

## **Field Research Technician**

Carl R. Woese Institute for Genomic Biology

University of Illinois at Urbana-Champaign

**Description:** Responsibilities related to planning, planting, and phenotyping field experiments investigating the genetic basis of abiotic stress tolerance and resource use efficiency in C4 crops

### **Major Duties and Responsibilities:**

Work on field experiments on C4 crops including:

- Controlling and managing unmanned phenotyping vehicles such as aerial drones or rovers for in-field data collection.
- Collaborating with post-doctoral scientists and graduate students to perform field preparation, micromet monitoring, phenotypic data collection, organization and shipping of samples to project partners, end-of-season biomass harvests.
- Supervising undergraduate field assistants (hire, train, assign/review work, address work issues, approve time, set work schedules, and set goals).
- Work will require lifting up to 40lbs unassisted.

### **Education:**

**Required:** BSc in Natural Sciences, Engineering or related field

**Preferred:** MSc in Natural Sciences, Engineering or related field

### **Experience:**

**Required:** Previous experience with unmanned aerial or ground vehicles. Previous experience using large farm equipment such as tractors, and comfortable with driving trucks.

### **Training, Licenses or Certifications:**

**Required:**

**Preferred:** FFA remote pilot license

### **Knowledge Requirements:**

**Required:**

- Excellent organizational and time management skill
- Ability to multi-task in order to meet stringent deadlines while producing accurate work
- Strong working knowledge of Microsoft Office technologies
- Ability to work with PIs and postdocs at all levels in a timely and accurate level
- Knowledge of electrical engineering principles used in unmanned vehicles

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 April 26, 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](mailto: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>