

**KATHERINE KING**  
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## **EDUCATION**

Michigan State University August 2022-Present  
Quantitative Fisheries Center  
**Degree:** M.S. in Fisheries and Wildlife

Michigan State University August 2018- May 2022  
College of Natural Science and Honor's College  
**GPA:** 3.949  
**Degree:** B.S. Environmental Biology/ Zoology

## **EXPERIENCE**

### **MICHIGAN STATE UNIVERSITY FISHERIES AND WILDLIFE DEPARTMENT, East Lansing, MI**

*Fisheries and Wildlife Grader for Aquatic Techniques* August 2022 – December 2022

- Gained teaching experience by running the laboratory section of the course alongside the professor.
- Helped present fisheries lesson material in lectures.
- Prepared lab materials for class each week.

### **KEYSTONE SCIENCE SCHOOL, Keystone, CO**

*Outdoor Education and Science Instructor/ Counselor* May 2022-August 2022

- Gained DEI experience working with a diverse group of children with a wide range of financial statuses.
- Taught lessons and activities about evolution, ecology and basic STEM concepts.
- Learned valuable wilderness skills and first aid techniques used when working in the backcountry.

### **MICHIGAN STATE UNIVERSITY BIOLOGICAL SCIENCE DEPARTMENT, East Lansing, MI**

*Undergraduate Teaching Assistant for Organismal and Population Biology* Jan 2021 – May 2022

- Assisted 3 different professors with grading assignments, exams and making keys for in class activities.
- Worked with MSU faculty and graduate students to organize the class before meeting with students.
- Held over 50 office hours and four review sessions to assist students course work and concepts from lecture.
- Gained experience teaching a lecture and presenting in front of a large classroom.

### **PROGRESSIVE AE, Grand Rapids, MI**

*Water Resources Intern* May 2021 – August 2021

- Performed water quality sampling techniques on 40 lakes throughout Michigan's Lower Peninsula.
- Worked with a Water Resource Specialist to conduct aquatic plant surveys on the lakes.
- Attended Township Hall and Lake Improvement Board Meetings with clients who hired Progressive AE.
- Visually identified various invasive and native aquatic plant species in the field.
- Mastered SONAR technology to map lake contours and plant composition.

## **CERTIFICATIONS**

Michigan Boater's Safety  
Wilderness First Aid  
CPR  
Medication Administration Training

## **SKILLS**

Trailer and launching boats independently.  
Biology Lab techniques- PCR, water quality sampling, streak plates, microscope, and gel electrophoresis experience.  
Proficient in Excel, Word, and PowerPoint.  
Michigan Boating Safety Certification.  
Knowledgeable using RStudio.  
Experienced using ArcGIS.

## **GRADUATE LEVEL COURSES**

Statistical Methods in Ecology and Evolution I  
Principles and Perspectives in Fisheries and Wildlife

## **PROFESSIONAL REFERENCES**

Rick Buteyn  
Water Resource Specialist  
Progressive AE  
1811 4 Mile Rd NE  
Grand Rapids, Michigan 49525  
708-476-6864  
buteynr@progressiveae.com  
Relationship: 2021 Internship Mentor

Kevin Henson  
Professor in the Biological Sciences Department  
Michigan State University  
642 Red Cedar Rd  
East Lansing, Michigan 49923  
517-884-3472  
hensonk1@msu.edu  
Relationship: Professor I worked for as an Undergraduate Learning Assistant

Sara Iverson  
Scientific Director of the Ocean Tracking Network  
Department of Biology, Dalhousie University  
1355 Oxford St.  
Halifax, NS  
902-494-2566  
[sara.iverson@dal.ca](mailto:sara.iverson@dal.ca)

Relationship: Career mentor