Postdoctoral Scientist Position - Genetics of Resistance to Wheat Foliar Diseases, Purdue University

Description: We are looking for a postdoctoral scientist with experience in wheat and barley diseases. The primary goal for this position, within the wheat breeding and genetics program, is to analyze the responses of the American elite and historical wheat populations to the *Septoria tritici* blotch (STB) disease and *Fusarium* head blight (FHB) disease. Specific tasks include but are not limited to 1) phenotyping of adult-plant field-based and seedling-stage greenhouse under natural and artificial infection conditions, 2) characterization of naturally occurring diseases such as STB, FHB, and rusts, 4) writing journal articles, and 5) mentoring early career individuals i.e., students and technicians. The term is one year and renewable for up to an additional one year. Salary is commensurate with experience. Employment is pending on the final approval of the budget.

Required qualifications:

- PhD in plant pathology, plant breeding, or fungal genetics
- Experience in field and greenhouse disease phenotyping
- Excellent oral and written communication

Preferred qualifications:

- Minimum of one first-authored peer-reviewed article in plant pathology discipline
- Postdoctoral research experience with peer-reviewed publication
- Experience in wheat STB, FHB, and rusts

Applications: Please submit a complete application including (1) cover letter, addressing how your experience fits into required and preferred qualifications, (2) curriculum vitae, and (3) contact information of two references. Please E-mail your single-PDF formatted document to Mr. Brandon Chafin (bchafin@purdue.edu). Review of applications will begin September 10, 2018, and continues until a successful candidate is identified. Incomplete applications will not be considered for evaluation. 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.*