Assistant Professor in Plant Biology

UNC Chapel Hill Department of Biology
Chapel Hill, North Carolina, United States

Description

The Department of Biology at UNC Chapel Hill (https://bio.unc.edu/) is searching for a cluster hire of three tenure track Assistant Professors to study critical questions in Plant Molecular Biology and Plant Evolutionary Biology.

Plant Molecular Biologist (2 positions) We seek candidates who focus on molecular mechanisms that illuminate fundamental aspects of the biology of plants, including their interactions with other organisms. We seek candidates who work across scales, using transdisciplinary approaches including genetics, molecular, cellular biology, biochemistry and/or omic approaches. Research programs that leverage model systems and/or have direct relevance to sustainable agriculture are particularly desirable.

Plant Evolutionary Biologist: We seek candidates asking important questions in plant evolutionary biology. Topics of interest may include but are not limited to biodiversity, macroevolution, evolutionary response to global change, or evolutionary mechanisms. We especially encourage applications from scientists who study evolution across scales and integrate different approaches, such as genomic, molecular, phylogenetic, or computational techniques; and/or who combine laboratory experimentation with studies of natural populations.

All candidates must have earned a Ph.D. or equivalent degree, have post-doctoral research experience, and be committed to teaching at the undergraduate and graduate levels. Successful candidates are expected to build an active research group, secure competitive external funding, and participate actively in the scientific community at UNC-CH.

The University of North Carolina at Chapel Hill is a vibrant center of scientific discovery and innovation, with a commitment to collaboration. Our large research base spans many areas of biology and supports several outstanding graduate programs. The Department of Biology consists of over 50 faculty engaged in basic and interdisciplinary research, within the department and between other departments and schools at UNC.

Successful candidates will have opportunities for synergy with other units at UNC such as the curriculum in Genetics and Molecular Biology, the Curriculum in Bioinformatics and Computational Biology, the Environment, Ecology, and Energy Program, the Departments of Geography, Earth Marine and Environmental Sciences, and Applied Physical Sciences, the NC Botanical Garden and Herbarium, the School of Data Science, the Institute of Convergent Sciences, The Galapagos Center, the Institute for the Environment, and the Carolina Biodiversity Collaborative.

UNC faculty, postdocs and graduate students routinely interact with colleagues at nearby Duke and North Carolina State Universities, and institutions in Research Triangle Park. The quality of life in North Carolina's Triangle area is consistently rated among the highest in the nation.

The University of North Carolina at Chapel Hill is an equal opportunity and affirmative action employer. All qualified applicants will receive consideration for employment without regard to age, color, disability, gender, gender expression, gender identity, genetic information, national origin, race, religion, sex, sexual orientation, or status as a protected veteran.

To apply visit:

Molecular - https://unc.peopleadmin.com/postings/288640

Evolutionary - https://unc.peopleadmin.com/postings/288645

Submit a cover letter, curriculum vitae, a research statement (≤3 pages), a teaching and mentoring statement (≤1 pages) and 3 representative publications. The cover letter should state whether the applicant would like to be considered for a Plant Molecular Biology or Plant Evolutionary Biology position, or both. In addition, please provide the names and contact information for four references in the cover letter.

For further details contact biolsearch@unc.edu.

Requirements

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