POSITION ANNOUNCEMENT
Assistant Professor, Associate Professor, or Professor
Wheat Breeding and Genetics
Department of Crop and Soil Science

POSITION TYPE: Full-time (1.0 FTE tenure track) Assistant Professor, Associate Professor or Professor; 12-month position. Tenure possible with Professorial rank. Required qualifications vary depending upon rank.

LOCATION: Department of Crop and Soil Science, Oregon State University, Corvallis, Oregon

BACKGROUND INFORMATION

This position as Wheat Breeding and Genetics Scientist is an academic professorial faculty appointment with an academic home in the Department of Crop and Soil Science. The position is being offered as a 12-month; 1.00 tenure track position.
The incumbent contributes to the missions of Oregon State University Extension Service and the College of Agricultural Sciences (CAS) with principal responsibility for research and teaching in wheat breeding and genetics.
The faculty member will ensure that all people have equal employment and program participation opportunities regardless of race, religion, sex, sexual orientation, national origin, age, marital status disability, and disabled veteran or Vietnam-era veteran status.

RESPONSIBILITIES

This individual will provide leadership for a wheat breeding, genetics and molecular biology research program focused on the genetic improvement of productivity, pest resistance and end-use quality of wheat varieties in Oregon and the Pacific Northwest.

Research and Teaching (80%)

Research (70%)

1. In collaboration with other OSU scientists, conduct an internationally recognized wheat breeding and genetics program. The faculty member will be responsible for initiating and managing complex projects, and must work in close collaboration with other plant breeders, germplasm curators, pathologists, entomologists, weed scientists, molecular biologists and external research collaborators. The program goals are to develop germplasm and release new varieties with improved productivity, increased tolerance to biotic and abiotic stresses and enhanced and/or unique end-use properties. It is anticipated that some germplasm and varieties will be developed in cooperation with private industry partners. The incumbent will identify, characterize, and utilize new traits and associated markers to introgress valuable alleles into wheat germplasm through wide crosses, gene mapping, marker assisted selection, bioinformatics, and other genomic tools.
2. Publish research findings both as a lead and co-author in refereed journals and other publications as appropriate.
3. Serve as the primary interface between the wheat breeding/genetics program and others in the wheat industry including the Oregon and regional wheat commissions and grower organizations, seed dealers, private breeding and biotechnology companies, wheat end users and others.

4. Collaborate with other cereal researchers, plant breeders, and geneticists in the state and region to maximize research efficiencies

Teaching(10%)

1. Annually teach an undergraduate or graduate level class and an alternate year class to meet departmental and college plant breeding and genetics curricular needs. Work with other faculty to evaluate and modify curriculum to meet educational needs.
2. Provide undergraduate graduate student training in cereal breeding and genetics research.

Service (10%)

Contribute to wheat improvement activities on regional, national and international levels as appropriate. Participate in professional committee and leadership roles as possible. Participate in departmental and university committees and other service activities as requested

Supervision (10%)

Personnel management for the wheat breeding program. This involves working with research assistants, post-docs, graduate students, and undergrads to oversee the various research projects within the program and includes planning, assigning and approving work, disciplining/rewarding, responding to grievances, hiring/firing (or effectively recommending such actions) and preparing/signing performance evaluations/reviews.

QUALIFICATIONS

Assistant Professor level:

1. Ph.D. in plant breeding and genetics or a closely related field.
2. Demonstrated potential to contribute to scholarly activity in a professional arena.
3. Demonstrated potential to build teams and to plan, organize, evaluate, manage, and delegate details associated with individual and team programs.
4. Demonstrated excellence in written and verbal skills.
5. Demonstrated potential to obtain extramural funding for program operations, development and enhancement.
6. Ability and interest in developing and delivering educational materials to diverse student audiences.
7. This position must possess and maintain a current, valid driver's license.

Associate Professor level: In addition to the above, applicants must have:

1. A strong record off achievement in scholarly activity
2. Documentation that substantiates success in team building
3. A documented record of ongoing success in obtaining extramural funds for support of research efforts
4. Documentation of successes in student teaching (student evaluation of teaching scores, peer assessments, etc.) and advising
5. Documentation of service to one's university, profession or community

Full Professor level: In addition to the above, applicants must have:

1. Documentation of current program success. This documentation should include a record of on-going and successful cultivar and germplasm releases; an on-going record of publications in top journals appropriate to the person's discipline and other scholarly works (books, book chapters, etc.)
2. An established record of recognition among one's peers as evidenced by professional service election/appointments, requests for grant and other funding panel participation, awards and honors, etc.
3. A documented record of exemplary service to one's university, profession and community
4. Appointment with tenure is possible at this level.

EMPLOYMENT STATUS, SALARY AND BENEFITS

Appointment will be in the Department of Crop and Soil Science, College of Agricultural Sciences, with full academic rank and privileges. Promotion and tenure are based on job performance, teaching, service and peer-level scholarly accomplishment. Beginning salary will be commensurate with professional qualifications. Benefits include state retirement, health, life, and dental insurance group plans, annual and sick leave.

OREGON STATE UNIVERISTY AND THE COMMUNITY

OSU is one of only two universities in the U.S. to have Sea Grant, Space Grant and Sun Grant designations and is the only university in Oregon to have earned the Carnegie Foundation's top designation, awarded to institutions with "very high research activity". Oregon State welcomes a diverse student body of nearly 22,000 students from across Oregon, all 50 states and more than 80 countries. They can choose from more than 200 undergraduate and more than 80 graduate degree programs. Oregon State is located in Corvallis, a vibrant college town of 53,000 in the heart of Western Oregon's Willamette Valley.

The Department of Crop and Soil Science is one of Oregon State University's largest academic units. CSS faculty are directly involved with five of the top ten Oregon agricultural and fisheries commodities, working with crops that account for over a third of Oregon's @$4.5 billion agricultural industry and working with forest, soil and water agencies and groups across the state. CSS faculty are official representatives to a third of the 60 commodity commissions and agricultural/natural resource organizations in Oregon.

POSITION AVAILABLE: 1 January 2011

APPLICATION CLOSING: For full consideration, submit all application materials by 31 July 2010.

APPLICATION PROCESS:

For detailed position description and application procedures, go to https://jobs.oregonstate.edu/applicants/jsp/shared/search/Search_css.jsp and search for posting 0005761.

Additional information about the Department of Crop and Soil Science can be found at the Department's web page - http://cropandsoil.oregonstate.edu.

Oregon State University is an Affirmative Action/Equal Opportunity Employer and has a policy of being responsive to the needs of dual-career couples.