Brittnany Graham

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**Education:**

Master’s of Science, August 2024 - Present

School of Natural Resources, University of Tennessee

Bachelor’s of Science, 2020

Department of Biology, College of Charleston

**Experience:**

**School of Natural Resources, University of Tennessee**

Graduate Research & Teaching Assistant, M.S. August 2024 – present

* Organizing and planning field work for walleye tagging in Watts Bar Reservoir
* Collaborate closely with Tennessee Wildlife Resources Agency for project
* Establish study sites within Watts Bar Reservoir directly related to research
* Teaching Assistant to Fisheries Science Techniques
* Responsible for set up and break down of gear for students
* Responsible for updating grades

**United States Geological Survey**

Biological Science Technician – GS07 January 2024 – July 2024

* Curated telemetry database between 2021 – 2023 for the Columbia River Research Laboratory and Indigenous Tribes native to the Klamath River Basin
* Assisted with the collection and tagging of subyearling Chinook Salmon using PIT tags in the Klamath River Basin
* Created Aquatic Invasive Species protocol for CRRL and greater Western Fisheries Division of US Geological Survey
* Assisted with the collection and tagging of the critically imperiled Lost River Sucker in Upper Klamath Lake
* Wrote Standard Operating Procedures for and calibrated and successfully deployed Innovasea equipment in the Klamath River Basin

**Southern Illinois University**

Researcher I June 2021 – December 2023

* Lead telemetry researcher for the Wabash River which entailed organizing and leading field work; collaborating with other organizations; building, deploying, and downloading receivers; tagging invasive carp
* Confident ability to trailer and haul boats, in addition to maintaining the boats and all associated gear. Including winterizing boats, changing oil, fueling, and replacing vital pieces of equipment
* Helped maintain aquaculture research ponds
* Assisted in both grant funded projects and graduate student research projects ranging from hydroacoustic surveys to community assessment through electrofishing
* Completed scientific permits for both IDNR and INDNR, completing and meeting report deadlines
* Successfully planned, organized, and executed networking event and moderated session at 2023 AFS Grand Rapids, MI

**Saltwater, Inc**

Fisheries Observer August 2020 – April 2021

* Documented fishing effort and catch data from commercial fishing, determining species composition of catch, collecting biological samples, and implementing various sampling methodologies
* Reported regulatory compliance violations to the NOAA Fisheries Office of Law Enforcement, recording interactions of marine mammals and seabirds with fishing gear
* Maintained detailed logbook of activities, promoting safety at sea, and properly maintaining sampling equipment
* Communicated and partnered closely with both state and federal agencies

**Charleston Waterkeeper**

Assistant Program Coordinator September 2016 – May 2020

* Maintained a database used to keep track of progress and used data in local legislature to pass environmental policy
* Assisted with organizing and executing cleanups within the broader Charleston community to remove litter from Charleston’s waterways and estuary systems
* Promoted community-wide awareness of marine debris at local community events such as Southeastern Wildlife Exposition, High Water Festival, and Charleston Farmers Market
* Partnered with local conservation organizations to recycle oyster shells, build new oyster reefs, and restore habitats

**Current Skills**

* Microsoft Access and SQL Database Management
* Programming in R Software
* Proficient in ArcGIS
* PADI Open Water and Advanced Open Water certified diver
* Ability to communicate complex scientific material to a diverse population
* Comfortable working and interacting with people from various backgrounds – oral and written
* Proficient in Microsoft Office and Google Drive
* Teamwork and communication adaptability
* Basic Life Support (CPR and AED) Certified – American Heart Association

**Awards & Honors**

* Hazelwood Scholarship Award – University of Tennessee October 2024
  + Awarded $1,000 as first-generation Graduate Student
* Innovsea Student Discount – Innovasea, Halifax, Nova Scotia October 2024
  + Awarded 35% discount on research equipment
* Bonner Leadership Scholarship – College of Charleston August 2016
  + Awarded $10,000 for outstanding leadership qualities