



COLLEGE OF AGRICULTURAL, CONSUMER & ENVIRONMENTAL SCIENCES

Department of Natural Resources and Environmental Sciences
W-503 Turner Hall, MC-047
1102 S. Goodwin Ave.
Urbana, IL 61801-4730

Academic Hourly—Crop and Soil Science (NRES) Natural Resources and Environmental Sciences

Job Summary:

The employee will coordinate field and lab work associated with two projects exploring plant and soil traits that enhance ecosystem services (nutrient use efficiency, carbon sequestration, greenhouse gas emissions reductions and, productivity) and oversee lab and field measurements in our on-campus organic systems trial and on-farms. Primary duties will include management of the Soil Ecology Lab, sample collection and measurements to determine plant and soil health, and ecosystem services related to climate change mitigation.

Duties and Responsibilities:

- Carry out and oversee lab and field research procedures supporting plant, soil, and environmental assessment on campus and on working farms.
- Coordinate lab and field efforts with a field technician, postdoctoral associates, and graduate students.
- Assist graduate students, supervise, and train undergraduate research assistants and visiting scholars involved in plant, soil and environmental analyses.
- Responsible for scheduling, recordkeeping, and purchasing for the soil ecology lab.
- Contribute to outreach and publications and conduct independent research if desired.

Minimum Qualifications: MS or BS degree in agronomy, soil science, crop science, or environmental sciences

Preferred Qualifications: Training in soil health analysis, rainfed grain cropping systems, and systems research

Specialty Factors: Knowledge of field crops research in the US Midwest is highly desirable

Knowledge, Skills and Abilities:

- Ability to carry out field and laboratory experiments in soil science
- Ability to operate farm equipment
- Willingness to learn new protocols for soil health analysis
- Excellent organizational and communication skills
- Ability to conduct on-farm work and to communicate with farmers and other diverse audiences

Appointment Information: This is a 100% full-time, temporary academic hourly position with an early spring start date. Salary is commensurate with experience.

Application Procedures & Deadline Information:

Early applications are encouraged. Applications received by 02/28/2023 will receive first round consideration. Please submit cover letter, resume, and names of three references to Dr. Carmen Ugarte (cugarte@illinois.edu)

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