Postdoctoral Research Associate in Small Grains Breeding, Purdue University

Description: A motivated, postdoctoral scientist is envisioned to assist in all facets of the small grains breeding program at Purdue. The primary role is to oversee the agronomic operations, sample handling for the genotyping experiments, and to conduct scientific research within the context of breeding program. The incumbent will also participate in writing grant proposals, scientific reports, and articles. Examples of research areas relevant to our breeding objectives include Fusarium head blight disease resistance in wheat, improving efficiency of breeding systems, and plant responses to environment. The incumbent is also expected to comply with safety regulations of our field and laboratory operations and also be willing to provide supervisory support to early career individuals such as students and technicians. The term is one year and renewable for up to an additional one year under this title, with the possibility of moving into an administrative professional or research associate level beyond the initial two years. Salary is commensurate with experience.

Required qualifications:
- Work experience in plant breeding programs and field plot research
- Interpersonal and communication skills, ability to work in a team
- Ability to acquire an Indiana Driver's License
- Ph.D. in plant genetics, breeding, or physiology
- Evidence of competence and accomplishment in conducting scientific research
- Experience in statistical analysis using SAS or R

Preferred qualifications:
- Prior postdoctoral research in breeding settings
- Experience with bioinformatics platforms and available online genomics resources
- Experience with scripting languages such as R, Perl, and Unix based computing

Applications: Please submit complete application including (1) cover letter, addressing how your experience fits into required and preferred qualifications, (2) curriculum vitae, and (3) contact information of three references. Please E-mail your single-PDF formatted document to Mrs. Jenny Kelly (jckelly@purdue.edu). Review of applications will begin July 15, 2015 and continue until a successful candidate is identified. Incomplete applications will not be considered for the position. A background check is required for employment in this position. For information about the position, please contact Dr. Mohsen Mohammadi (mohamm20@purdue.edu).

Purdue University is an Equal Opportunity/Equal Access/Affirmative Action Employer fully committed to achieving a diverse workforce.