

Washington State University
Department of Entomology
Notice of Vacancy

WSU Position # 128207

TITLE:

- Insect Systematics
- 12-month, full-time, tenure-track Assistant or Associate Professor

LOCATION:

- Washington State University—Pullman, Washington

SALARY:

- Competitive salary commensurate with qualifications and experience

START:

- August 16, 2019; negotiable

THE OPPORTUNITY:

The College of Agricultural, Human and Natural Resource Sciences (CAHNRS) at Washington State University (WSU) seeks an Assistant or Associate Professor of Entomology to develop an innovative, nationally and internationally recognized, and externally funded research and teaching program in insect systematics. This position will direct the M.T. James Entomological Collection, which houses over three million specimens. This position will contribute to interdisciplinary activities at WSU by working with other colleagues to obtain external funding for systematics research that addresses basic science, crop production challenges, and ecological/environmental issues. The position offers an exciting opportunity to work with a cadre of entomologists, systematists, genomicists, and other researchers across the state, in other WSU Departments and Schools, and nearby University of Idaho. The successful candidate will be well positioned to work with Washington's agricultural industry in both applied and basic systematics research.

RESPONSIBILITIES:

This faculty member will be expected to develop a nationally and internationally recognized, externally funded systematics research and teaching program. The individual will use molecular approaches to contribute to arthropod systematics and phylogenetic research. The successful candidate will be expected to publish research results in high quality, peer reviewed journals. The candidate will also be expected to conduct research relevant to Washington's diverse agricultural industries, and to interact directly with major commodity groups in Washington including potatoes. Responsibilities include direction of the M. T. James Entomological Collection.

The successful candidate will support and mentor entomology graduate students and post-doctoral scientists. The individual will teach a graduate course in Insect Taxonomy/Systematics and other courses as designated by the department/university and appropriate to the expertise and interests of the individual. The successful applicant will also be expected to develop collaborations with colleagues at

WSU, University of Idaho, USDA-ARS, and industry scientists to form interdisciplinary teams to address applied and basic research.

QUALIFICATIONS:

Required:

- Earned Ph.D. in entomology or a related discipline at the date of hire

Preferred:

- Demonstrated ability develop a high-quality research program addressing some aspect of insect systematics
- Ability to analyze molecular, morphological, and phylogenomic data to understand species boundaries and relationships within/among arthropod species
- Experience developing computational tools and other methods for systematics research
- Desire and capacity to apply systematic and genomic approaches to benefit agricultural production systems in the Pacific Northwest US
- Demonstrated ability to manage an entomological research collection
- Demonstrated ability to develop an extramurally funded program
- Demonstrated ability to publish research in high quality, peer reviewed journals
- Demonstrated success in collaborative/team research projects
- Demonstrated effectiveness in developing and delivering graduate level courses
- Evidence of a commitment to excellence in graduate education

THE DEPARTMENT OF ENTOMOLOGY:

The Department of Entomology at WSU is actively involved in education, research, and outreach across the state to address the needs of residents and agricultural industries. We maintain a long tradition of arthropod taxonomy, integrated pest management, honey bee genetics, insect biocontrol, biodiversity, insect ecology, pesticide resistance, and invasive species. Our research strengths span all aspects of basic and applied entomology, and faculty have been successful in conducting research and outreach benefitting many agricultural industries in Washington and nationally. We are deeply committed to graduate education and research opportunities guided by world class faculty.

The main WSU campus in Pullman is home to the M.T. James Entomological Collection, which has more than three million insect specimens from locations around the world. The museum supports the taxonomic research of visiting scholars and provides learning and engagement opportunities to the public. The department's APIS Molecular Systematics Laboratory includes more than 250 honey bee colonies in 10 research and teaching apiaries. It is focused on addressing problems encountered by regional beekeepers. WSU entomologists are housed at WSU's Tree Fruit and Research Extension Center, WSU's Irrigated Research and Extension Center, WSU Northwest Research and Extension Center, WSU Puyallup, and WSU Tri-Cities, where they conduct research, teaching and extension activities.

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

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

The College of Agricultural, Human and Natural Resource Sciences (CAHNRS) at WSU is an expansive and diverse college that includes 15 academic units and five research and extension centers across the state. 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 well-being of individuals, families, and communities; enhances the sustainability of agricultural and economic systems, and promotes stewardship of natural resources and ecological systems. In all dimensions of our mission, we strive to embody WSU's signature motto: "World Class. Face to Face." CAHNRS personnel embrace the opportunity to fulfill the university'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 synergistically generate outcomes 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 26,000 undergraduate and graduate students on four campuses (Pullman, Spokane, Tri-Cities, and Vancouver) 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 Tier 1 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.

LIFE ON THE PALOUSE:

Pullman offers a friendly, small-town atmosphere with a high quality of life and connected community. Located 80 miles south of metropolitan Spokane, Pullman is also a quick drive to the scenic Idaho panhandle, Snake and Clearwater Rivers, and Moscow Mountain. The rolling hills of the Palouse offer a wide range of outdoor activities and a true four-season climate. The area provides ample opportunity to enjoy the cultural and academic hub of both Washington State University and the University of Idaho, in the neighboring town of Moscow, Idaho. Additionally, Pullman has an excellent public school system and was recently ranked by Bloomberg Business as the best small town in Washington to raise children.

To learn more about the Pullman community, visit: <http://www.pullmanchamber.com>.

APPLICATION PROCESS:

Screening of applications begins January 4, 2019 and continues until filled. Visit wsujobs.com (search #: 128207) to apply. Applications must include: (1) cover letter addressing the candidate's expertise and qualifications for the position; (2) current curriculum vitae; (3) statement of research goals and vision (2 page max); (4) statement of teaching philosophy (1 page max); (5) electronic copies of graduate and undergraduate academic transcripts; and (6) contact information for four professional references. Contact Carol Black, Search Chair, at ramsay@wsu.edu or 509-335-5425 with questions about this position. All qualified individuals are encouraged to apply.

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 an 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. WSU 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.