

Job Description

Post Dr Assoc-22613

Description

**Postdoctoral Associate
Department of Plant Breeding and Genetics
College of Agriculture and Life Sciences
Cornell University
Ithaca, New York**

A postdoctoral associate position in Quantitative Genetics and Genomics is immediately available in the Department of Plant Breeding and Genetics at Cornell University. The successful candidate will collaborate closely with a diverse team of scientists on an NSF funded project titled "A field-based high-throughput phenotyping platform for plant genetics." Specifically, the candidate will develop and apply statistical and computational approaches to identify quantitative trait loci (QTL) controlling agronomic, fiber quality, and physiological traits in cotton. In addition, there will be opportunities for collaborative research on the development of novel high-throughput phenotyping approaches for cotton with USDA-ARS scientists located at the U.S. Arid-Land Agricultural Research Center in Maricopa, Arizona, and Kansas State University in Manhattan, Kansas (<http://fieldphenomics.org/>).

Qualifications

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Applicants should have a Ph.D. in Plant Breeding, Plant Genetics, Plant Physiology, Agronomy, or related discipline. Applicants having research skills and experience in remote sensing, algorithm development, SAS and ASReml programming, linkage analysis, crop modeling, and/or high-throughput phenotyping are especially encouraged to apply.

Applicants are expected to have a strong publication record, exhibit creativity in their work, and enjoy collaborative interactions. The position will initially be available for 1 year with renewal of up to 2 years based on performance.

Cornell University provides a stimulating intellectual environment with many internationally recognized research programs in plant genetics, genomics, and breeding.

How to Apply

A letter of interest in the position, C.V., and contact information for three references should be emailed to Michael Gore at:

mag87@cornell.edu

Review of applications will begin immediately and continue until the position is filled.

Cornell University is an innovative Ivy League university and a great place to work. Our inclusive community of scholars, students and staff impart an uncommon sense of larger purpose and contribute creative ideas to further the university's mission of teaching, discovery and engagement. Located in Ithaca, NY, Cornell's far-flung global presence includes the medical college's campuses on the Upper East Side of Manhattan and Doha, Qatar, as well as the new Cornell Tech campus to be built on Roosevelt Island in the heart of New York City.

Diversity and inclusion have been and continue to be a part of our heritage. Cornell University is a recognized EEO/AA employer and educator.

Job

-Academic

Primary Location

-Ithaca

Organization

-Plant Breeding

Schedule

-Full-time