

Assistant Professor-Extension Entomology

Position Details

Position Information

Department	Crop and Soil Science (ACS)
Position Title	Assistant Professor
Job Title	Assistant Professor-Extension Entomology
Appointment Type	Academic Teaching/Research Faculty
Job Location	Corvallis
Position Appointment Percent	100
Appointment Basis	9
Faculty Status	Regular
Tenure Status	Tenure Track (Annual)
Pay Method	Salary
Recommended Full-Time Salary Range	Salary commensurate with education and experience.

Position Summary

The Crop and Soil Science Department invites applications for a full-time (1.00 FTE), 9-month, tenure-track Assistant Professor position. Extension and applied research appointment with an expectation for scholarly accomplishment appropriate to the position responsibilities. Leads development of extension and applied research programs and activities. Participates in college and university service activities. Participates in professional development programs. Acts as liaison with local industry and/or Extension stakeholder groups.

The Crop and Soil Science Department and Entomology program seeks a scientist who will provide effective facilitation and technical skills to develop an applied research and extension program in sustainable arthropod pest management in Oregon cropping systems. The incumbent must view success as developing a program that meets the needs of county agents and stakeholders to effectively address the problems issues versus achieving personal recognition for independent activity. At the same time, the applicant must have disciplinary expertise to effectively interact with academic colleagues and be an active member of system teams. The focus of this position will be conducting relevant and responsive research to solve arthropod pest management problems in the unique agronomic field and seed-crop cropping systems of Oregon. On an as-needed basis, the incumbent will provide expertise and support in row cropping systems. Research will focus on efficient and economic management of insect and related pests against the backdrop of a variable and changing climate, and conservation of our natural resources.

This Extension Entomology Field Crops position is a tenure-track, 9-month academic professorial faculty appointment with an academic home in the Department of Crop and Soil Science. The incumbent will contribute to the missions of Oregon State University Extension Service, Agricultural Experiment Station, and the College of Agricultural Sciences. The purpose of this position is to provide leadership in the development, implementation, synthesis, and evaluation of extension and applied research programs in arthropod pest management for sustainable agronomic crop and seed crop farming systems, and increased adoption of soil conservation practices. The faculty member is expected to collaborate with colleagues across the state as well as those in the region working with similar cropping systems.

It is expected that the faculty member will obtain funds for summer salary through grant, contract, fees or other sources. It is expected that the faculty member will occasionally support and mentor graduate students based on availability of funding and serve on relevant graduate student committees.

The entomologist will lead a team of OSU extension and research faculty that address

cropping system problems and opportunities with focus on western Oregon. The team will need to secure external funding for program efforts. It is expected that applied research findings will be published in peer reviewed journals with extension of information to industry audiences through extension publications, as appropriate.

This position carries the general and specific responsibilities of a faculty member described in the OSU Faculty Handbook and the promotion and tenure guidelines of Oregon State University. These include effective research and teaching programs, demonstrable scholarship and creative activity, service contributions, and active professional development. This position requires traveling since it is a western based but with statewide responsibilities. This faculty member will design, maintain and/or carry out programs to ensure that all people have equal employment opportunities and equal program participation opportunities regardless of race, color, religion, sex, sexual orientation, gender identity or expression, genetic information, national origin, age, marital status, disability, or veteran's status. College of Agricultural Sciences faculty are committed to enhancing student success by engaging students in quality academic, research, internships, global studies, and other experiential learning opportunities. Positions with primary responsibility for extension and outreach are likewise committed to learner success through programming appropriate for diverse audience.

Position Duties

90% — Extension, Teaching, and Research

Program Management, 5%

Provide plans of work while assigning, approving, hiring or firing, evaluating performance. Direct supervision of FRA or Bio Techs as funding allows, seasonal workers, temporary workers, student workers, graduate students, interns or postdoctoral scholars.

Outreach and Engagement, 30%

Provide regional leadership in developing and evaluating Extension education programs in management of arthropod in field crops, and to lesser extent vegetable crops, in western Oregon in partnership with the agricultural industry, public agencies, and colleagues statewide and in the Pacific Northwest. These programs must encourage the adoption of improved arthropod management practices and whole system strategies (Integrated Pest Management – IPM) that will improve profitability of growers while assuring environmental sustainability. Specific knowledge gained through field experience and trial work of pesticide modes of action and interactions in cropping systems is essential to the success of this position. While the focus is on field crops research, the incumbent will provide expertise as needed in row crops.

Provide regional leadership for addressing other high priority entomological extension needs in cooperation with other OSU faculty and other public and private partners.

Work with colleagues across Oregon and the PNW to revise/edit appropriate sections of the PNW Insect Control Handbook.

Identify pests and damage caused to crops for growers and county agents.

Serve as a subject matter resource to program committees, OSU Extension faculty and clientele including agricultural industry, agencies and other local groups on a local, regional and statewide basis.

Work with other faculty and industry partners across the region on an on-going basis to be effective in this position.

Applied Research, 25%

Conduct applied research of specific need and clientele interest in management of arthropod and related pests in field crops in western Oregon in cooperation with extension and research faculty across the region, the agricultural industry, public agencies and colleagues in the Pacific Northwest. These programs must encourage the adoption of improved arthropod management practices and whole system strategies (Integrated Pest Management – IPM) that will improve profitability of field crops while assuring environmental sustainability. Specific knowledge gained through field experience and trial work of pesticide modes of action and interactions in cropping systems is essential to the success of this position.

Provide regional leadership for addressing other high priority entomological research needs in cooperation with other OSU faculty and other public and private partners.

Keep abreast of, and interpret scientific, technological and industry developments and trends at state, regional, national and international levels. Test these developments under western Oregon cropping and climatic conditions.

Scholarly Outcomes, 25%

Assigned duties for this position are expected to result in scholarly outcomes. Scholarly and creative work is intellectual work whose significance is validated by peers and that is communicated. Emphasis in scholarship should be placed on outcomes that recognize activities as a professional practitioner in community settings, as defined in this position description.

To achieve promotion, scholarship for this position must include peer reviewed materials that are durable, high impact, and findable in the web environment. These are typically of the two types shown below but as our communication worlds change, other types of scholarship may fit these durability and findable criteria:

- Publications in peer-reviewed journals which might encompass description and evaluation of novel community-based professional practice or research application, program development

and innovation, outcomes of innovative programs and/or services, definitive professional practice reviews, or case reports among others.

•Authorship of extension publications, local or regional “practice” publications, book chapters, other educational materials and electronic information delivery media if it is either peer reviewed before dissemination or if there is evidence of its adoption and use by peers. To achieve promotion, there must be an on-going record that both of these types of scholarship are being done though each does not need to be present in every year of record. Documentation must also be provided that shows these scholarly outputs have had impact. These durable, web-findable materials may be augmented by other forms of peer validation such as the following:

•Invited presentations, poster and podium presentations, and published abstracts and/or proceedings at state, regional and national levels, provided that evidence of peer validation is documented.

•Documented impact due to local or regional adoption of improved practices, methods, or programs.

•Secured competitive grants and contracts appropriate for the scope and focus of the faculty member’s position at the state and federal level.

•Named inventor of a protected intellectual property in the faculty member’s field.

•Recognition as a professional practitioner in community settings as demonstrated by
-Honorary degrees.

-Awards recognizing community, professional and/or scientific achievements.

-Fellowships in national professional and/or scientific organizations.

-Requests to serve as a technical advisor to government agencies, industry, or professional groups.

Facilitate and participate in graduate student research and advising as funding allows.

Organizational Accountability, 5%

Utilize technology successfully as a tool to increase the impact of program delivery on constituents including participating with Ask-an-Expert.

Use multiple methods of electronic communication to collaborate internally and externally as appropriate.

Implement fee-based programming and cost-recovery practices, develop partnerships, and solicit external funding to support and enhance educational programs as appropriate.

Organize and maintain program advisory and management committees or networks to identify program needs, make recommendations, assist in program implementation, and evaluate program effectiveness.

Develop an annual plan of work addressing educational needs as well as evaluate the quality and impact of educational programs provided to audiences as appropriate.

Link your program level output with the overall OSUES and OSU brand in all opportunities.

Provide community and statewide opinion leaders and decision makers the understanding and context on how your program level Extension work relates to overall OSUES programming output. Annually provide impact statement reports adhering to OSUES criteria.

Contribute to equity, inclusion, and diversity as part of teaching, educational delivery, advising, research, Extension, service, and/or scholarly outcomes. Outputs and impacts of efforts to promote equity, inclusion, and diversity should be included in promotion dossiers. Participate in leadership training opportunities that builds expertise around equity, inclusion, and diversity.

5% — Supervision

Supervise Postdocs and FRAs (as funding allows), seasonal workers, temporary workers, student workers, and graduate students when doing project work

5% — Service

The faculty member is expected to provide service to the department, college, university, and community through committee service or serving on boards, leadership, and liaison roles as appropriate and as requested by unit and university administrations.

Service on local, state, regional, and national advisory committees and task forces, as appropriate to position responsibilities, is encouraged.

Participation in the programs and activities of professional organizations is expected and encouraged.

Minimum/Required Qualifications

Doctoral degree in Entomology, IPM or related field.

Strong general background and experience in production of field crops.

Demonstrable commitment to promoting and enhancing diversity and inclusion.

Demonstrated extension, teaching, applied research and organizational skills.

Demonstrated written and oral communication skills including the effective use of mass media.

Demonstrated ability to work as a team member with other professionals.

Demonstrated ability to lead groups and to plan, organize, evaluate, manage, and delegate details associated with program management.

General knowledge of computers, including proficiency with communication technology (e.g. e-mail, internet media).

Demonstrated ability to work independently with minimal supervision and evidence of good time management skills.

Must have or be able to obtain an Oregon Department of Agriculture Pesticide Consultant License within six months of employment and maintain it throughout employment. This position is designated as a critical or security-sensitive position; therefore, the incumbent must successfully complete a Criminal History Check and be determined to be position qualified as per OSU Standard 576-055-0000 et seq. Incumbents are required to self-report convictions and those in Youth Programs may have additional Criminal History Checks every 24 months. Offers of employment are contingent upon meeting all minimum qualifications including the Criminal History Check Requirement. This position requires driving a University vehicle or a personal vehicle on behalf of the University; therefore, the incumbent must successfully complete a Motor Vehicle History Check, possess and maintain a current, valid driver's license in their state of residence, be determined to be position qualified and self-report convictions as per OSU Standard 576-056-0000 et seq. Offers of employment are contingent upon meeting all minimum qualifications including the Motor Vehicle Check Requirement.

Preferred (Special) Qualifications

One or more years' experience with Extension or other informal education delivery methods. Demonstrated skills in crop production problem diagnosis. Pest management (insects, weeds or diseases) training or experience and familiarity with pesticide registration procedures. Demonstrated understanding of, and commitment to, the basic philosophy of Extension and the Land Grant University system. Demonstrated experience using multiple forms of electronic communication, including social media and ability to adapt to the changing technological environment. Demonstrated understanding of needs and impact assessment techniques and their application to Extension programs and services. Demonstrated ability to secure external funding support for research and extension. Demonstrated commitment to work with underrepresented and underserved audiences. Demonstrated life experience, education, and/or training that broaden capacity to equalize the success of or impact on underserved audiences.

Working Conditions / Work Schedule

Duties entail work under field conditions. Field work will require long hours sometimes including weekends under extreme heat or extreme cold.

This position requires a clear and unambiguous commitment to compliance of all National Collegiate Athletic Association (NCAA) regulations for Division I (FBS) universities.

No

Posting Detail Information

Posting Number P02761UF

Number of Vacancies 1

Anticipated Appointment Begin Date 09/16/2019

Anticipated Appointment End Date

Posting Date 02/15/2019

Full Consideration Date 03/15/2019

Closing Date 03/30/2019

Indicate how you intend to recruit for this search Competitive / External - open to ALL qualified applicants

Special Instructions to Applicants

To ensure full consideration, applications must be received by March 15. Applications will continue to be accepted after the full consideration date, until a sufficient applicant pool has been achieved or the position is filled. The closing date is subject to change without notice to applicants.

When applying you will be required to attach the following electronic documents:

- 1) A resume/CV; and
- 2) A cover letter indicating how your qualifications and experience have prepared you for this position.
- 3) A one-page research statement indicating accomplishment and ability to produce scientific peer reviewed outputs (upload as other document)
- 4) A one-page extension statement indicating your extension philosophy and approach to outreach while addressing diversity and engagement (upload as diversity statement)

You will also be required to submit the names of at least three professional references, their e-mail addresses and telephone numbers as part of the application process.

For additional information please contact: Silvia.Rondon@oregonstate.edu

OSU commits to inclusive excellence by advancing equity and diversity in all that we do. We are an Affirmative Action/Equal Opportunity employer, and particularly encourage applications from members of historically underrepresented racial/ethnic groups, women, individuals with disabilities, veterans, LGBTQ community members, and others who demonstrate the ability to help us achieve our vision of a diverse and inclusive community.

This position is designated as a critical or security-sensitive position; therefore, the incumbent must successfully complete a Criminal History Check and be determined to be position qualified as per OSU STANDARD 576-055-0000 et seq. Incumbents are required to self-report convictions and those in Youth Programs may have additional Criminal History Checks every 24 months. Offers of employment are contingent upon meeting all minimum qualifications including the Criminal History Check Requirement.

This position requires driving a University vehicle or a personal vehicle on behalf of the University; therefore, the incumbent must successfully complete a Motor Vehicle History Check, possess and maintain a current, valid driver's license in their state of residence, be determined to be position qualified and self-report convictions as per OSU STANDARD 576-056-0000 et seq. Offers of employment are contingent upon meeting all minimum qualifications including the Motor Vehicle Check Requirement.

Supplemental Questions

Required fields are indicated with an asterisk (*).

Documents Needed to Apply

Required Documents

1. Cover Letter
2. Curriculum Vitae
3. Other Document 1 (see Special Instructions)
4. Diversity Statement

Optional Documents

1. Professional References