



# **JOBS AT UW**

UNIVERSITY OF WISCONSIN–MADISON

## **ASSISTANT PROFESSOR**

**JOB NO:**  
**273902-FA**

**WORK TYPE:**  
**FACULTY-FULL TIME, ONSITE**

**DEPARTMENT:**  
**CALS/AGRONOMY**

**LOCATION:**  
**MADISON**

**CATEGORIES:**  
**FACULTY**

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We seek to hire a Weed Ecologist (Departments of Agronomy and Horticulture, College of Agricultural & Life Sciences, University of Wisconsin-Madison) to provide leadership in weed science teaching and novel ecological weed management research in Wisconsin. An integrative and applied approach to research is expected, working with multidisciplinary teams of scientists and community partners. Leadership is needed in the development, evaluation, and implications of novel ecological weed management approaches alternative or complementary to chemical weed control methods (e.g., cropping systems diversification and intensification, weed seed management, precision control methods, robotics technologies, etc.).

#### JOB SUMMARY:

The incumbent will design novel ecological weed management systems that can enhance benefits and reduce risks to agriculture and the environment. Research will also document the efficacy and suitability of novel non-chemical weed management approaches and estimate their impact on weed ecology and agroecosystem services such as crop production and water quality. The incumbent will have the opportunity to work on a broad range of conventional and organic Wisconsin cropping systems, including grain, forage, and specialty crops. Research efforts will form the foundation for a strong teaching and mentoring program that supports students across departments and colleges at the University of Wisconsin-Madison. The incumbent will be expected to develop and teach courses at the undergraduate and graduate levels, including an upper-level course in Weed Biology, Ecology and Management. The incumbent will be expected to recruit and mentor graduate students in Agronomy, Horticulture, Agroecology, or other related programs.

Thus, the Departments of Agronomy and Horticulture seek a 9-month tenure track Weed Ecologist to investigate novel approaches to ecological weed management across a broad range of Wisconsin cropping systems. The Weed Ecologist will possess the ability to integrate ecotechnological variables that interact within and among agroecosystems at the field, farm, and landscape levels. The position carries a commitment to instruction and research, as well as professional and university service as appropriate to the faculty rank. The incumbent will be expected to develop and grow a collaborative and extramurally funded research and teaching program recognized at state, regional, national, and international levels. The Departments of Agronomy and

Horticulture are committed to inclusivity and diversity; therefore, we strongly encourage applications from candidates who foster and promote these values.

The candidate will be expected to:

**RESPONSIBILITIES:**

1. Develop an independent, extramurally funded and recognized research program at the state, regional, national, and international levels.
2. Teach and mentor undergraduate and graduate students, commensurate with college expectations and consistent with the teaching loads of the departments. Mentor students and promote their development and success in a collaborative environment.
3. Contribute to outreach and service functions of the department, college, university, and professional societies.
4. Contribute to programs aimed at increasing diversity, equity, and inclusion within the department, college, and university. Promote an inclusive and diverse climate within our campus and associated communities.

Diversity is a source of strength, creativity, and innovation for UW-Madison. We value the contributions of each person and respect the profound ways their identity, culture, background, experience, status, abilities, and opinion enrich the university community. We commit ourselves to the pursuit of excellence in teaching, research, outreach, and diversity as inextricably linked goals.

**INSTITUTIONAL  
STATEMENT ON  
DIVERSITY:**

The University of Wisconsin-Madison fulfills its public mission by creating a welcoming and inclusive community for people from every background - people who as students, faculty, and staff serve Wisconsin and the world.

For more information on diversity and inclusion on campus, please visit: [Diversity and Inclusion](#)

Required

**EDUCATION:**

A PhD in Weed Science, Agronomy, Horticulture, Plant Science, Crop Science, Agroecology, or closely related discipline is required.

Candidate must have a strong foundation in the ecological principles and concepts of weed and agricultural sciences, strong research background, and demonstrated ability to communicate (oral and written), teach, publish, and secure competitive funding.

**QUALIFICATIONS:** Successful candidates will have a record of, or demonstrate potential for:

- i) Extramural grant-writing
- ii) Publications in peer reviewed journals
- iii) Graduate student training/mentoring
- iv) Teaching and curriculum development
- v) Outreach and service activities
- vi) Promoting an inclusive and diverse climate within our campus and associated communities

Full Time: 100%

**WORK TYPE:** It is anticipated this position requires work be performed in-person, onsite, at a designated campus work location.

**APPOINTMENT  
TYPE, DURATION:** Ongoing/Renewable

**ANTICIPATED  
BEGIN DATE:** AUGUST 01, 2023

**SALARY:** Negotiable  
ACADEMIC (9 months)

Applicants can find relevant information about the Department of Agronomy at <https://agronomy.wisc.edu>, and Department of Horticulture at <https://horticulture.wisc.edu/> Any questions regarding the position may be directed to the search committee co-chairs, Dr. Rodrigo Werle ([rwerle@wisc.edu](mailto:rwerle@wisc.edu)) or Dr. Amaya Atucha ([atucha@wisc.edu](mailto:atucha@wisc.edu)).

University of Wisconsin-Madison CALS Mission: To advance and share knowledge, discover solutions and promote opportunities in food and agriculture, bioenergy, health, the environment and human well-being.

Vision: To lead in science, innovation and collaboration that improves life and sustains the natural world.

**ADDITIONAL  
INFORMATION:**

UW-Madison is one of the world's premier research universities, with more than 16,000 faculty, staff, and graduate assistants, who, collectively, support the research, teaching and public service missions of the university. The 963-acre campus is located on the shores of Lake Mendota in Madison, Wisconsin. Madison is consistently ranked among the top 5 small U.S. cities to live in because of its cultural and ethnic diversity, affordable cost of living, low unemployment, and excellent public schools. The University of Wisconsin-Madison attracts a diverse body of outstanding graduate students from around the world and provides state-of-the art research and teaching facilities, both in Madison and at multiple agricultural research stations throughout the state. Madison is a picturesque city with a strong economy and a vibrant cultural environment.

UW Agricultural Research Stations: The UW-Madison Agricultural Research Station Network is comprised of 12 unique sites. These sites sit on 8000 acres of croplable farmland that represents many of the soil types found in the State of Wisconsin. The facilities available to researchers and support staff are valued at over \$45 million, and house over \$8.5 million worth of farming and research equipment. The research mission of the Agricultural Research Stations is supported by approximately 110 permanent employees and 50 seasonal staffers.

The UW-Madison College of Agricultural & Life Sciences is committed to maintaining and growing a culture that embraces diversity, inclusion and equity, believing that these values are foundational elements of our

excellence and fundamental components of a positive and enriching learning and working environment for all students, faculty and staff.

**HOW TO APPLY:**

Apply via Jobs@UW. Applicants should upload the following information as a single PDF document:

- 1.) No more than two-page cover letter
- 2.) Curriculum vitae
- 3.) Names and contact information of three potential letter-writers
- 4.) Two-page statement of research interests and future research plans, highlighting the candidate's fit to this position and how they would complement the departmental expertise
- 5.) Two-page statement of teaching and mentoring philosophy, approach, experiences, and future plans, highlighting the candidate's fit to this position and how they would complement the departmental expertise
- 6.) One-page statement on how the candidate's scholarship, teaching, and mentoring foster an inclusive and diverse academic community
- 7.) Representative samples of published papers (3 max)

**CONTACT:**

Rodrigo Werle  
[rwerle@wisc.edu](mailto:rwerle@wisc.edu)  
608-262-7130

Relay Access (WTRS): 7-1-1. See [RELAY\\_SERVICE](#) for further information.

Amaya Atucha  
[atucha@wisc.edu](mailto:atucha@wisc.edu)  
608-262-6452

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**OFFICIAL TITLE:** Assistant Professor(FA040)

**DEPARTMENT(S):** A072600-COL OF AG & LIFE SCIENCES/AGRONOMY

**EMPLOYMENT CLASS:** Faculty

**JOB NUMBER:** 273902-FA

The University of Wisconsin-Madison is an Equal Opportunity and Affirmative Action Employer. Qualified applicants will receive consideration for employment without regard to, including but not limited to, race, color, religion, sex, sexual orientation, gender identity, national origin, age, pregnancy, disability, or status as a protected veteran and other bases as defined by federal regulations and UW System policies. We promote excellence through diversity and encourage all qualified individuals to apply.

If you need to request an accommodation because of a disability, you can find information about how to make a request at the following website: <https://employeedisabilities.wisc.edu/disability-accommodation-information-for-applicants/>

Employment will require a criminal background check. It will also require you and your references to answer questions regarding sexual violence and sexual harassment.

The University of Wisconsin System will not reveal the identities of applicants who request confidentiality in writing, except that the identity of the successful candidate will be released. See Wis. Stat. sec. 19.36(7).

The [Annual Security and Fire Safety Report](#) contains current campus safety and disciplinary policies, crime statistics for the previous 3 calendar years, and on-campus student housing fire safety policies and fire statistics for the previous 3 calendar years. UW-Madison will provide a paper copy upon request; please contact the [University of Wisconsin Police Department](#).

**APPLICATIONS OPEN:**

**JAN 25 2023** Central Standard Time

**APPLICATIONS CLOSE:**

**MAR 31 2023 11:55 PM** **CENTRAL DAYLIGHT TIME**