Assistant Professor of Crop Physiology
University of New Hampshire

The Department of Agriculture, Nutrition, and Food Systems (ANFS) within the University of New Hampshire's College of Life Sciences and Agriculture (COLSA) invites applications for Assistant Professor of Crop Physiology. This announcement is part of a cluster hire for three tenure-track positions focused on the interrelated human and agroecological aspects of our food system, with the other two positions focusing on Food Systems Science and Human Nutrition. The anticipated start date for all three hires is August 20, 2018.

Position description

We seek candidates with demonstrated expertise in plant metabolomics, plant-substrate-environment relationships, crop response to abiotic and biotic stresses, and/or postharvest physiology. Crop species of interest could be horticultural (fruits, vegetables, ornamentals), agronomic (grains, forages), or others (biofuel, cover crops). Ideally, applicants will have experience with, or very strong interest in, applying their research to enhancing crop nutritive value and/or addressing regionally-specific challenges to crop production. The successful candidate will be prepared to teach undergraduate and graduate courses in crop physiology.

The hired candidate is expected to develop productive, internationally-recognized, and externally-funded research programs that work collaboratively across disciplines; to provide excellent training for our graduate students; and to develop and teach innovative courses at both the graduate and undergraduate levels. Undergraduate education, including provision of directed research opportunities, is an area of distinction that will be strengthened through this cluster.

Qualifications

The successful candidate will: 1) Hold a Ph.D. in a relevant discipline and have a demonstrated interest in integrating across multiple dimensions of the food system; 2) Have a record of significant scholarly research that aligns with the position description and complements existing expertise within the department and college; 3) Demonstrate excellent potential in teaching and mentoring of our graduate and undergraduate students; 4) Possess strong communication and interpersonal skills; and 5) Understand and appreciate the integrated teaching, research, and service components of UNH's land-grant mission and the transdisciplinary alignment of agriculture, nutrition, and food systems science in higher education.

Application instructions

Applicants should submit the following along with their application: 1) Cover letter, 2) Curriculum vitae, 3) Contact information for three (3) professional references, 4) Research statement, and 5) Statement of teaching philosophy. Submission deadline is March 9, 2018. All materials should be submitted online at https://jobs.usnh.edu/postings/28433.

Department and College Description:
The ANFS Department currently serves 428 undergraduate majors through its Animal Science, Nutrition, Equine Studies, and Sustainable Agriculture and Food Systems programs, as well as 25 graduate students and interns through a variety of departmental and college-wide programs. Current faculty research areas include animal and plant production, plant breeding and applied genomics, plant pathology, dairy cattle nutrition, and human nutrition (http://colsa.unh.edu/anfs). ANFS is one of five academic units within COLSA, which also includes the state's Agriculture Experiment Station. The college has experienced significant growth in interdisciplinary life sciences fields over the past five years, including recruitment of new faculty and increased undergraduate and graduate enrollments. Relevant college facilities include the Hubbard Center for Genome Studies, the Woodman and Kingman Agricultural Research Farms, the Fairchild Dairy Teaching and Research Center, the Organic Dairy Research Farm, the Macfarlane Greenhouses, the Lou & Lutza Smith Equine Center, and the Nutrition Assessment and Simulation Laboratory.

University Description and Mission:
Located in Durham on a 188-acre campus, 60 miles north of Boston, 8 miles from the Atlantic coast, and conveniently close to New Hampshire's lakes and mountains, UNH is a major research institution, providing comprehensive, high-quality undergraduate programs and graduate programs of distinction. The University has an enrollment of 15,000 students and a full-time faculty of over 600, offering 90 undergraduate and more than 70 graduate programs. The primary purpose of the University is learning, with students and faculty collaborating in teaching, research, creative expression, and service. UNH is a Land, Sea, and Space-Grant University, recognized nationally and internationally for research excellence, and uncommon attention to undergraduate education. Widely known for its commitment to sustainability, the University is also one of only three institutions of higher education in the country to earn a STARS Platinum rating from the Association for the Advancement of Sustainability in Higher Education (AASHE).

EEO Statement
The University System of New Hampshire is an Equal Opportunity/Equal Access/Affirmative Action employer. The University System is committed to creating an environment that values and supports diversity and inclusiveness across our campus communities and encourages applications from qualified individuals who will help us achieve this mission. The University System prohibits discrimination on the basis of race, color, religion, sex, age, national origin, sexual orientation, gender identity or expression, disability, veteran status, or marital status. Application by members of all underrepresented groups is encouraged. Hiring is contingent upon eligibility to work in the U.S.