

## **POSITION ANNOUNCEMENT**

### POSITION

Research Associate

### LOCATION

Department of Plant Pathology, 4024 Throckmorton Hall, Kansas State University, Manhattan, KS 66506

### JOB RESPONSIBILITIES

The wheat genomics laboratory is seeking for highly motivated candidate to work on the projects utilizing genomic approaches to study the molecular basis of agronomically important traits in wheat and its wild relatives. The classical genetic and association mapping, next-generation sequencing, expression profiling and comparative genomic analysis will be used to identify and characterize the genes and genomic regions of interest. He or she will be involved in development of genomic resources for high-throughput SNP genotyping in wheat and utilizing genome-wide molecular variation for assessing the patterns of linkage disequilibrium and genetic diversity in wheat and developing populations for association mapping of important wheat traits. The candidate will have access to modern genomic technologies through the KSU Integrated Genomics Facility and have a chance to interact with vibrant KSU research programs in genetics and genomics of other crop species. Create an environment that fosters diversity, collegiality and ability to work in multicultural setting.

### QUALIFICATIONS

Required qualifications:

1. PhD in molecular biology, genetics or other related disciplines with experience in plant genomics and excellent molecular biology skills.
2. Excellent knowledge of experimental techniques and approaches used in molecular biology and genomics including: high-throughput genomics techniques (DNA isolation, sequencing, genotyping and expression analysis), molecular cloning, quantitative PCR and RT-PCR.
3. Excellent organizational, written-verbal communications skills and ability to work in multicultural environment.
4. Knowledge of basic Windows and/or Unix-based computer programs for the analysis of genetic and genomic data.

Preferred qualifications:

1. Ability to perform statistical analyses using SAS or R packages and experience with MySQL/Access databases would be a plus.

Strong commitment to expanding and fostering diversity.

### TO APPLY

Please submit a (1) cover letter describing research experience and future goals; (2) a curriculum vitae, and (3) names, addresses, telephone numbers and email addresses of at least three referees to: [eakhunov@ksu.edu](mailto:eakhunov@ksu.edu) or by mail to Eduard Akhunov, Department of Plant Pathology, 4024 Throckmorton Plant Sciences Center, Kansas State University, Manhattan, KS 66506-5502, Tel: 785-532-1342.

### APPLICATION DEADLINE

October 26, 2009 or screening will continue until the position is filled

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Kansas State University is an equal opportunity, affirmative action employer  
and actively seeks diversity among its employees.  
Background Checks Required