

**From:** Garrett Street  
**Subject:** Assistant/Associate Professor of Aquatic Ecology

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#### POSITION ANNOUNCEMENT

Assistant/Associate Professor of Aquatic Ecology  
Department of Wildlife, Fisheries and Aquaculture  
College of Forest Resources, Mississippi State University

The Department of Wildlife, Fisheries and Aquaculture at Mississippi State University (MSU), is seeking applications for a full time, 9-month tenure-track faculty position at the Assistant/Associate Professor rank. This person will be involved in research, teaching, and service.

**LOCATION:** This position is on the MSU campus, located in Starkville, Mississippi. A description of the College of Forest Resources (CFR), the Forest and Wildlife Research Center (FWRC), and the Department of Wildlife, Fisheries and Aquaculture can be found at [https://urldefense.proofpoint.com/v2/url?u=http-3A\\_\\_www.cfr.msstate.edu\\_wildlife&d=DwIF-g&c=Ngd-ta5yRYsqeUsEDgxcqsYYY1Xs5ogLxWPA\\_2Wlc4&r=e2OJ1azRFn8ihJzb2HxZT0AqoiqLvxfeeTyN59ZLoI&m=gwsNnAjtpCze13R67SWik9xK--wnChE02yu9zdcnFtw&s=otUpc-PZhg2FiWI6GOFi8Z0LGxQMBina1r8WlJr13I&e=](https://urldefense.proofpoint.com/v2/url?u=http-3A__www.cfr.msstate.edu_wildlife&d=DwIF-g&c=Ngd-ta5yRYsqeUsEDgxcqsYYY1Xs5ogLxWPA_2Wlc4&r=e2OJ1azRFn8ihJzb2HxZT0AqoiqLvxfeeTyN59ZLoI&m=gwsNnAjtpCze13R67SWik9xK--wnChE02yu9zdcnFtw&s=otUpc-PZhg2FiWI6GOFi8Z0LGxQMBina1r8WlJr13I&e=)

**STARTING:** January 2, 2018, or as negotiated.

**REVIEW:** Begins September 1; will continue until filled.

**RESPONSIBILITIES:** We seek an ecologist specializing in aquatic vertebrates, invertebrates and plants, as well as water resources, whose research will combine a mix of observational, experimental and/or molecular approaches including advances in spatial and statistical modeling to address applied questions in aquatic ecology and impacts of agricultural land-use on aquatic ecosystems. We encourage applicants with expertise in the management of populations and monitoring, habitat use and animal movement, and those who integrate their work into the broader aquatic ecosystem context.

The primary responsibilities of this position will be the development of a productive, externally-funded, and nationally/internationally recognized research program, effective mentoring of graduate and undergraduate students, and teaching within the Wildlife, Fisheries and Aquaculture program. Teaching responsibilities may include undergraduate courses in aquatic and terrestrial ecology, ichthyology, limnology, management of aquatic ecosystems, etc. Graduate level courses consistent with the expertise of the candidate and with departmental and college needs may also be developed. Many courses in the department have a strong field component.

Potential areas of research opportunity and need include ecology of river and stream ecosystems, restoration of aquatic systems, management of invasive species, monitoring and conservation of threatened and endangered aquatic organisms, environmental toxicology, community ecology and use of eDNA for aquatic monitoring and surveys. The southeastern US is a place of unparalleled aquatic biodiversity and has some of the richest aquatic fauna of any temperate area in the world; unfortunately it is also one of the most imperiled ecosystems on the planet. Potential conservation focal areas within the state and region include threatened sturgeon, hellbenders, freshwater mussels, darter species, crayfish, alligator snapping turtle, aquatic pitcher plants, sea turtles and various marine mammal species, to name a few.

**QUALIFICATIONS:** Ph.D. with expertise in aquatic ecology and/or related discipline. Excellence in teaching, communication and organizational skills, procurement of extramural funds to accomplish research, facilitation of graduate students, publication of peer-reviewed and refereed publications, and a commitment to service are expected. The candidate must demonstrate the ability to collaborate with diverse science disciplines, various stakeholder groups and work closely with federal and state resource agencies to support long-term partnerships.

**PREFERRED QUALIFICATIONS:** Experience working on river/stream systems, postdoctoral or agency research experience, and mentoring and teaching

experience. Preference will be given to candidates whose research naturally crosses disciplinary lines and may address questions of relevance to state and regional agencies.

APPLY: Applications must be submitted online

([https://urldefense.proofpoint.com/v2/url?u=http-3A\\_\\_explore.msujobs.msstate.edu\\_cw\\_en-2Dus\\_job\\_496088\\_assistant-2D&d=DwIF-g&c=Ngd-ta5yRYsqeUsEDgxhcqsYYY1Xs5ogLxWPA\\_2Wlc4&r=e2OJ1azRFn8ihJzb2HxZT0AqoiqLvxfeeATyN59ZLoI&m=gwsNnAjtpCze13R67SWik9xK--wnChE02yu9zdcnFtw&s=M-ImA6W9LmElJWKnw1K66YANJcQ74bIZH24Lie1jOc&e=](https://urldefense.proofpoint.com/v2/url?u=http-3A__explore.msujobs.msstate.edu_cw_en-2Dus_job_496088_assistant-2D&d=DwIF-g&c=Ngd-ta5yRYsqeUsEDgxhcqsYYY1Xs5ogLxWPA_2Wlc4&r=e2OJ1azRFn8ihJzb2HxZT0AqoiqLvxfeeATyN59ZLoI&m=gwsNnAjtpCze13R67SWik9xK--wnChE02yu9zdcnFtw&s=M-ImA6W9LmElJWKnw1K66YANJcQ74bIZH24Lie1jOc&e=)) professor-or-associate-professor; position (PARF# 496088) and should include a cover letter, curriculum vitae, and statements of research and teaching philosophies. Send official and complete college transcripts, reprints of recent refereed publications, and 3 letters of recommendation to:

Dr. Beth Baker, Ph.D.  
Faculty Search and Screening Committee (Aquatic Ecology)  
Box 9690  
Department of Wildlife, Fisheries and Aquaculture  
Mississippi State, MS 39762  
[beth.baker@msstate.edu](mailto:beth.baker@msstate.edu)

For more information, call (662) 325-7491 or email at [beth.baker@msstate.edu](mailto:beth.baker@msstate.edu).

MSU is an equal opportunity employer, and all qualified applicants will receive consideration for employment without regard to race, color, religion, ethnicity, sex (including pregnancy and gender identity), national origin, disability status, age, sexual orientation, genetic information, protected veteran status, or any other characteristic protected by law. We always welcome nominations and applications from women, members of any minority group, and others who share our passion for building a diverse community that reflects the diversity in our student population.