

# Associate Professor of Aquatic Ecology and Associate Director of PEREC (Tenure-Track)

## Position Information

<b>Department</b>	Environmental Science & Policy (ESP)
<b>Alternate Department Description</b>	
<b>Criminal Background Check</b>	Standard Background Check
<b>Motor Vehicle Background Check</b>	Yes
<b>Statement of Economic Interest</b>	Not Applicable
<b>Job Category</b>	Instructional Faculty
<b>Role (State) Job Title</b>	Associate Professor of Aquatic Ecology and Associate Director of PEREC (Tenure-Track)
<b>Working Title</b>	Associate Professor of Aquatic Ecology and Associate Director of PEREC (Tenure-Track)
<b>Job Type</b>	Full-Time
<b>Position Number</b>	F675AZ
<b>Recruit Number</b>	FAC8471
<b>Working Hours</b>	
<b>Location</b>	Fairfax, VA
<b>Other Location</b>	Potomac Science Center
<b>Pay Band</b>	
<b>Salary</b>	Commensurate with education and experience.
<b>Web Announcement</b>	<p><b>Associate Professor of Aquatic Ecology and Associate Director of PEREC (Tenure-Track)</b></p> <p>The George Mason University Department of Environmental Science and Policy (ESP) and its Potomac Environmental Research and Education Center (PEREC) are seeking an energetic and experienced individual for a full time, 9-month, tenure track position to serve as Associate Professor and Associate Director of PEREC beginning in August 2022. It is anticipated that this hire will also qualify as the Associate Director of PEREC, and be in line for the Directorship within 2-3 years of joining Mason.</p> <p>George Mason University, a Carnegie Research I institution, is the largest, most diverse, and innovative public university in Virginia with more than 38,000 students from all 50 states and over 135 countries. Located in Fairfax, Virginia, Mason is part of the Washington, D.C., metropolitan area, offering easy access to the scientific and political resources of the nation's capital. Mason has a strong institutional commitment to the achievement of excellence and diversity among its faculty and staff, and it strongly encourages candidates to apply who will enrich Mason's academic and culturally inclusive environment.</p> <p>PEREC occupies about 20,000 ft<sup>2</sup> at the waterfront Potomac Science Center located on the tidal Occoquan River in the Belmont Bay section of Woodbridge, Virginia, about 30 minutes from Mason's Fairfax Campus. PEREC has an excellent infrastructure of research labs, teaching labs, support rooms and offices with a team of eight faculty researchers from 3 College of Science (COS) departments: five from ESP, two from Chemistry, and one from Atmospheric, Oceanic and Earth Sciences; collaborating on multiple studies of the tidal Potomac River. The</p>

team has numerous research projects including the 38-year Gunston Cove ecosystem study and the more recent ecosystem study at Hunting Creek. Other research foci include micropollutants, microplastics, harmful algal blooms, coral reef studies, and molecular approaches.

#### Responsibilities/Duties

- Participate in leading PEREC's program and funding initiatives,
- Contribute to PEREC's administrative management,
- Lead interdisciplinary research teams to obtain substantial external funding,
- Participate in PEREC's long-term ecological studies of Gunston Cove and Hunting Creek on the tidal freshwater Potomac,
- Conduct normal academic duties of teaching, research, and service,
- Maintain an extramural research program.

#### Required Qualifications

- Successful completion of a Ph.D. in environmental science, biology, botany, aquatic ecology, or related field prior to the first day of the appointment,
- Demonstrated research experience in algal ecology, plankton ecology, and/or aquatic macrophyte ecology,
- The ability to share the department's commitment to interdisciplinary education and research,
- An established record of scholarly activity demonstrated by publication record in peer-reviewed journals,
- Demonstrated experience in establishing independent extramurally funded research program, student mentoring, and strong academic leadership,
- Commitment and interest in teaching lecture and laboratory courses at the undergraduate and graduate levels,
- Effective interpersonal communication skills; and
- The ability to collaborate with other natural scientists and social scientists in research, teaching and outreach.

#### Preferred Qualifications

- Ability to use computational and/or genomic approaches to research problems,
- Expertise in multivariate and univariate statistical approaches to analysis of field and laboratory data,
- Ability to communicate scientific knowledge to a broad range of stakeholders,
- Knowledge of higher education practices and procedures,
- Proven ability to lead and obtain funding for multi-investigator research programs.

#### About Us

As one of the academic units of COS, ESP is well known for its truly interdisciplinary faculty focused on environmental natural and social sciences. ESP also includes additional graduate program faculty from across the university and numerous affiliated environmental professionals. The following degrees are awarded: B.S. in Environmental Science, B.A. in Environmental and Sustainability Studies, M.S. in Environmental Science and Policy, and a Ph.D. in Environmental Science and Public Policy (<http://esp.gmu.edu/>). ESP has a strong institutional commitment to the achievement of excellence among its faculty and staff and strongly encourages candidates to apply who will enrich our academic and culturally inclusive environment. We are deeply committed to increasing diversity and encourage applications from women and minority scholars.

For more information about the department, visit us online at <https://esp.gmu.edu/>

For more information about PEREC, visit us online at <https://cos.gmu.edu/perec/>

For more information about the College of Science, visit <https://cos.gmu.edu/>

Review of applications will begin as they are submitted and will continue until the position is filled. For full consideration, applications should be submitted by **November 15, 2021**. It is anticipated that zoom interviews of semifinalists will be conducted before the winter break.

#### Special Instructions to Applicants

For full consideration, applicants must apply at <https://jobs.gmu.edu/>; complete and submit the online application; and also include:  
(1) cover letter,  
(2) CV,

	(3) summary of past, current, and anticipated research (2-3 pages), (4) statement of research and teaching philosophy (2 pages), (5) Names and email addresses of professional references (at least 3 from academic institutions), (6) Statement of academic leadership and management philosophy (related to PEREC's management) (2 pages), (7) Diversity statement (please indicate past, present and anticipated activities for promoting equity, inclusion, and diversity).
<b>For Full Consideration, Apply by:</b>	February 1, 2022
<b>Posting Date</b>	09/27/2021
<b>Job Close Date</b>	
<b>Open Until Filled?</b>	Yes
<b>Telework Friendly?</b>	
<b>Mason Ad Statement</b>	<p>Great Careers Begin at Mason!</p> <p>George Mason University is an innovative, entrepreneurial institution with national distinction in both academics and research. Mason holds a top <i>U.S. News and World Report</i> "Up and Coming" spot for national universities and is recognized for its global appeal and excellence in higher education.</p> <p>Mason is currently the largest and most diverse university in Virginia with students and faculty from all 50 states and over 135 countries studying in over 200 degree programs at campuses in Arlington, Fairfax and Prince William, as well as at learning locations across the commonwealth. Rooted in Mason's diversity is a campus culture that is both rewarding and exciting, work that is meaningful, and opportunities to both collaborate and create.</p> <p>If you are interested in joining the Mason family take a look at our current opportunities and catch some Mason spirit at <a href="http://jobs.gmu.edu/">jobs.gmu.edu/</a>!</p> <p>George Mason University, Where Innovation is Tradition.</p> <p>New hires starting after August 15, 2021, must have received at least one COVID-19 vaccination by their start date, be fully vaccinated within 45 days of their start date, and submit documentary proof unless they have an approved medical or religious exemption by their start date. For updated George Mason University COVID-19 vaccination requirements, please visit <a href="#">George Mason University Vaccination Requirements</a>.</p>
<b>Equity Statement</b>	George Mason University is an equal opportunity/affirmative action employer, committed to promoting inclusion and equity in its community. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, age, disability or veteran status, or any characteristic protected by law.
<b>Campus Safety Information</b>	<b>Mason's Annual Security and Fire Safety Report is available at <a href="http://police.gmu.edu/annual-security-report/">http://police.gmu.edu/annual-security-report/</a></b>

## Supplemental Questions

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Required fields are indicated with an asterisk (\*).

## Required Documents

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### Required Documents

1. Cover Letter
2. CV
3. Research Statement
4. Philosophy of Teaching
5. List of Professional References
6. Other Doc (as specified in Special Instructions)

**Optional Documents**