

Postdoctoral position in cellulosic biofuel crop genetics and genomics research

A postdoctoral fellow position is available at the Grass Breeding and Genetics Laboratory, Plant and Soil Sciences Department at Oklahoma State University. Research can begin immediately. A highly motivated candidate is expected to work on NSF-EPSCoR funded research projects of genetic linkage analysis, QTL (Quantitative Trait Locus) mapping, and characterization of the genes or genomic regions for important economic traits in perennial grass species including switchgrass. Switchgrass is being developed as a cellulosic biofuel crop for producing economically viable ethanol in the United States. This is an ideal opportunity for developing publications and future professional development. This is a two-year position, but second-year reappointment is contingent upon performance, need, and available funding. The position will be subject to review at the end of first year.

Requirements: Ph.D. in plant genetics and breeding, molecular biology, and closely related disciplines with experience in plant genomics and excellent molecular laboratory skills. Excellent communication skills, ability to work in a multicultural environment and a strong publication record demonstrating expertise in a range of molecular marker techniques and molecular mapping are required for the postdoctoral position. Demonstrated understanding of applications of molecular marker tools and technologies in new cultivar development in perennial grass species is basic. Ability to perform statistical analyses using SAS and field experiments would be desirable.

Interested applicants should send:

- 1) A cover letter of application including statement of purpose, qualifications, research experience, and future goals.
- 2) Current resume including a publication list
- 3) Name, email address, and phone number of three references.

Applications and questions related to the application process should preferably be sent by e-mail to yanqi.wu@okstate.edu or addressed to:

Dr. Yanqi Wu
Oklahoma State University
Department of Plant and Soil Sciences
368 Ag Hall
Stillwater, OK 74078

Review of applications will start immediately and continue until a suitable candidate is identified.

*Oklahoma State University is an AA/EEO/E-Verify Employer committed to diversity.
The OSU-Stillwater campus is tobacco free.*