

Postdoctoral Position Working in Cover Crops and Organic Soybean Production Systems

A postdoctoral position is available starting in January 2023 in Dr. Shawn Conley's Lab (UW BeanTeam) in the Department of Agronomy, College of Agricultural and Life Sciences (CALS), University of Wisconsin–Madison. There are two projects that this position will lead. The first project is a large plot on-farm collaboration with Dr. Rodrigo Werle (Weed Science) and Dr. Damon Smith (Plant Pathology) entitled: "Determining the utility of cover crops in optimized soybean systems for sequestration of carbon." The second project is the management of WI sites for a Purdue-led OREI funded grant entitled: "Bio-intensified field crop rotations in the upper Midwest: Quantifying effects upon pest management and yield."

The goal of the UW BeanTeam is to generate science-based solutions to address real world problems in soybean and small grain production. This knowledge is then integrated and delivered through our Extension program. Please visit www.coolbean.info for additional information on the UW BeanTeam.

Minimum Job Requirements:

Ph.D. in a STEM field

Record of publishing in peer-reviewed journals

Communication skills as evidenced by publications and oral presentations at conferences

Ability to obtain UW Driver Authorization

Education/Experience: Candidates must have received a Ph.D. within the last five years in a STEM field or will have completed all Ph.D. requirements by commencement of appointment.

Desired Qualifications:

Research experience in crop science, biology, or earth and environmental sciences, and proficient in SAS or R. Preference will be given to applicants with strong research and publication history, experience with Midwest cropping systems, soil health and a soil science background, pest management and on-farm research. Ability to work well in a multi-disciplinary team and willingness to participate in agricultural field work is required.

Location: This position will be located in Madison, WI

Salary and timeframe details: A competitive salary will be provided based on qualifications. The position is initially for one year, with potential to extend to two or more years based on performance, funding, and need. Benefits package includes: health insurance, including dental and vision options, life insurance, flexible spending accounts, and paid leave and legal holidays. Opportunities exist for flexible scheduling.

Application Instructions:

The following application materials should be emailed to Shawn Conley (spconley@wisc.edu) with the email subject of "Postdoc Position Application". Please include the following materials in one pdf file:

- 1) Cover letter describing general research and career interests
- 2) CV
- 3) Two representative published manuscripts from your previous work
- 4) List of 3 professional references with contact information

Applications will be reviewed beginning October 1, 2022 and will continue until the position is filled.

The University of Wisconsin-Madison College of Agricultural and Life Sciences is an engine of scientific discovery, with researchers working across the spectrum of agricultural and life sciences. Academically, the college offers research-based, hands-on teaching of undergraduates; world-class graduate programs rich in research and project assistantships; and short courses, workshops and other programs. Our outreach activities bring the work of the college to Wisconsin businesses, organizations and communities throughout the state.