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Action Type*	<input checked="" type="checkbox"/> Establish new position description for recruitment <input type="checkbox"/> Update existing position description for recruitment <input type="checkbox"/> Update existing position description (no recruitment)
Position Number or Incumbent Name (Updates Only)	
Appointment Type	Academic Faculty

Justification for Short-Term (Temporary or Academic Wage) Appointment Describe the circumstances necessitating this short-term, non-recurring position. Include the anticipated duration of the position.

Hiring Unit Org	Hiring Unit Name*
211200	Horticulture

Supervisor Name*	Vaughn Walton
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Job Location (City, State)*	Corvallis, OR
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FTE (Appointment %)*	1.0FTE (100%)
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Appointment Basis*	12-month
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Pay Method	Salary
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CLASSIFIED/TEMPORARY POSITIONS ONLY	
Classification Title	
Employment Category	Regular
IT Competency Level (IT only)	
This position is deemed essential and the incumbent may be expected to report to work during inclement weather, emergency and other University work curtailments or closures.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

PROFESSIONAL FACULTY/ACADEMIC FACULTY/ACADEMIC WAGE POSITIONS ONLY	
Rank/Position Title	Postdoctoral Scholar
Job Title/Working Title (Professional Faculty Only)	
Faculty Status	Regular

Tenure Status	Fixed-Term
Will this position be filled on a temporary basis while a search is being conducted, or a reorganization is taking place?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Will this position be filled on a temporary basis to replace a regular employee on leave?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

TENURE/TENURE-TRACK POSITIONS ONLY	
Tenure Appointment Basis*	Choose an item.
Tenure FTE*	

Position Summary*
Briefly summarize the purpose for which the position exists and its role in achieving program/project objectives. As appropriate, include information on the university, college, department/school, program, project, and position.
A Postdoctoral Scholar position is available in the Department of Horticulture at Oregon State University in Corvallis, OR. The incumbent will conduct basic and applied research on diverse pests.
The research will be conducted at the USDA ARS, Corvallis, OR. While participants will not enter into an employment relationship with the ARS, this position requires a pre-employment check and a full background investigation to access the federal facilities.
This work will be performed at the location: USDA-ARS, 3420 NW Orchard Ave., Corvallis 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.

Decision Making/Guidelines*
Identify the breadth and scope of decisions, the level of autonomy/authority and review, and any specific guidelines or reference materials used to make those decisions. As appropriate, include the impact of decisions and/or the result of failing to use guidelines or make appropriate decisions.
Independent decision-making in accordance with university, college, department and funding source guidelines. Standard protocols are used; this position may make modifications based on day-to-day requirements. Makes selection from a variety of possible solutions.

Position Duties*
Describe the major or most important duties performed by this position. Be clear about both the overall function and specifics of work performed. Include the percentage (%) for each duty listed. IMPORTANT: The percentage (%) for each duty must add up to a total of 100%.
70% Experimental design, conducting, and execution in the laboratory, greenhouse, and field to develop biologic https://gradschool.oregonstate.edu/postdocs/stipends-and-benefits ally-based pest managements.
The research is developing new IPM tools for Arthropod pests (<i>i.e.</i> , flies, moths, thrips), and pest slugs. The position will conduct a variety of molecular-based approaches to identify bioactive peptides using Receptor interference technology with neuropeptides and their GPCRs, functional expressions using insect cell lines, molecular and cellular bioassays, and screening.
The incumbents include to write peer-reviewed papers, present the results at meetings, and work with a research team conducting basic and applied research, including molecular research on diverse pests.

20% Data analysis and publication of results in peer-reviewed journals and meetings.

5% Research report writing and team meetings.

5% Lead Work

Undergraduate student research supervision if applicable. Plans, assigns, and approves work for 1-3 student hourly workers.

Successfully complete and maintain appropriate lab and greenhouse safety training and certifications.

Minimum/Required Qualifications*

List qualifications that any applicant must possess upon hire in order to perform the duties of the position. For classified and temporary positions, these include the hard-coded minimum qualifications for the classification as well as any additional required qualifications for the position.

- 1) Ph.D. in entomology or a closely related discipline;
- 2) substantial training and experience in molecular biology, physiology, and/or biochemistry,
- 3) demonstrated record of publishing in peer-reviewed journals, and
- 4) be expected to work independently.

Demonstrable commitment to promoting and enhancing diversity.

Demonstrated ability to incorporate multiple cultural perspectives in educational design and delivery.

This position is in a federal building and the incumbent must successfully obtain the appropriate security clearance within 90 days of the employment start date.

Preferred Qualifications

List qualifications that you prefer applicants possess, but are not required upon hire.

Postdoctoral experience in Protein interaction, screening small molecules, and GPCR cell culture in Arthropod pests or Eukaryote cells.

Record of/commitment to work with underrepresented/underserved audiences.

Life experience, education, or training that broadens capacity to equalize student success or impact underserved audiences.

Working Conditions/Work Schedule

Briefly describe if outside a typical office environment. Include any physical requirements (e.g., lifting, working outdoors, extended periods of standing, traversing uneven/rugged terrain, work at sea, etc.), as well as any required schedules, non-standard hours (e.g., evening and/or weekend work), or travel.

Occasional travel may be required for conferences and meetings.

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

- Yes
 No

A demonstrable commitment to promoting and enhancing diversity is*:

- Required
 Preferred

Supervisory/Lead Work Duties	
If this position has supervisory or lead work responsibilities, provide the details below	
Will this position supervise <u>OR</u> provide lead work for other employees?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Supervisory/Lead Work Responsibilities (check all that apply):	<input type="checkbox"/> None <input checked="" type="checkbox"/> Plans Work <input checked="" type="checkbox"/> Assigns Work <input type="checkbox"/> Approves Work <input type="checkbox"/> Disciplines/rewards <input type="checkbox"/> Responds to Grievances <input type="checkbox"/> Hires/Fires (or effectively recommends) <input type="checkbox"/> Prepares/signs performance evaluations/reviews
How many and what type of employees does this position provide supervision/lead work for? EXAMPLES: <ul style="list-style-type: none"> • 2 student employees and 1 classified employee. • 1 graduate assistant, 2 professional faculty employees, and 1 academic faculty employee. 	1-2 student employees

Proposed Salary Rate/Range	\$54,840- \$60,000
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