University of Connecticut
Marine Sciences

College of Liberal Arts and Sciences

Department of Marine Sciences

Marine Sciences & Technology Center

UConn Marine Sciences Faculty Cluster Hire

As part of a major faculty expansion at the University of Connecticut, the Department of Marine Sciences is implementing a cluster hire in a new initiative on **Climate and Human Alteration of Coastal Ecosystems (CHACE)**. The goal of this initiative is to enhance the University's national presence and leadership and to enable the Department of Marine Sciences to compete successfully in related multi-investigator and multi-institutional initiatives. The CHACE theme is an expression of the Department's overarching mission in cross-disciplinary analysis of patterns and processes in the coastal ocean. We are seeking three new tenure-track faculty members, who will work synergistically and contribute to the CHACE initiative, in the areas of 1) coupled atmosphere-ocean modeling, 2) geochemistry/paleogeochemistry, and 3) marine ecology/evolutionary biology. (See position descriptions below.)

Position summaries:

Coupled atmosphere-ocean modeling (Search # 2013226): We seek an individual who uses dynamic coupled models to investigate the complex interactions between the sea, land, and air in coastal regions on synoptic to decadal time scales. Preferred specialties include atmospheric forcing of the coastal ocean, modeling recent and future climate variability in estuarine and continental shelf waters, regional climate downscaling using high resolution models for coastal research, impacts of extreme events and climate change on coastlines, and inland transport of natural and anthropogenic compounds in health-related studies.

Geochemist/paleogeochemist (Search # 2013227): We seek a geochemist interested in examining fundamental alterations in ocean geochemistry in coastal environments, in the recent (anthropocene) or distant past to inform understanding of the impact of climate, humans, and other environmental change. Preferred approaches include radioisotopes, stable isotope ratios, or other proxies, or modeling.

Marine ecologist/evolutionary biologist (Search # 2013228): We seek an individual whose work focuses on organismal and population adaptations to climate and human-mediated environmental changes. Preference will be given to candidates who employ a combination of theoretical, empirical and experimental analyses that enable understanding and prediction of biological responses to changes in coastal ocean habitats.

Teaching/Service:
Teaching duties will include undergraduate and graduate courses that support the Department of Marine Sciences' curriculum, as well as specialized courses in the candidate's area of expertise. Professional service to the Department and the University is expected.

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Qualifications:

Minimum Qualifications:
1) Ph.D. at time of appointment in area relevant to each position (oceanography, atmospheric sciences, biogeosciences, chemistry, marine ecology, evolutionary biology, or similar). Equivalent foreign degrees are acceptable. 2) Postdoctoral experience. 3) Evidence (commensurate with length of time after the Ph. D. degree) of strong research and publication records. 4) Excellent communication skills. 5) Demonstration (through publication and research records) of the applicant's ability to contribute to the CHACE initiative.

Preferred Qualifications:
1) Evidence of capability to generate extramural funding to maintain and grow a significant research program. 2) Strong commitment to excellence in teaching, training, and mentoring of students. 3) Demonstrable ability to contribute through research, teaching, and/or public engagement to the diversity and excellence of the learning experience at the University of Connecticut.

Appointment Terms

9-month, tenure-track Assistant, Associate, or Full Professor. One position will be filled at the Assistant Professor level and the other two at open rank (preference will be given to pre-tenure candidates); expected start date August 2013. Salary is commensurate with level of appointment and experience. Positions are at the Avery Point Campus.

To Apply

Please apply online using Husky Hire (www.jobs.uconn.edu) to submit a single Word or PDF file with materials in this order: 1) a letter of application indicating for which position the candidate is applying (search # 2013226, 2013227 or 2013228), 2) curriculum vitae, 3) brief statement of research and teaching interests, including how the applicant can contribute to CHACE (two page total), 4) contact information for three references. Review of applications will begin October 30. The University of Connecticut is an EEO/AA employer. The Department of Marine Sciences particularly encourages women and members of underrepresented groups to apply.

To learn more about Marine Sciences at UConn, visit: www.marinesciences.uconn.edu.