



Department of Soil Science

UNIVERSITY OF WISCONSIN-MADISON

Ph.D. Position in Soil Chemistry

- **Summary:** Dr. Inna Popova in the Department of Soil Science at the University of Wisconsin-Madison is recruiting a graduate student to work on the nematode control in US potato production. Our research program works on utilizing plant-derived biological compounds with nematocidal activity as one of the approaches for fostering sustainable and eco-conscious agricultural practices. The candidate will be focusing on isolating and identifying potential nematocidal compounds from a plant feedstock. The position start date is Summer or Fall 2023.
- **Tuition Waiver and Stipend:** The selected applicant will be appointed as a Graduate Research Assistant with a stipend plus tuition remission.
- **Position Requirements:** Successful applicants will have completed B.S. (preferably M.S.) degree in organic, natural products chemistry, phytochemistry or related field by the start date. The candidate should have a strong background in purification and compound identification. Practical knowledge of analytical instrumentation such as HPLC, GC, MS, and NMR are required. The candidate will have to be highly motivated, creative, and hard-working. Ideally, applicants will have at least one peer-review publication and have excellent technical, writing, organizational, record-keeping, and problem-solving skills.
- **Application Instructions:** Prospective applicants should email Dr. Inna Popova at ipopova@wisc.edu with 1) the current curriculum vitae, 2) a personal statement describing your research interests and the fit with the position, 3) transcripts (unofficial transcripts are acceptable), and 4) contact information of three references. Application should also apply to the Soil Science Graduate Program within the UW-Madison Graduate School at <https://grad.wisc.edu/apply/>.
- **Departmental Program:** The Department of Soil Science at UW-Madison has a long history and is a vibrant place to work today. Programs are designed to improve basic understanding and practical management of soil resources in natural, agricultural, and urban ecosystems, and to serve local, state, national, and global interests. Further information about the graduate program in our department can be found here: <https://soils.wisc.edu/academics/graduate/>
- **University and Community:** UW-Madison has a strong culture of collaboration across fields, and the selected graduate student will interact with researchers from diverse fields, including microbiology, ecology, agronomy and environmental studies. The university ranks consistently among the top research universities in the United States. Total student enrollment is 43,000 of which approximately 12,000 are graduate and professional students, and there are over 2,000 faculty. UW-Madison is an exciting place to learn and conduct research! The city of Madison ranks as one of the most attractive places in the U.S. to live and work. For information about the campus and city, please see <http://www.wisc.edu/about/>.

The University of Wisconsin-Madison is an equal opportunity/affirmative action employer. We promote excellence through diversity and encourage all qualified individuals to apply.