FIELD TECHNICIAN
Carl R. Woese Institute for Genomic Biology
University of Illinois at Urbana-Champaign

Description: Manage and provide support for ozone fumigation in growth chamber and filed experiments.

Major Duties and Responsibilities:
Construct, maintain and operate ozone fumigation systems in plant growth chambers and in free air concentration enrichment facilities in order to study the impacts of air pollution on crops. Responsible for micrometeorological monitoring of ozone concentrations, CO2 concentrations, temperature, precipitation and soil moisture in experiments, and analysis of greenhouse gas concentration data and weather data. Major tasks will include trouble-shooting ozone generators, ozone analyzers, CO2 analyzers and data loggers. Must provide supervision of undergraduate students including task assignment, adherence to lab and field safety protocols, and verification of correct timecard entries. May also train other researchers in maintenance and operation of fumigation equipment. Requires lifting equipment or loads up to 50 lbs. May work in conditions of extreme heat and humidity, as well as outdoors. Travel is required.

Education:
- **Required**: Bachelor’s degree in Environmental or Natural Sciences, Engineering or related field.

Experience
- **Required**: Must have experience in building and repairing electromechanical devices, interest in plant science, agricultural science and/or climate change. Must have experience operating plant growth chambers.
- **Preferred**: Experience in operating heavy equipment including tractors, trailers or forklifts, experience in using and programming Campbell Scientific data acquisition technology, proficiency in using Microsoft Office products and SAS. Previous experience in supervising others.

Training, Licenses or Certifications:
- **Required**: Possess a valid driver’s license.
- **Preferred**: Pesticide application license.

Knowledge Requirements
- **Required**: Must have understanding of basic electrical principles. Must have knowledge of techniques for monitoring and analyzing environmental data. Must be willing to work both independently and as part of a research team.

Salary will be commensurate with experience and qualifications. This position is a 12-month, 100% time academic professional appointment with regular University benefits. The proposed starting date is negotiable after the close date.
Please create your candidate profile at http://jobs.illinois.edu and upload your letter of interest (including email address), resume and contact information for three professional letters of reference by February 13, 2018. Applicants may be interviewed before the closing date; however, no hiring decision will be made until after that date. All requested information must be submitted for your application to be considered. For further information regarding the application procedures, you may contact Jacinda King, jkking@illinois.edu.

The University of Illinois conducts criminal background checks on all job candidates upon acceptance of a contingent offer.

The University of Illinois is an Equal Opportunity, Affirmative Action employer. Minorities, women, veterans and individuals with disabilities are encouraged to apply. For more information, visit http://go.illinois.edu/EEO. To learn more about the University’s commitment to diversity, please visit http://www.inclusiveillinois.illinois.edu