POSITION ANNOUNCEMENT
University of Illinois at Urbana-Champaign

JOB TITLE: Field Technician

JOB DESCRIPTION: The successful applicant will manage and provide support for a climate change field experiment. Duties include construction, maintenance and operation of an open air ozone enrichment facility to study the effects of elevated air pollutant levels on maize and soybean. Duties also include training of field technicians and researchers in maintenance and operation of experimental treatments and oversight of ozone experimental plots. This position will support a 5-year NSF Plant Genome funded research grant.

RESPONSIBILITIES: The incumbent will build and deploy 16 free air concentration enrichment rings for increasing ozone concentrations around plots of maize and soybean in order to facilitate physiological, biochemical and agronomic studies. Specific duties will include:

- Coordination of maize ozone studies, including collection of maize development throughout the growing season
- Supervision of undergraduate field assistants
- Micrometeorological monitoring of ozone concentrations, CO₂ concentrations, temperature and precipitation
- Shared responsibility for weekend operation of field experiment
- Quality control and assessment of ozone fumigation experiment

MINIMUM QUALIFICATIONS: Candidates must have at least a BS degree in Natural Sciences, Engineering or related field. Candidates must have understanding of basic electrical principles, the ability to lift 50 lbs, ability to work in heat and humidity and possession of an Illinois driver’s license. Must be willing to work both independently and as part of a research team.

Desired skills: experience in building and repairing electromechanical devices, interest in plants, agriculture and/or climate change, experience in operating heavy equipment including tractors, trailers or forklifts, experience programming in C or similar languages, experience in using Campbell Scientific data acquisition technology, proficiency in using Microsoft Office products.

The successful candidate would start as soon as possible following the closing date listed below. Please create your candidate profile at http://jobs.illinois.edu and upload your resume and contact information for three professional letters of reference by February 11, 2013. Applicants may be interviewed before the closing date; however, no hiring decision will be made until after that date. Salary will be commensurate with training and experience. All requested information must be submitted for your application to be considered. For further information regarding the application procedures, you may contact Kim Johnson, kljohns@igb.uiuc.edu.

The University of Illinois is an Equal Opportunity/Affirmative Action Employer. The administration, faculty and staff embrace diversity and are committed to attracting qualified candidates who also embrace and value diversity and inclusivity.

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