**Plant Genomics and Bioinformatics**

Dept. of Horticulture

Oregon State University

The Department of Horticulture invites applications for a full-time (1.0 FTE), 9-month, tenure-track Assistant Professor position.

This position will conduct research on genomics of economically important crop plants. Two months of summer salary will be provided on a fixed-term, recurring basis for three years. Thereafter, the faculty member will be expected to generate two months of summer salary. The incumbent will be responsible for writing grants and securing the funds for summer salary and operating expenses.

The person in this position is responsible for developing a comprehensive program in research teaching and outreach in applied genomics and bioinformatics for economically important staple and specialty crops of Oregon. The person in this position is expected to develop and implement collaborative and independent research, to discover new knowledge and/or creative solutions to problems related to genomics and bioinformatics of economically important crops. The research discoveries and impacts are to be communicated to peers, practitioners and citizens.

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.

The Department of Horticulture is a comprehensive department with active research, Extension, and resident instruction missions. The department serves a diverse and changing horticultural industry and strives to serve the horticultural needs of all citizens in Oregon. To meet these missions, the department has approximately 60 statewide faculty. The faculty are approximately equally split between on-campus and off-campus locations. Off-campus research faculty are located at Experiment Stations and County Extension offices throughout the state. The Department of Horticulture faculty also collaborate with the USDA-Agricultural Research Service in the Corvallis area.

To review the full position announcement, qualifications and to apply,

go to <https://jobs.oregonstate.edu/applicants/Central?quickFind=65022>

or <http://oregonstate.edu/jobs>, Posting #0013285; **Closes January 25, 2015**. OSU is an AA/EOE.

**For further information**, please contact Search Committee Chair **Shawn.Mehlenbacher@oregonstate.edu**

or Department Head Bill.Braunworth@oregonstate.edu

**Posting Details – on OSU website**

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If you need to **edit your profile information** before applying for a position, first login and then click on the 'Manage Profiles' link on the navigation bar to the left. You will not be allowed to change or add to your employment profile information after you have applied for a position.

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**Position Information**

Position Title Assistant Professor

Job Title Assistant Professor

This position requires a clear and unambiguous commitment to compliance of all National Collegiate Athletic Association (NCAA) regulations for Division I (FBS) universities. No

Appointment Type: Academic Teaching/Research Faculty

Job Location **Corvallis**

Department: Horticulture 211200 AGD

Position Summary

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Currently, 230 undergraduate and 35 graduate students are enrolled in the department. The College of Agricultural Sciences manages two research farms and a vineyard with a total of 260 acres of land and greenhouse space for research and teaching purposes. Additional information is available at the department's website: http://horticulture.oregonstate.edu/

**Position Duties**

**85% Research**
1. Identify, prioritize, and conduct research in genomics and bioinformatics of economically important crops for the Pacific Northwest.
2. Develop or continue a strong research program that is supported by extramural funding in an area that complements the activities and expertise of faculty in Plant Breeding and Genomics, and related disciplines.
3. Supervise employees, including planning, assigning and approving work, responding to grievances, hiring/firing or effectively recommending such action, disciplining/rewarding, and signing and administering performance appraisals. (15%)
4. Collaborate with professional colleagues within the department, college, and university, and with industry and other appropriate organizational representatives to identify new, relevant, and important issues related to genomics and bioinformatics of economic crops.
5. Participate as a major professor or member on M.S. and Ph.D. student committees.
6. Communicate research results through refereed publications, and regional, statewide, and national publications as appropriate, and through presentations at professional meetings.

**10% Teaching**1. Contribute to curriculum development in plant breeding and genomics.
2. Develop and teach one undergraduate level course per academic year, and graduate level courses to be taught in alternate years in areas of the faculty member's expertise that meet the needs of the plant breeding and genomics program. Graduate level topics will include DNA markers, mapping and quantitative trait locus (QTL) analysis.
3. Contribute guest lectures and seminars as needed.
4. Utilize contemporary educational technologies and approaches (including online methodologies and tools) when developing and teaching courses.
5. Complete peer and student evaluation of teaching and learning as per departmental and university guidelines, and assess learning consistent with university requirements

**5% Service**1. Meet all reporting requirements of the department, college, and university.
2. Participate in departmental faculty meetings, other committees, working groups, and other appropriate activities.
3. Serve on college and university committees as appropriate.
4. Serve on public committees and advisory boards as requested and appropriate.
5. Participate in the activities of professional organizations.
6. Review manuscripts for scientific journals.

Position Duties (continued):

Working Conditions/Work Schedule:

Minimum/Required Qualifications

Ph.D. in Genomics, Plant Science, Horticulture, Agronomy or other relevant discipline.

Demonstrated or potential ability to develop academic research and teaching programs in genomics and bioinformatics.

Demonstrable commitment to promoting and enhancing diversity as it relates to teaching and mentoring students, and collaborating on research projects with other scientists.

Preferred (Special) Qualifications

Research experience in applied genomics.

Research experience and interest in higher plants.

Demonstrated record of publication, and strong scientific writing and technical presentation skills.

Demonstrated interest in trans-disciplinary research.

Demonstrated capacity for intellectual curiosity, creativity, leadership, and collaboration with local, regional, and national colleagues.

Ability or potential to secure extramural funding.

Demonstrated ability to communicate orally and in writing to stakeholder groups, work independently and cooperatively within a team, and work and communicate with colleagues.

Record of/commitment to work with underrepresented/underserved students or other audiences.

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

**Scholarly Outcomes** for Position (academic faculty only)

25% of the assigned duties will result in scholarly outcomes.

Develop or discover new knowledge and/or creative solutions to problems related to applied plant genomics and bioinformatics. Communicate new knowledge or creative solutions by publishing in refereed journals, peer-reviewed publications, and by presenting information at local, regional, national, and international meetings, conferences, and congresses. Demonstrate peer validation through critical peer review and adoption. Maintain an active, externally-funded research program.

Indicate how you intend to recruit for this search:

Competitive / External - open to ALL qualified applicants

Posting Date 10-31-2014

For Full Consideration **Closing Date 01-25-2015**

Recommended Full-Time Salary Range

A demonstrable commitment to promoting and enhancing diversity is: A required qualification

**Special Instructions to Applicants**

When applying you will be required to attach the following electronic documents:
1) A cover letter addressing your qualifications and aspirations as they relate to the specific duties and responsibilities described in the position description.
2) A full-length curriculum vitae (CV).
3) A one-page teaching philosophy, including a list of courses you are qualified or interested in teaching, upload as Other Document 2.
4) **A two-page research statement, address how your research interests align with other faculty's research and potential collaborations**, upload as Other Document 3.
5) The names and contact information (email or telephone) of three references who may be contacted by the search committee, upload as Other Document.

For additional information please contact:
Bill Braunworth 541-737-1317 bill.braunworth@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 and has a practice of being responsive to the needs of dual-career couples.

Preview of Posting Specific Questions

**Responses to the Posting Specific Questions are limited to 1200 characters, including spaces, when answered within the system space provided.**

Posting Number 0013285

Quicklink for Posting jobs.oregonstate.edu/applicants/Central?quickFind=65022

[Return to Search Results](https://jobs.oregonstate.edu/applicants/Central?delegateParameter=applicantPostingSearchDelegate&actionParameter=returnToSearchResults&windowTimestamp=PA_1418257988671)

**Additional Notes:**

The position is located on the Oregon State University campus in Corvallis and housed in Horticulture but serves the Plant Sciences in general (Horticulture, Botany and Plant Pathology, Crop and Soil Science, Forest Ecosystems and Society) and the Center for Genome Research and Biocomputing (Brett Tyler, director). There are four USDA units in Corvallis with researchers doing similar types of research.

**The position was requested by the Plant Breeding and Genetics faculty to address needs an opportunities in the improvement and understanding of specialty crops** (vegetables, fruits, nuts, ornamentals) of economic importance in Oregon.