Post-Doctoral Fellowship
Dr. Ramanjulu Sunkar Lab
Department of Biochemistry and Molecular Biology
Division of Agricultural Sciences and Natural Resources
Oklahoma State University – Stillwater, Oklahoma

POSITION DESCRIPTION: The this position will require the candidate to perform DNA methylation, histone modifications (chromatin immunoprecipitation) and small RNA analysis in Arabidopsis and rice exposed to abiotic stresses.

This is a non-exempt position (which indicates that the position is not exempt from overtime pay or comp time accrual). Office hours are 8:00 - 5:00 with one hour for lunch. Any deviation from regularly scheduled office hours requires pre-approval from your supervisor.

This is an 11-month, non-tenure track faculty position. Appointment period is academic year: July 1- May 31. Hours required may include some early mornings, evenings and/or weekends to meet research needs.

Post doc appointments are made for a term of one year or less. Reappointment for a total period of not more than three years may be made.
Hazard may include exposure to lab chemicals and you must be able to lift a minimum of 30 pounds.

QUALIFICATIONS: Minimum qualifications must include a Ph.D./Ed.D. in Plant with 1-2 years of post-Ph.D. experience. Applicant having studied Molecular Biology and Abiotic Stress is recommended. The applicant needs to be able to perform experiments independently and must be capable of writing manuscripts and lab reports.

Preferred qualifications include a Ph.D./Ed.D. in Bioinformatics with the skills to handle large datasets including small RNA-seq, RNA-seq, Chlp-seq and bisulfite-seq and rice transformation and have 1-2 years post-Ph.D. experience.

Experience in bioinformatic analysis of large-scale datasets is highly desirable and rice transformation will be a plus.

Questions should be directed to Melissa Kirk at melissa.kirk@okstate.edu.

The Department of Biochemistry and Molecular Biology administers a nationally recognized program with 300 undergraduate students and 30 M.S. and Ph.D. students. For more information about the department go to: http://biochemistry.okstate.edu/

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