

Notice of Vacancy
Position # 79314/39985

TITLE: Endowed Chair in Small Grains Extension and Research, Weed Science

The Department of Crop and Soil Sciences (CSS) at Washington State University (WSU) is seeking to fill an Endowed Chair position in the area of weed science. The *Endowed Chair in Small Grains Extension and Research* was created through a generous donation from the Washington Grain Commission (WGC) to foster excellence and leadership in the area of extension weed science with a focus on small grains-based cropping systems in eastern Washington State. Currently valued at \$1.5 million, the endowment has excellent prospects for growth and support of a world class extension and research program at Washington State University.

In partnership with the WGC, WSU-CSS is seeking an established faculty member with an outstanding record of extension and research accomplishments and leadership for this position. This is a 12-month, 70% WSU Extension and 30% Agricultural Research Center position eligible for hire at the associate professor or professor rank with tenure based on background and qualifications.

LOCATION: Washington State University (WSU) Pullman Campus, Pullman, Washington

SALARY: Competitive and commensurate with background and qualifications.

EFFECTIVE: August 1, 2011 or as negotiated.

RESPONSIBILITIES:

Weed management is critical to the success of agricultural systems. The successful candidate will develop and lead outreach and research programs that integrate chemical, cultural, and mechanical weed control measures with new or novel approaches for weed management in the small grains-based production systems of eastern Washington. The incumbent is expected to focus on weed management issues of critical importance to the small grains industry and ensure that cutting-edge knowledge and technology is delivered widely and with the intent to foster adoption of best practices leading to effective weed control. Efforts must be directed towards developing a program where the findings allow growers to protect crop yields from losses due to weeds, meet environmental stewardship goals, reduce input costs, manage herbicide resistance, and promote other agroecosystem services. The program must integrate with and complement existing extension and research efforts.

The successful applicant will conduct a program of research consistent with the mission of the WSU Agricultural Research Center (<http://arc.wsu.edu/>). Through collaborative efforts with USDA-ARS and other WSU scientists, the incumbent will develop an integrated extension-research program that is recognized nationally and internationally. Acquiring extramural competitive funding is required, and the incumbent is expected to actively participate in teaching graduate students in the lab and in the classroom.

Together with other weed science faculty, the incumbent will lead the statewide weed science extension team composed of department and county-based extension faculty members. The team is charged with developing, delivering and evaluating outreach programs in the area of weed science. Modes of delivering Extension information may include oral presentations, written documentation (e.g., bulletins on weed control or weed biology), web sites and other modern and/or novel techniques. Assessment of outcomes and impacts of extension programs is required.

QUALIFICATIONS:

Required qualifications:

1. Ph.D. in weed science, plant ecology, agronomy, or a closely related field with an emphasis on weedy plant management and an academic record and work experience sufficient to achieve tenure at the rank of associate professor or professor
2. Proven ability in extension program leadership, including planning, execution, delivery and impact assessment, commensurate with career level
3. Outstanding record of publishing in peer-reviewed journals commensurate with career level
4. Demonstrated ability to collaborate with other scientists

Preferred qualifications:

1. Extensive knowledge of weed management systems
2. Knowledge of field and laboratory research techniques applied to weed management and control
3. Outstanding communication skills, both written and verbal
4. Demonstrated record of training graduate students in the field of weed science
5. Demonstrated record of competitive grant success commensurate with career level
6. Demonstrated knowledge and ability to work effectively with individuals and groups of diverse cultures, backgrounds, and ideologies

DESCRIPTION OF JOB SITE:

Background and resources: Washington State University (WSU) is a comprehensive land-grant research institution located in Pullman, with additional campuses in Spokane, the Tri-Cities (Richland, Pasco and Kennewick), and Vancouver, Washington. There are ten colleges and a graduate school. More than 18,600 undergraduate and graduate students are served by the Pullman campus. WSU offers some 245 fields of study including more than 150 majors plus many minors, options and certificate programs. Bachelor's degrees are available in all major areas, with master's and doctoral degrees available in most. Washington State University is one of the largest residential universities in the West. Pullman offers a friendly, small-town living environment. To learn more about the Pullman community, visit: www.pullmanchamber.com. The university's web page (www.wsu.edu) offers information about WSU and the surrounding area.

The Department of Crop and Soil Sciences (www.css.wsu.edu) has 40 faculty, including two endowed chairs (wheat breeding and genetics; cropping systems pathology) and one distinguished professor (barley breeding and genetics), located at the Pullman campus and three research and extension centers throughout the state. In addition, five USDA-ARS research units

(Wheat Genetics, Quality, Physiology and Disease; Land Management and Water Conservation; Root Disease and Biological Control; Grain Legume Genetics and Physiology; Western Region Plant Introduction Station) are located at WSU with scientists integrated with university departments. Facilities include the Western Wheat Quality Laboratory (www.wsu.edu/~wwql/php/index.php), state-of-the-art plant growth facilities (www.pgf.wsu.edu/index.html), the new Orville A. Vogel Plant Bioscience Building (www.virtualtour.wsu.edu/tour-campus/biosciences/index.html), and a network of university-owned research farms. The Department offers M.S. and Ph.D. degrees in Crop Science and Soil Science and contributes to college-level interdisciplinary degrees in Integrated Plant Sciences (ips.wsu.edu) and Agricultural and Food Systems (afs.wsu.edu). According to the Chronicle of Higher Education, in 2007 WSU plant science programs were ranked 2nd in the nation; agronomy was ranked 7th (2nd in the west) (chronicle.com/stats/productivity).

Washington ranks #5 among U.S. states in wheat production with an annual crop value approaching \$750 million. Winter wheat is grown on approximately 2 million acres annually, while spring wheat is grown on approximately 600,000 acres. Approximately 98% of the wheat acreage is treated with an herbicide. Washington State University's main campus is located in Whitman County, which has been the #1 wheat producing county in the U.S. since 1978 (Wheat Facts: <http://www.washingtongrainalliance.com/images/E0177801/2009WF4WebFinal.pdf>).

APPLICATION SUBMISSION PROCESS:

Application screening will begin on 15 June 2011. To apply, visit <https://www.wsujobs.com>. Be prepared to submit a letter of application addressing all of the qualifications for the position and include your research interests, a statement of vision for an Extension program as supported by the position description (no longer than two pages), a current curriculum vitae, copies of official graduate transcripts, and provide the names and contact information four people willing to serve as references. For questions about the position, contact Dr. Ian C. Burke, icburke@wsu.edu, 509-335-2858.

WASHINGTON STATE UNIVERSITY IS AN EQUAL OPPORTUNITY/ AFFIRMATIVE ACTION EDUCATOR AND EMPLOYER. Members of ethnic minorities, women, special disabled veterans, veterans of the Vietnam-era, recently separated veterans, and other protected veterans, persons of disability and/or persons age 40 and over are encouraged to apply.

WSU is committed to excellence through diversity, has faculty friendly policies including a partner accommodation program, and a 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.

Washington State University 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.