

Assistant Professors
Aquatic Ecology/Evolutionary Biology
Department of Biological Sciences
The Jess and Mildred Fisher College of Science and Mathematics
FCSM-3503

Positions:

The Fisher College of Science and Mathematics invites applications for two tenure-track Assistant Professor appointments in the area of Aquatic Ecology/Evolutionary Biology in the Department of Biological Sciences beginning August 2022. Salary is commensurate with experience.

Qualifications:

PhD in the biological sciences. Successful applicants are expected to possess a strong commitment to excellence in teaching students from diverse backgrounds, to establish a productive research program involving undergraduate and master's students, and to actively pursue extramural funding for that research. Individuals with postdoctoral experience are strongly encouraged to apply. Candidates should be able to demonstrate a commitment to teaching, advising, and mentoring students from a diverse student body including students of color and non-traditional students.

Responsibilities:

For all positions, the teaching load will usually consist of 1-2 classes each semester. Faculty will teach at the undergraduate and graduate level. Development of a course-based undergraduate research laboratory class (CURE) is encouraged and supported via faculty professional development opportunities.

The candidates are expected to develop a field and/or collections-based research program that involves undergraduate and graduate students with an emphasis on aquatic ecosystems. Teaching responsibilities will include General Zoology and one graduate course in the candidate's area of specialization, along with at least one of General Ecology, Marine Biology, Limnology, Ornithology, Biostatistics or other upper-level undergraduate course with a systems or organismal focus.

Department of Biological Sciences:

The Department of Biological Sciences (<https://www.towson.edu/fcsm/departments/biology/>) supports research spanning multiple disciplines with an emphasis on collaborative, interdisciplinary work in cell and molecular biology; ecology, evolution and conservation; physiology; and science education. Faculty also actively contribute to three interdisciplinary degree programs: Animal Behavior; Molecular Biology, Biochemistry and Bioinformatics; and Environmental Science and Studies. The department is dedicated to providing high-quality education to both undergraduate and Master's students, with a focus on endowing students with the knowledge, skills and techniques necessary for success at Towson University and beyond. In particular, we are committed to providing all students an opportunity to engage in research, both through conducting independent research in faculty labs as well as participating in course-based undergraduate research (CURE) laboratory classes. With funding from an Inclusive Excellence grant from the Howard Hughes Medical Institute, we are creating new CURE classes in diverse disciplines in Biology and other departments. This grant along with our NIH-funded Bridges to the Baccalaureate and Bridges to the Doctorate

grants highlights our ongoing commitment to supporting our diverse student body in reaching their educational and career goals in science.

In 2021 the Department, along with Chemistry and Physics, Astronomy and Geoscience, moved into a new science building which created additional opportunities for collaboration and data collection. The new Science Complex houses the TU Biodiversity Center, a state-of-the-art collections facility focused largely on the mid-Atlantic region. The largest holdings of the Center are in amphibians and reptiles, insects and plants, with additional collections of birds, fish, mammals and non-insect invertebrates. The Urban Environmental Biogeochemistry Laboratory provides extensive equipment and collaboration opportunities across the three departments housed in the Science Complex. Field research opportunities exist at our 220-acre field station 20 miles north of campus with access to the Gunpowder River and at our Research and Education Center in Port Deposit, Maryland on the Susquehanna River.

Towson University:

Towson University (www.towson.edu) was founded in 1866, is recognized by U.S. News & World Report as one of the top public universities in the Northeast and Mid-Atlantic regions, is Baltimore's largest university, and is the largest public, comprehensive institution in the University of Maryland System. TU enrolls over 19,000 undergraduates and more than 3,000 graduate students across six academic colleges (business, education, fine arts, health professions, liberal arts, science & mathematics), has over 900 full-time faculty, and offers 65 bachelor's, 42 master's, and 4 doctoral programs. Our centrally located campus sits on 330 rolling green acres and is 10 miles north of Baltimore, 45 miles north of Washington D.C., and 95 miles south of Philadelphia.

Application Process:

Interested applicants should submit a letter of application that addresses the posting details and qualifications. Applications must also include: (1) a curriculum vitae, (2) a teaching statement, (3) a research statement that addresses current areas of expertise and future research agenda, and (4) a statement describing the applicant's commitment to diversity, equity, and inclusion. All application materials should be submitted electronically via the application link, preferably in a single PDF file.

Click [here](#) to apply to the Aquatic Ecology/Evolutionary Biology position.

In addition, three letters of reference should be sent directly to: Mrs. Sarah Grue (sgrue@towson.edu) for the Ecology/Evolutionary Biology positions. Questions for the Ecology/Evolutionary Biology positions should be directed to the Search Chair, Dr. Vanessa Beauchamp (vbeauchamp@towson.edu).

Review of applications begins immediately and continues until the position is filled.

A Criminal Background Investigation is required for the hired candidate and the results may impact employment.

Please be sure to visit the [Applicant Data Form](#) to complete a voluntary on-line applicant data form. The information you provide will inform the university's affirmative action plan

and is for statistical-related purposes only. The information will not be used for any other purpose.

Towson University is an equal opportunity/affirmative action employer and has a strong institutional commitment to diversity, as detailed in *A More Inclusive TU: Advancing Equity and Diversity (2020 – 25)*. TU is a national leader in inclusive excellence, the only institution in Maryland with zero achievement gap, and 68% growth in minority enrollment over the past 5 years. We encourage application from a variety of (dis)abilities, cultural, ethnic, race, sex, gender identity/expression, national origin, age, veteran status, color, religious, socio-economic, sexual orientation and belief backgrounds.