

Charles Robert Carignan

Department of Biological Sciences
University of Illinois Chicago

Email: ccarig2@uic.edu

Website: <https://charlie-carignan.github.io/>

Education

2024 B.Sc. in Freshwater Sciences, University of Wisconsin Milwaukee
(Magna Cum Laude)

Professional Positions

2025 - Research Assistant, CIM²AS (Cultural Immersion in Monarchs and Milkweeds
Advancing Science Education), University of Illinois Chicago

2024 - Graduate student and Teaching Assistant, Department of Biological Sciences,
University of Illinois Chicago

2023 - 2024 Undergraduate Research Fellow, Lab and Field Technician, Aquatic Ecosystem
Dynamics Lab, School of Freshwater Sciences, University of Wisconsin
Milwaukee

2023 - 2024 Math and Biology tutor, University of Wisconsin Milwaukee

2023 -2024 Deckhand, R/V *Neeskay*, School of Freshwater Sciences, University of
Wisconsin Milwaukee

2022 - 2023 Undergraduate Research Fellow, Lab Technician, Aquaculture Nutrition Lab,
School of Freshwater Sciences, University of Wisconsin Milwaukee

Awards and Fellowships

2025 Biological Sciences Department Travel Award, University of Illinois Chicago

2023 - 2024 Dean's Honor List, University of Wisconsin Milwaukee

2022 - 2024 University of Wisconsin Milwaukee Support for Undergraduate Research
Fellows (SURF)

2020 Wisconsin Department of Instruction Global Scholars

2019 S/V *Denis Sullivan* Great Lakes Scholarship

2016 - 2020 National Honors Society

Poster Presentations

- 2025 C.R. Carignan, K. Ramanauskas, B. Igić. A prickly problem for rare cacti: Is the diversity of S-alleles low across Cactaceae? Botany 2025 - Botany without Barriers, Palm Springs, California.
- 2024 C.R. Carignan, H.A. Bootsma. Modelling Daily Photosynthetic Rates of Freshwater Phytoplankton from in-vitro Light Incubations. University of Wisconsin Milwaukee Undergraduate Research Symposium.
- 2023 C.R. Carignan, D.F. Deng. Effect of Water Temperature on Walleye Larval Development. University of Wisconsin Milwaukee Undergraduate Research Symposium.

Teaching Experience

- 2025 TA, Evolution, BIOS 430, 4-credit undergraduate course
- 2025 TA, Evolution and Ecology, BIOS 230, 3-credit undergraduate course
- 2024 TA, Genetics, BIOS 220, 3-credit undergraduate course

Service to the University

- 2025 Volunteer recruitment day guide for incoming University of Illinois Chicago graduate student applicants.
- 2024 Volunteer science demonstrator at Milwaukee Harbor Fest, University of Wisconsin Milwaukee School of Freshwater Sciences.

Professional Affiliations

Botanical Society of America (member since 2024)

Certifications

PADI Open Water SCUBA (certified since 2023)