

Greenhouse Manager

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

Job Description

Responsible for the upkeep and management of the RIPE projects greenhouse facility, with the propagation of transformed plants, as well as seed collection and organization of this material being the main focus of the position. Assistance with field work and data collection is also of high priority. The manager will also oversee experiments in the greenhouse and field trials, provide training as necessary to the researchers, oversee undergraduate students aiding the researchers, and organize and inventory the propagation supplies and disposables.

Specific Duties and Responsibilities:

1. Greenhouse upkeep and management

1.1. Monitor conditions in the greenhouse and repair damaged sensors or control systems in a timely manner. This involves control systems specific to each of three greenhouse bays as well as sensors logging those conditions. The greenhouse bays will be kept as clean and sterile as possible to prevent contamination and any unwanted pests. Provide upkeep of and organize the lab area attached to the greenhouse.

1.2. Based on the Federal Plant Pest Act, determine what level of APHIS permission and certification is needed, obtain the permissions and certifications and to establish the required containment.

1.3. Maintain weed and pest control pesticides and herbicides applications, as allowed and necessary. Maintain records of applications and stored chemicals.

2. Laboratory and Field Work

2.1 Conduct lab data collection and field trials, in conjunction with department and associated researchers.

2.2 Organize and store samples/collections in an efficient manner, in accordance with regulations.

2.3 Dispose of all transgenic material according to APHIS permitting requirements.

3. Supervision

3.1. Recruit and select undergraduate students to assist with conducting research.

3.2. Supervise undergraduate students assisting with research activities, including providing orientation and training, determining task assignments, and managing performance, including evaluation and providing coaching and feedback.

Minimum Qualifications:

B.S. in Plant Science or related field. Demonstrated skills in sensor technology are required. Strong statistical background. State of Illinois Restricted-Use Pesticide Training and Certification required. Advanced knowledge of the Federal Plant Pest Act that gives APHIS the authority to make determinations regarding transgenic plant variety containment requirements, as well as knowledge of all required associated permitting and disposal regulations. Advanced understanding of the mode of action of these chemical agents. Strong and effective communications, personal relations, and organizational, and leadership skills. The ability to

work effectively and cooperatively, both as a team member and independently, with minimal supervision. Preference will be given to applicants with prior experience in greenhouse management and previous research experience in photosynthesis.

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 July 5, 2016. 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 Kim Johnson, kljohns@illinois.edu.

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

Illinois is an equal opportunity employer and all qualified applicants will receive consideration for employment without regard to race, religion, color, national origin, sex, sexual orientation, gender identity, age, status as a protected veteran, status as a qualified individual with a disability, or criminal conviction history. Illinois welcomes individuals with diverse backgrounds, experiences, and ideas who embrace and value diversity and inclusivity. (www.inclusiveillinois.illinois.edu).