Washington State University
NOTICE OF VACANCY

Position # 84151

TITLE:
■ Assistant/Associate Professor – Soil Nutrient and Residue Management
■ 12-month, full-time, permanent, tenure-track/tenured position

LOCATION:
■ Washington State University—Pullman, Washington

SALARY:
■ Competitive salary commensurate with qualifications and experience

START:
■ August 1, 2015; negotiable

THE OPPORTUNITY:
The Department of Crop and Soil Sciences (CSS) within the College of Agricultural, Human and Natural Resource Sciences (CAHNRS) at Washington State University (WSU) is seeking a dynamic, motivated, problem-solving leader to join an extraordinary team of scientists and extension experts in non-irrigated cropping systems. As an integral part of this team, we are looking to fill a 12-month, tenure-track (assistant rank) or tenured (associate rank), extension and research position to begin August 1, 2015, or as negotiated, at the Pullman, Washington campus. The successful applicant will develop a nationally-recognized and regionally-relevant program focused on soil nutrient and residue management to enhance crop productivity while increasing profits and improving soil quality.

The crop and soil science programs at WSU are centered in the heart of the geologically unique Palouse region of the Pacific Northwest, featuring some of the world’s deepest and most productive loess soils. The nationally recognized soil science faculty supports two major, overlapping research themes: sustainable agriculture and vadose zone hydrology. Within these broad themes, faculty lead collaborative research on organic, conservation and precision agriculture, biogeochemistry, contaminant transport, storm water management, nutrient cycling, microbial dynamics, climate change mitigation, proximal soil sensing, digital soil mapping, and bioenergy development.

This position is directly responsible to the CSS Department Chair.

RESPONSIBILITIES:
This position is primarily extension and research, with the expectation to contribute to departmental teaching programs as necessary. The successful candidate will develop a nationally-recognized extension and research program in the area of nutrient and residue management for soil quality in eastern Washington non-irrigated cropping systems. Opportunities for emphases include nutrient use efficiency, improved rotations, cover crops, residue management for erosion control, greenhouse gas
emissions, nutrient loss, soil health, precision nutrient application, and soil acidity. Programs must be based on stakeholder needs and effectively integrate research and extension, and other disciplines such as biosystems and environmental engineering, plant pathology, entomology, weed science, and horticulture, as appropriate. The incumbent will disseminate information by publishing results in appropriate scientific journals and peer-reviewed extension media, delivering presentations at scientific conferences and grower meetings, and using the Internet and other modern communication platforms including developing dynamic decision tools. This person will cooperate with internal and external extension and research colleagues to identify research priorities, conduct collaborative projects, and disseminate results. Other duties include securing extramural funds to support the program from state, regional and national grant sources, as well as the agricultural industry; mentoring and advising graduate students; and participating, as appropriate in committees, instruction, and other activities of the Department of Crop and Soil Sciences (CSS), CAHNRS and WSU.

QUALIFICATIONS:
Required qualifications:
- Earned Ph.D. at the time of hire in soil science, agronomy, or closely related field, with an emphasis in soil nutrient and residue management; and
- Demonstrated record of publishing peer-reviewed research and extension products commensurate with career level.

Desired qualifications:
- Evidence of excellent communication skills, both written and verbal;
- Record of competitive grant success commensurate with career level;
- Demonstrated ability to work in interdisciplinary teams to conduct transdisciplinary research and outreach;
- Demonstrated knowledge of non-irrigated agricultural systems;
- Demonstrated leadership ability in outreach and/or research;
- Demonstrated knowledge of the application of research techniques applied to soil nutrient and residue management; and
- Demonstrated experience in student mentoring.

THE DEPARTMENT OF CROP AND SOIL SCIENCES:
- Faculty and students in the Department of Crop and Soil Sciences at WSU are committed to creating a sustainable earth and feeding the world through research, teaching, and extension.
- Crop Science and Soil Science undergraduate students can select B.S. programs in either Integrated Plant Sciences (with majors in agricultural biotechnology; field crop management; fruit and vegetable management; landscape design; landscape, nursery, and greenhouse management; turfgrass management; or viticulture and enology) or Agricultural and Food Systems (with majors in agricultural education; agricultural technology and production management; agricultural and food business economics, organic agricultural systems; or agriculture and food security).
- First-class facilities include a new 30-acre organic farm on the Pullman campus as well as labs, greenhouses, and farms in Pullman and at research and extension centers in Prosser, Wenatchee, Puyallup, and Mount Vernon.
- Partnerships with the USDA Agricultural Research Service, the Department of Energy’s Pacific Northwest National Laboratory, commodity commissions, the agriculture industry,
and family farms result in well-rounded and timely research, successful outreach, and opportunities for student internships.

For more information, visit http://css.wsu.edu.

COLLEGE OF AGRICULTURAL, HUMAN, AND NATURAL RESOURCE SCIENCES:
The College of Agricultural, Human and Natural Resource Sciences (CAHNRS) at Washington State University is an expansive and diverse college that includes 15 academic departments and five research and extension centers distributed across the state. CAHNRS fosters disciplines that serve at the interface of scientific discovery and its application to the advancement of society and improvement of the human experience. Our mission is to provide global leadership in discovering, accessing, and disseminating knowledge that contributes to producing a safe, abundant food and fiber supply; promotes the well-being of individuals, families, and communities; enhances sustainability of agricultural and economic systems; and promotes stewardship of natural resources and ecological systems. In all dimensions of our mission, we strive to embody the signature “World Class, Face to Face” motto of Washington State University. CAHNRS personnel embrace the opportunity to fulfill the university’s land-grant mission by making groundbreaking research discoveries, by utilizing innovative approaches to teaching and learning, and by delivering relevant, progressive extension programs that synergistically generate outcomes that enhance the quality of life for the citizens of Washington State, as well as for people around the globe.
For more information, visit http://cahnrs.wsu.edu.

WASHINGTON STATE UNIVERSITY:
Founded in 1890, Washington State University is a comprehensive land-grant university with teaching, research, and extension missions, and one of two research universities in Washington State. WSU is organized into ten academic colleges, the Honors College, and the Graduate School. It has an enrollment of more than 28,000 undergraduate and graduate students on four campuses (Pullman, Spokane, Tri-Cities, and Vancouver) with approximately 20,000 students located on the main campus in Pullman, WA. WSU ranks among the top 60 public research universities and is a Carnegie I, Doctoral/Research Extensive University. WSU strongly values diversity among its faculty, staff, and students and seeks to ensure a welcoming community for all.

Further information about WSU can be found at: http://www.wsu.edu.

LIFE ON THE PALOUSE:
Pullman offers a friendly, small-town atmosphere with a high quality of life and connected community. Located 80 miles south of metropolitan Spokane, Pullman is also a quick drive away from the scenic Idaho panhandle and Moscow Mountain. The rolling hills of the Palouse offer a wide range of outdoor activities and a true four-season climate. The area provides ample opportunity to enjoy the cultural and academic hub of both Washington State University and the University of Idaho, in the neighboring town of Moscow, Idaho. Additionally, Pullman has an excellent public school system and was recently ranked by Bloomberg Business as the best small town in Washington to raise children.

To learn more about the Pullman community, visit: http://www.pullmanchamber.com.
APPLICATION PROCESS:
Screening of application materials begins March 16, 2015, and is open until filled. To apply, visit http://www.wsujobs.com and be prepared to submit a detailed letter of application addressing the required and preferred qualifications, a current curriculum vitae, a statement of vision for the soil nutrient and residue management program, three (3) letters of reference that address the specific qualifications of the position, and a scanned copy of official transcripts to facilitate screening.

For questions about the position contact:

Dr. Drew Lyon, Search Committee Chair, 509-335-2961, drew.lyon@wsu.edu.

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(d), or hrs@wsu.edu.
Washington State University – Soil Nutrient and Residue Management Specialist with the rank of Assistant/Associate Professor. The Department of Crop and Soil Sciences (CSS) within the College of Agricultural, Human and Natural Resource Sciences (CAHNRS) at Washington State University (WSU) is seeking a dynamic, motivated, problem-solving leader to join an extraordinary team of scientists and extension experts in non-irrigated cropping systems. As an integral part of this team, we are looking to fill a 12-month, tenure-track (assistant rank) or tenured (associate rank), extension and research position to begin August 1, 2015, or as negotiated, at the Pullman, Washington campus. The successful applicant will develop a nationally-recognized and regionally-relevant program focused on soil nutrient and residue management to enhance crop productivity while increasing profits and improving soil quality. Opportunities for emphases include nutrient use efficiency, improved rotations, cover crops, residue management for erosion control, greenhouse gas emissions, nutrient loss, soil health, precision nutrient application, and soil acidity. This position is primarily extension and research, with the expectation to contribute to departmental teaching programs as necessary. The position is directly responsible to the Chair of the Department of Crop and Soil Sciences. Information about the Department of Crop and Soil Sciences can be found at http://css.wsu.edu. Additional information about CAHNRS can be found at http://cahnrs.wsu.edu. Required: Earned Ph.D. at the time of hire in soil science, agronomy, or closely related field, with an emphasis in soil nutrient and residue management. Demonstrated record of publishing in peer-reviewed journals and extension venues commensurate with career level. Highly Desired: Evidence of excellent communication skills, both written and verbal. Record of competitive grant success commensurate with career level. Demonstrated ability to work in interdisciplinary teams to conduct transdisciplinary research and outreach. Demonstrated knowledge of non-irrigated agricultural systems. Demonstrated leadership ability in outreach and/or research. Demonstrated knowledge of the application of research techniques applied to soil nutrient and residue management. Demonstrated experience in student mentoring. Application Process: Screening of application materials begins March 16, 2015, and is open until filled. To apply, visit http://www.wsujobs.com (Search #84151) and be prepared to submit a detailed letter of application addressing the required and preferred qualifications, a current curriculum vitae, a statement of vision for the soil nutrient and residue management program, three (3) letters of reference that address the specific qualifications of the position, and a scanned copy of official transcripts to facilitate screening. For questions about the position contact: Dr. Drew Lyon, Search Committee Chair, 509-335-2961, drew.lyon@wsu.edu. EEO/AA/ADA.
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