

# Claire E. Hetzel

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## EDUCATION

**University of Wisconsin - Green Bay, Green Bay, WI** Expected: May 2022  
*Master's in Environmental Science and Policy*  
**Emphasis:** Ecosystems Studies      **GPA:** 3.91/4.00

**St. Norbert College, De Pere, WI** May 12, 2019  
*Bachelor of Science, Cum Laude, Graduate of the Honors Program*  
**Major:** Environmental Science      **Minor:** Chemistry, Spanish      **GPA:** 3.58/4.00  
**Awards:** Trustee Distinguished Scholarship, The Environmental Science Award, Academic All-Conference, Dean's List (7 semesters), Phi Sigma Iota Honor Society

## WORK EXPERIENCE

**University of Wisconsin - Green Bay, Aquatic Ecology and Fisheries Lab** May 2020-August 2020  
*Biological Science Technician – Aquatic Ecology*

- Assisted with benthic macroinvertebrate sampling in the Lower Green Bay, followed by sample picking, pulling, and mounting to prepare for identification.
- Collected and processed fish, aquatic macroinvertebrate, plant, and periphyton samples for C and N stable isotope analysis of food web in Lower Green Bay.
- Coordinated monitoring harmful algal blooms in the Lower Green Bay and participated in biological stream monitoring of Ashwaubenon and Dutchman Creeks.

**University of Wisconsin - Green Bay, Natural and Applied Sciences** August 2020-May 2022  
*Teaching Assistant*

- Managed course Canvas pages, communicated with students about coursework deadlines and expectations for online labs
- Communicated one-on-one with students to answer questions about lab assignments and course material
- Graded student work and communicated with students about mistakes or challenges

**The Sigma Group, Milwaukee, WI** May 2018-August 2018  
*Geoscience Intern*

- Assisted with data entry, making and updating graphs, and organizing files for current and past remediation projects
- Traveled to sites to photograph and document progress of ongoing remediation efforts
- Analyzed Sanborn fire insurance maps to determine responsible parties of PCB contamination and compile relevant Environmental Site Assessment reports

**St. Norbert College, Department of Chemistry, De Pere, WI** August 2017-May 2018  
*Teaching Assistant*

- Assisted in weekly sophomore organic chemistry labs by answering questions and monitoring safety
- Ensured prep work was completed prior to lab, facilitated student use of IR instrument for analysis, and supervised lab cleanup procedures

## UNDERGRADUATE RESEARCH EXPERIENCE

**St. Norbert College, Department of Chemistry, De Pere, WI** August 2018-May 2019  
*Research Assistant*

- Collaborated with Dr. David Poister in the investigation of an unknown carotenoid pigment produced by Norway Maple trees during senescence
- Utilized HPLC to isolate the target pigment for further analysis and IR to determine its functionality
- Conducted research within a carotenoid database to find potential matches to unknown based on its chemical properties

**St. Norbert College, Department of Chemistry, De Pere, WI** May 2017-August 2017  
*Research Assistant*

- Worked under the direction of Dr. Jon Russel to synthesize various indole compounds

- Set up synthesis reactions and frequently ran columns to isolate and purify substances
- Performed NMR analysis to characterize and confirm the identity of reaction products

## **PRESENTATIONS**

### **St. Norbert College Undergraduate Research Forum**

April 12, 2019

“Identification of an Unknown Carotenoid in Norway Maple”

## **CERTIFICATIONS**

Wisconsin Boater’s Safety

May 2020

CITI Training (Animal Biosafety, Conflict of Interest, Responsible Conduct of Research)

May 2020

## **UNDERGRADUATE LEADERSHIP AND COMMUNITY OUTREACH**

**Women’s Tennis**, St. Norbert College, De Pere, WI

August 2015-May 2019

- Captain 2017-2019

**Michel’s Hall Service Learning**, St. Norbert College, De Pere, WI

August 2016-May 2017

- Guided community members through the clothing and furniture voucher process at St. Vincent de Paul

**Student Athlete Advisory Committee**, St. Norbert College, De Pere, WI

August 2016-May 2019