



**Assistant Professor
of Bioinformatics**
Department of Biochemistry and Molecular Biology
Division of Agricultural Sciences and Natural Resources
Oklahoma State University – Stillwater, Oklahoma

POSITION DESCRIPTION

The Department of Biochemistry and Molecular Biology, Oklahoma State University is seeking applicants for an 11-month, tenure-track, 25% teaching and 75% research position in bioinformatics. We are particularly interested in hiring a scientist who can build and maintain an internationally recognized and vigorous, well-funded research program on the bioinformatics of the common bread wheat, *Triticum aestivum*. Ideally, this individual should be prepared to:

1) Interpret next generation sequencing wheat datasets (e.g. differential gene expression and SNP discovery) and develop pipelines for wheat genome annotation, 2) Optimize guidelines for marker associated selection (MAS) and genome-wide association studies (GWAS) with OSU breeders, and 3) Develop and teach an undergraduate and a graduate level course on the application of bioinformatics tools and bioinformatics tool development.

Applicants working on any plant system will be considered for this position, as long as these candidates can apply their tool set to issues required by OSU wheat scientists. The individual hired into this position will also be asked to participate in graduate and undergraduate research mentoring and student advising as required.

QUALIFICATIONS

This position requires a Ph.D. degree in an appropriate field and at least 2 years postdoctoral training. Evidence of teaching experience utilizing online formats and/or modern pedagogy is a plus.

RANK

Assistant Professor

SALARY

Competitive and commensurate with education and experience. Hiring contingent upon available funding.

APPLICATION DEADLINE

February 28, 2014, or until a suitable candidate is identified.

DATE POSITION AVAILABLE

August 15, 2014.

APPLICATION PROCEDURE

Applicants must submit a cover letter, curriculum vitae, statements of research interests and teaching experience/philosophy to Mrs. Melissa Kirk, 246 Noble Research Center, Stillwater, OK 74078-3035.

Candidates should also arrange for three current letters of reference to be E-mailed (in PDF form, from recommender) to melissa.kirk@okstate.edu or sent to Mrs. Melissa Kirk, 246 Noble Research Center, Stillwater, OK 74078-3035.

Inquiries may be directed to Dr. John E. Gustafson (john.gustafson@okstate.edu).