houston (HLH) Project, July 2023 - Nov 2024
Supervisor: Dr Ann Cheek

Worked to support the HLH research project aimed at understanding Houston wildlife via camera-trap sampling. Led teams of undergrad students on field work trips for camera sets/pulls/checks. Other responsibilities include solo field work, preparing site reports for landowners, and other supporting tasks.

Course-Based Research Projects:

Research in Ecology, Dr. Martin Nunez, Spring 2023

- Developed and conducted project to assess pH trends and potential soil leaching on the University of Houston green roof with student team.
- Worked with student partner to develop and conduct a project to study flood and drought resistance in different grass species using CO2 measurement.
- Develop a research proposal on greenroof-based butterfly gardens based on a preliminary insect survey using pitfall traps.

Biological Field Research, Dr. Ann Cheek, Summer 2023

- Developed and conducted a project to study the invertebrate communities present in prairie and wooded areas of the UH Coastal Center, utilizing various insect trapping methods.

Mathematical Biology, Dr. Ricardo Azevedo, Spring 2024

- Conducted a computational research project on a modified Lotka-Volterra predator-prey model. Conditions for a mutualism-parasitism switch were studied and extended through an exploration of host population dynamics, and special cases that were yet to be explored.

PRESENTATIONS:

- Hidden Life of Houston Symposium, April, 2025, Michael Iacampo. Plenary Talk: "Temporal Partitioning Among Mesopredators on Houston's Urban Land Bridges".

- Gulf Coast Undergraduate Research Symposium, Rice University, Nov 2024, Michael Iacampo. "Temporal Partitioning Among Mesopredators on Houston's Urban Land Bridges." (Talk) Outstanding Presentation Award.

- Houston Regional Ecology and Evolution Symposium, Houston TX, May 2024, Michael Iacampo. "Wildlife adoption and diel adaptation: a systematic camera study of kinder land bridge. "(Talk) Best Undergraduate Presentation Award.

SKILLS:

Technical

Mathematica. R studio. MATLAB. QGIS. Microsoft Office Suite. MS Access. General wet lab: equipment use, procedure, safety. Plant/wildlife survey methods.

Non-Technical

Team leadership, project management, scientific presentation, scientific writing, problem solving.

AWARDS AND HONORS

- Awarded honors faculty research assistantship position, fall 2023.
- Best Undergraduate Presentation Award, Houston Regional Ecology and Evolution Symposium

- Outstanding Presentation Award, Gulf Coast Undergraduate Research Symposium
- University of Houston, Dean's list – Fall, 2022, Fall 2023
- Arkansas Northeastern College, Dean's list – Spring 2019, Fall 2019, Spring 2020, Fall 2020.