

Assistant Professor in Benthic Ecology or Biogeochemical Modeling

The Department of Marine Sciences (DMS) at the University of Connecticut (UConn) anticipates an opening for a tenure-track Assistant Professor in **Benthic Ecology** or **Biogeochemical Modeling** starting in Fall 2017.

Benthic Ecology: We seek candidates whose research employs a combination of theoretical, empirical, and field approaches. All areas of marine benthic ecology will be considered, but candidates whose research involves the interactions of anthropogenic and natural factors on benthic processes, adaptations of benthic populations to changing environments, and novel technical or methodological approaches (e.g., ecosystem modeling, statistical modeling, meta-analyses, and molecular analyses) will be given priority.

Biogeochemical Modeling: We seek candidates whose research interests include cycling of important elements in biogeochemical cycles in the ocean, the influence of anthropogenic factors on these cycles, and the interaction of these cycles with ecosystem dynamics, and climate. Areas of expertise can span from human to geological time scales and from estuarine to global spatial scales. We seek applicants that can 1) construct new models or advance existing models and 2) can place field-based measurements into a quantitative, process-based framework.

The successful candidate's research should complement the existing research programs in DMS. Opportunities exist for collaboration within the interdisciplinary environment of DMS, as well as with colleagues in other departments at UConn. Teaching duties include undergraduate and graduate courses that support the DMS curriculum, as well as specialized courses in the candidate's area of expertise. Advising undergraduate and graduate students is required. Professional service to the Department, the University, and the scientific community is expected.

Successful candidates will also be expected to broaden participation among members of under-represented groups; and develop, as appropriate, pedagogical techniques designed to meet the needs of diverse learning styles and intellectual interests.

Minimum Qualifications:

1. Ph.D. degree at time of application and postdoctoral experience at time of appointment in area relevant to either of the advertised positions (e.g., oceanography, marine sciences, biogeosciences, marine ecology and evolution). Equivalent foreign degrees are acceptable.
2. Evidence, commensurate with length of time after the Ph.D. degree, of strong research and publication records.
3. Excellent communication skills.
4. Demonstration, through publication and research records, of the applicant's ability to contribute to the advertised position.

Preferred Qualifications:

1. Evidence of capability to generate and grow an innovative research program.
2. Strong commitment to excellence in teaching, training, and mentoring of students from all backgrounds including under-represented groups.

Appointment Terms:

This is a full time, nine-month, tenure-track position at the rank of Assistant Professor with an expected start date of August 23, 2017. Salary will be commensurate with qualifications and experience. The position is located at the Avery Point Campus, Groton, CT. Faculty may also be asked to teach at UConn's main campus at Storrs, CT as part of their ordinary workload.

To Apply:

Select "Apply" to submit the following materials via Academic Jobs Online (<https://academicjobsonline.org/ajo/jobs/8654>): **a cover letter** addressing minimum and preferred qualifications; **curriculum vitae**; **a summary of research accomplishments and future research plans** (3 pages maximum); **a description of teaching experience, interests, and approach** (2 pages maximum); and a statement addressing **commitment to diversity and excellence of the learning experience** (1 page maximum); **contact information for three references** who can address your qualifications for the advertised position; up to **three publications** relevant to the advertised position.

To ensure full consideration, completed applications should be received by February 17, 2017. Women and members of underrepresented groups are particularly encouraged to apply. Employment of the successful candidate is contingent upon the successful completion of a pre-employment criminal background check. (Search # 2017259)

The University of Connecticut is in the midst of a transformational period of growth supported by the \$1.7B Next Generation Connecticut (<http://nextgenct.uconn.edu/>) and the \$1B Bioscience Connecticut (<http://biosciencect.uhc.edu/>) investments and a bold new Academic Plan: Path to Excellence (http://issuu.com/uconnprovost/docs/academic-plan-single-hi-optimized_1).

To learn more about DMS, visit: www.marinesciences.uconn.edu.

All employees are subject to adherence to the State Code of Ethics which may be found at <http://www.ct.gov/ethics/site/default.asp>.

The University of Connecticut is committed to building and supporting a multicultural and diverse community of students, faculty and staff. The diversity of students, faculty and staff continues to increase, as does the number of honors students, valedictorians and salutatorians who consistently make UConn their top choice. More than 100 research centers and institutes serve the University's teaching, research, diversity, and outreach missions, leading to UConn's ranking as one of the nation's top research universities. UConn's faculty and staff are the critical link to fostering and expanding our vibrant, multicultural and diverse University community. As an Affirmative Action/Equal Employment Opportunity employer, UConn encourages applications from women, veterans, people with disabilities and members of traditionally underrepresented populations.