

# Charles Robert Carignan

Department of Biological Sciences  
University of Illinois Chicago

Email: [ccarig2@uic.edu](mailto:ccarig2@uic.edu)

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

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## Education

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

## Professional Positions

2025 -           Research Assistant, CIM<sup>2</sup>AS (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

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**

- 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 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)