

POSITION ANNOUNCEMENT

Position: Research Associate – Post Doc in Genome Bioinformatics

Available: January 15, 2014

Responsibilities: Sanzhen Liu's laboratory seeks a highly motivated candidate interested in multiple projects related to genetics and genomics of plants and microorganisms. Responsible for: developing pipelines to process next-gen sequencing, including genome assembly, RNA-Seq analysis, metagenomic data analysis and epigenetic data analysis; mining genomic data to develop biological hypotheses; testing hypothesis via computational approaches and/or working as part of a team to design/perform wet-lab experiments; performing QTL and GWAS analyses; preparing grant proposals and manuscripts for publication.

Qualifications:

Required:

1. A PhD degree in a biological science or computational science;
2. Experience with genomic data analyses supported by related professional publications.
3. Excellent organization, written/verbal communication skills and ability to work in a team-based, multicultural, collaborative environment;
4. Knowledge of Unix based computer programs for the analysis of genetic and genomic data.
5. Computer programming skills (i.e., Python, Perl, or R)

Preferred:

Experience in preparing next-generation sequencing library is preferred but not required.

Applications:

Please submit complete application (1) Cover letter (2) Curriculum Vitae (3) Three references, including: names, addresses, telephone numbers and email addresses (4) A statement describing how your relevant educational and research experiences relate to the qualifications (Required and preferred) of the position to:

Department of Plant Pathology

Position #152 (required)

4024 Throckmorton Plant Sciences Center

Kansas State University

Manhattan, KS 66506-5502

E-mail: plantpath@ksu.edu

Application
Deadline:

Screening of applications begins October 15, 2013 and continues until the position is filled.

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