

# University of New Hampshire

## Assistant Professor of Horticultural Plant Breeding

### Position Summary

We seek a tenure-track faculty member with demonstrated expertise in the area of plant genetic improvement to join an interdisciplinary department of colleagues committed to enhancing the sustainability of the farm-to-fork-to-human wellness continuum through teaching and engaged research activities. The appointee is expected to develop an externally funded, nationally recognized research program focused on the applied genetic improvement of horticultural crops relevant to our agroecoregion and beyond. Bringing genome-enabled trait development and breeding strategies to bear, the successful candidate is expected to work on horticultural crop improvement to enhance crop adaptation to present and future climactic conditions, tolerance to evolving biotic stresses, and marketable qualities. The ideal candidate will be equipped to characterize and improve targeted biochemical determinants of culinary and nutritional quality.

In addition to establishing a high-impact, externally funded research program, the successful candidate will be expected to recruit and train graduate students, as well as develop and teach vibrant, high-quality courses at both the undergraduate and graduate levels, namely an upper level horticultural production systems course and plant genetics courses in support of our graduate program. Undergraduate education, including provision of directed research opportunities, is an area of distinction at the University of New Hampshire (UNH) that will be further strengthened with this position.

Candidates should upload the following documents at the time of application: Cover letter, resume/CV, research statement, statement of teaching philosophy, and contact information for three professional references. The search committee will begin reviewing applications on December 1, 2021.

Questions regarding this position can be directed to the chairs of the search committee, Dr. Iago Hale ([iago.hale@unh.edu](mailto:iago.hale@unh.edu)) and Dr. Becky Sideman ([becky.sideman@unh.edu](mailto:becky.sideman@unh.edu)).

Please note that the College of Life Sciences and Agriculture at the University of New Hampshire is committed to continuously improving our learning environment, one that values and supports diversity and inclusiveness across our campus, and we encourage and value applications from qualified individuals who will help us achieve this mission.

### Acceptable Minimum Qualifications

1. Ph.D. in Genetics, Plant Breeding, or a related field
2. Evidence of research and teaching excellence in plant genetic improvement
3. Demonstrated potential for excellence in teaching and mentoring both undergraduate and graduate students
4. Demonstrated potential for securing robust extramural research funding
5. Demonstrated understanding of and appreciation for the integrated teaching, research, and service components of our land-grant mission
6. Strong communication and interpersonal skills

### Additional Preferred Qualifications

1. Postdoctoral training
2. Teaching and/or advising experience at the undergraduate or graduate level