

Washington State University
Entomology
Notice of Vacancy

WSU Position # 210238

TITLE:

- Horticultural Crops Entomologist
- 12-month, permanent full-time tenure-track, at the rank of Assistant Professor

LOCATION:

- WSU Northwestern Washington Research and Extension Center (NWREC) at Mount Vernon and the WSU campus at Everett, Washington, United States

SALARY:

- Competitive salary commensurate with qualifications and experience

START:

- August 1, 2022; negotiable

THE OPPORTUNITY:

The Department of Entomology (ENT) within the College of Agricultural, Human, and Natural Resources Sciences (CAHNRS) at Washington State University (WSU) is seeking a dynamic, motivated, and problem-solving teacher and leader to join an extraordinary team of scientists and extension experts in multiple disciplines, including plant pathology, horticulture, soil science, plant breeding, and weed science. As an integral part of this team, we are looking to fill a 12-month, tenure-track (assistant professor rank) teaching and integrated research/extension position to begin August 1, 2022, or as negotiated, at the WSU Northwestern Washington Research and Extension Center (NWREC) and at the nearby WSU-Everett campus (37 miles south of NWREC). The successful applicant will develop a nationally recognized and regionally relevant program focused on **entomology of horticultural crops** to enhance crop productivity while increasing profits and improving environmental quality.

The Assistant Professor of Entomology of Horticultural Crops should emphasize the development of ecologically and quantitatively based integrated pest management (IPM) through applied research and education for regional crops of significance in Northwestern Washington. The incumbent will develop and teach courses in ecological IPM as part of the organic and sustainable agriculture major at WSU-Everett, contribute to broader development of the major at WSU Everett, foster connections between WSU Everett students and the NWREC, and will be directly responsible to the NWREC Director and Chair of the Department of Entomology. In addition to pursuing an outstanding research and extension program, the successful candidate will be expected to provide effective instruction and advising to a diverse population of graduate and undergraduate students.

RESPONSIBILITIES:

This position is primarily teaching and includes research and extension duties. The successful candidate will develop a nationally recognized, integrated teaching, research, and extension program in insect pest management focused on agricultural systems in Northwestern Washington. The incumbent will teach lower-division courses in Agricultural and Food Systems (AFS) each year and an entomology course as needed by ENT every other year. The research and extension program will emphasize ecologically and quantitatively based IPM of insects and mites attacking horticultural crops including but not limited to blueberry, raspberry, potato, vegetable seed, flower bulbs, tree fruit, and greenhouse production. Programs must be based on stakeholder needs and effectively integrate research and extension and be consistent with the mission of the WSU NWREC and CAHNRS Office of Research.

The successful candidate must acquire competitive extramural funding from state, regional, and national agencies, and the agricultural industry to support a comprehensive research and extension program. The incumbent will disseminate information by publishing in appropriate peer-reviewed journals and extension media, delivering presentations at scientific conferences and grower meetings, and using technology and other modern communication platforms. This person is expected to work collaboratively with other researchers, extension professionals, private crop consultants, the grower community, and stakeholders. Teaching responsibilities will include teaching credit courses on topics described above, contributing to recruitment efforts at WSU Everett, helping guide development of the WSU Everett AFS program, and the mentoring and supervision of graduate students. Other duties include serving on ENT, NWREC, CAHNRS and WSU committees.

QUALIFICATIONS:

Required:

- By the date of hire, earned Ph.D. in entomology or closely related field, with depth in a discipline and the ability to address the breadth of insect pest ecology and management and sustainable farming systems;
- Demonstrated record of scholarly accomplishments in research, extension, and/or teaching commensurate with career level; and
- Demonstrated teaching experience and commitment to graduate and undergraduate teaching, advising, and mentoring that support social justice, diversity and inclusion.

Preferred:

- Demonstrated ability to communicate effectively with technical and nontechnical audiences in oral and written forms;
- Record of competitive grant success commensurate with career level;
- Demonstrated knowledge of insect pest applied research, integrated pest management (IPM), and sustainable agricultural systems;
- Demonstrated knowledge of state-of-the-art techniques applicable to IPM and insect pest management research;
- Demonstrated ability to work effectively with individuals and groups of diverse cultures, backgrounds, and ideologies;

- Demonstrated ability to disseminate web-based information; and
- Demonstrated evidence of excellence in undergraduate teaching and student mentoring.

LIFE IN NORTHWESTERN WASHINGTON:

The successful candidate will be housed at the NWREC for research and Extension activities and the WSU-Everett campus for teaching courses, both located in northwestern Washington. The Skagit, Nooksack, and Snohomish River Valleys of northwestern Washington are well known for their scenic beauty, reflected in the Cascade Mountain Range, waters of the Puget Sound, annual Tulip Festival, and ferries to the San Juan Islands and Victoria, British Columbia. The region is characterized by a mild marine climate, diverse farming enterprises that include annual and perennial production systems, and close rural-urban interactions. The region is also noted for its food culture, which includes local, sustainable, and organic production and processing systems with a focus on value-added enterprises.

The NWREC in Mount Vernon serves the agricultural and natural resource science interests of the region through research, extension, and teaching activities. The NWREC is an inclusive full-service research laboratory and farm equipped for farming systems research; it currently has 9 faculty, 2 post-doctoral fellows, and 17 graduate students in multiple disciplines, including plant pathology (2 faculty), horticulture (2 faculty), soil science (2 faculty), weed science, and plant breeding. Mount Vernon is about 60 miles north of Seattle and 90 miles south of Vancouver, British Columbia, Canada, positioning residents near an international array of recreational and cultural options.

WSU-Everett is the newest urban campus of WSU charged with significantly expanding access to high-quality baccalaureate and graduate degree programs in the region and the state. With a focus on science, technology, engineering, and mathematics, the growth of WSU-Everett will align with the economic development and vitality of the region and the state of Washington to prepare graduates for leadership in a rapidly changing and globally connected world.

For more information on WSU-NWREC, visit <http://mtvernon.wsu.edu/>

For more information on WSU-Everett, visit <https://everett.wsu.edu/about/mission/>.

THE DEPARTMENT OF ENTOMOLOGY:

Faculty and students in Entomology at WSU are committed to improving the long-term sustainability of agricultural systems through research, teaching, and Extension. Our department offers M.S. and Ph.D. programs in Entomology, with about 30 graduate students currently enrolled. In addition, we host graduate students pursuing an M.S. in Agriculture.

Undergraduate students can select B.S. programs in Agricultural and Food Systems (with majors in agricultural education; agricultural technology and production management; agricultural and food business economics; organic agriculture systems; and agriculture and food security) and Integrated Plant Sciences (with majors in agricultural biotechnology; field crop management; fruit and vegetable management; landscape design; landscape, nursery, and greenhouse management; turfgrass management; and viticulture and enology).

First-class facilities include a 140-acre farm and labs at the research center in Mount Vernon. Partnerships with the USDA Agricultural Research Service, commodity commissions, the agriculture industry, and family farms result in well-rounded and timely research, successful outreach, and opportunities for student internships.

For more information, visit <http://entomology.wsu.edu>.

THE COLLEGE OF AGRICULTURAL, HUMAN, AND NATURAL RESOURCE SCIENCES:

CAHNRS is an expansive and diverse college that includes 16 academic units, four research and extension centers distributed across the state, 13 subject matter centers, and one tribal and 39 county extension offices. CAHNRS fosters disciplines that serve at the interface of scientific discovery and its application to the advancement of society and improvement of the human experience. Our mission is to provide global leadership in discovering, accessing, and disseminating knowledge that contributes to producing a safe, abundant food and fiber supply; promotes the wellbeing of individuals, families, and communities; enhances sustainability of agricultural and economic systems; and promotes stewardship of natural resources and ecological systems. CAHNRS personnel embrace the opportunity to fulfill WSU's land-grant mission by making groundbreaking research discoveries, by utilizing innovative approaches to teaching and learning, and by delivering relevant, progressive extension programs that enhance the quality of life for the citizens of Washington State, as well as for people around the globe.

For more information, visit <http://cahnrs.wsu.edu>.

WASHINGTON STATE UNIVERSITY:

Founded in 1890, WSU is a comprehensive land-grant university with teaching, research, and extension missions, and one of two research universities in Washington State. WSU is organized into ten academic colleges, the Honors College, and the Graduate School. It has an enrollment of more than 30,000 undergraduate and graduate students on five campuses (Pullman, Spokane, Tri-Cities, Vancouver, and Everett) with approximately 20,000 students located on the main campus in Pullman, WA. WSU ranks among the top 60 public research universities and is a Carnegie I, Doctoral/Research Extensive University. WSU strongly values diversity among its faculty, staff, and students and seeks to ensure a welcoming community for all.

Further information about WSU can be found at: www.wsu.edu.

APPLICATION PROCESS:

Screening of application materials begins **November 30, 2021** and the position will remain open until filled. To apply, visit www.wsujobs.com and applications must include the following materials: 1) a cover letter, 2) a current curriculum vitae, 3) teaching statement, 4) statement on contributions to equity and diversity (guidelines: <https://hrs.wsu.edu/wp-content/uploads/2020/02/Guidelines-for-Contributions-to-Equity-Diversity-and-Inclusion-Statements-1.pdf>), 5) copies of official college transcripts, and 6) the names and contact information for three people willing to serve as references. The cover letter should address all of the required and preferred qualifications for the position and include your areas of expertise and research interests.

For questions about the position, contact Dr. Doug Walsh, Search Committee Chair, at dwalsh@wsu.edu or 509-786.9287.

WASHINGTON STATE UNIVERSITY IS AN EQUAL OPPORTUNITY/AFFIRMATIVE ACTION EDUCATOR AND EMPLOYER.

WSU is committed to excellence through diversity, has faculty friendly policies including a partner accommodation program, and a NSF ADVANCE Institutional Transformation grant (see <http://www.excelinse.wsu.edu/>.)

WSU employs only US citizens and lawfully authorized non-US citizens. All new employees must show employment eligibility verification as required by the U.S. Citizenship and Immigration Services.

Washington State University is committed to providing access and reasonable accommodation in its services, programs, activities, education and employment for individuals with disabilities. To request disability accommodation in the application process, contact Human Resource Services: 509-335-4521(v), Washington State TDD Relay Service: Voice Callers: 1-800-833-6384, TDD Callers: 1-800-833-6388, 509-335-1259(f), or hrs@wsu.edu.