Technology in Natural Resources Specialist

Oregon State University

Department: Ext Computer Svc Admin (TEX)

Appointment Type: Professional Faculty

Job Location: Oregon

Recommended Full-Time Salary Range: $57,472-$74,532

Job Summary:

The Division of Extension and Engagement is seeking a Technology in Natural Resources Specialist. This is a full-time (1.00 FTE), 12-month, professional faculty position. Refer to the Working Conditions/Work Schedule section for information on establishing a remote work location in the state of Oregon.

This Information and Technology (IT) professional position is with the Division of Extension and Engagement's (division) Extension Computing and Technology Unit. This dynamic and innovative Technology in Natural Resources Specialist will span boundaries to lead Extension Service efforts at the intersection of technology and natural resources for forest landowners and farmers across Oregon, and is a joint effort between the College of Agricultural Sciences' Extension Agricultural Sciences & Natural Resources Program and the College of Forestry's Extension Forestry & Natural Resources Program at Oregon State University.

This Technology in Natural Resources Specialist will be supervised by the Extension Agricultural Sciences & Natural Resources Program Leader. Decisions regarding this position are made collaboratively with the supervision team which includes the Executive Director for Digital Extension & Inclusion and the Extension Forestry & Natural Resources Program Leader.

This position will focus on harnessing the potential of natural resources technologies including Artificial Intelligence (AI) to enhance sustainability, resilience, and productivity in the natural resources arena. This Specialist will work with IT leaders of each respective college and Extension to help synthesize the application of these technologies in a way that other Extension academic and professional faculty can integrate in their daily program offerings to the stakeholders in Oregon.

This Specialist will teach, collaborate with Extension academic and professional faculty, stakeholders, and disseminate findings to advance industries reliant on agriculture and forestry; and will focus on any of a broad range of topics associated with the use of emerging technologies, including AI, to promote sustainable natural resource management.

This Specialist is responsible for designing, developing, maintaining and/or carrying out educational programming and outreach activities to serve broad and diverse populations in an accessible, inclusive, equitable, and socially just manner. This includes complying with Civil Rights and Language/Visual Access regulations.

About the division:
The Division of Extension and Engagement (division) is core to Oregon State University's mission. The division helps create real solutions and positive impact across Oregon and beyond. The division is aligned under the leadership of the Vice Provost for Extension and Engagement. To learn more about our division and its core units and initiatives, please visit: https://engagement.oregonstate.edu/.

The division has built the capacity and expectation for employees to use digital communications and technologies in the modern-day workplace. This reflects our demonstrable commitment to using digital communications tools and changing technologies as a primary way to raise Oregonian's awareness of and engagement with our organization, programs and resources.

Oregon State University strives to ensure that all educational programs, services, activities, and materials we offer to the public are identified, developed, delivered, and evaluated in an accessible, inclusive, equitable, and socially just manner. OSU division's educational programs, services, activities, and materials are available to all people. OSU division prohibits discrimination in all its programs, services, activities, and materials. All employees are responsible for and expected to comply with Civil Rights obligations and actively work to expand access to all eligible populations.

Why OSU?

Working for Oregon State University is so much more than a job!

Oregon State University is a dynamic community of dreamers, doers, problem-solvers and change-makers. We don't wait for challenges to present themselves — we seek them out and take them on. We welcome students, faculty and staff from every background and perspective into a community where everyone feels seen and heard. We have deep-rooted mindfulness for the natural world and all who depend on it, and together, we apply knowledge, tools and skills to build a better future for all.

FACTS :

• Top 1.4% university in the world
• More research funding than all public universities in Oregon combined
• 1 of 3 land, sea, space and sun grant universities in the U.S.
• 2 campuses, 11 colleges, 12 experiment stations, and Extension programs in all 36 counties

• 7 https://hr.oregonstate.edu/work-life/diversity-and-cultural-resources that offer education, celebration and belonging for everyone
• 100+ undergraduate degree programs, 80+ graduate degrees plus hundreds of minor options and certificates
• 35k+ students including more than 2.3k international students and 10k students of color
• 217k+ alumni worldwide
• For more interesting facts about OSU visit: https://oregonstate.edu/about

Locations:

Oregon State has a statewide presence with campuses in Corvallis and Bend, the OSU Portland Center and the Hatfield Marine Science Center on the Pacific Coast in Newport.

Oregon State's beautiful, historic and state-of-the-art main campus is located in one of America's best college towns. Corvallis is located close to the Pacific Ocean, the Cascade mountains and Oregon wine country. Nestled in the heart of the Willamette Valley, this beautiful city offers miles of mountain biking and hiking trails, a river perfect for boating or kayaking and an eclectic downtown featuring local cuisine, popular events and performances.

Total Rewards Package:

Oregon State University offers a https://hr.oregonstate.edu/benefits/prospective-employee with benefits eligible positions that is designed to meet the needs of employees and their families including:
• Medical, Dental, Vision and Basic Life. OSU pays 95% of premiums for you and your eligible dependents.
• Free confidential mental health and emotional support services, and counseling resources.
• Retirement savings paid by the university.
• A generous paid leave package, including holidays, vacation and sick leave.
• Tuition reduction benefits for you or your qualifying dependents at OSU or the additional six Oregon Public Universities.
• Robust Work Life programs including Dual Career assistance resources, flexible work arrangements, a Family Resource Center, Affinity Groups and an Employee Assistance Program.
• Optional lifestyle benefits such as pet, accident, and critical illness insurance, giving you peace of mind and the support you need to thrive in all aspects of your life.

Future and current OSU employees can use the https://hr.oregonstate.edu/benefits/new-employees/benefits-calculator to learn more about the full value of the benefits provided at OSU .

Key Responsibilities

90% – Technology Engagement Extension Teaching:

• Discover, co-develop, and engage with internal audiences and external stakeholders, including OSU Extension employees, landowners, producers, growers, and woodland owners, in the application of 21st-century technology optimization, providing reasonable accommodations as needed.
• Co-develop and deliver non-credit educational programs (primarily to OSU Extension employees), workshops, and training sessions with an emphasis to enhancing and growing 21st-century technology utilization.
• Utilize innovative teaching methods to engage with multiple audiences, helping to translate emerging technologies to encourage adoption by end users. Ensure that the technologies are accessible and/or develop accessible platforms that would reach a wider audience of natural resources practitioners.
• Provide the necessary technical assistance and guidance to employees to translate technology to industry and private practitioners.
• Seek technologies that help to achieve the OSU Strategic Plan (Prosperity Widely Shared) for multiple audiences, focusing on external engagement and outreach.

Partnerships, Collaboration, and Engagement:

• Collaborate with other OSU colleges (e.g., colleges of Science and Engineering) to strengthen Extension-based technologies that translate to field conditions on natural resources.
• Engage with community members, Extension academic and professional faculty, and industry leaders to identify needs and opportunities for technology applications in agriculture, forestry, and other natural resources.
• Serve as a liaison between OSU and industry technology partners to identify platforms that facilitate knowledge exchange and resource sharing.
• In partnership with OSU Extension Service, College of Agricultural Sciences and College of Forestry Information and Technology (IT) teams coordinate and lead an Extension Artificial Intelligence (AI) natural resources advisory group with a broad and diverse client base that includes internal and external partners. AI technology use and transfer is a core component of this position.
• Collaborate with OSU employees, students, and industry partners to test appropriate technologies in the field and share results with Extension academic and professional faculty.
• Contribute to the development of educational materials, outreach publications, and digital resources to disseminate knowledge to broad and diverse natural resources audiences.
• Follow OSU and division brand guidelines, digital publishing standards and digital contact management data integrity practices for programmatic communications, marketing and engagement.
• Attend training opportunities to build basic knowledge and consistent skills to use digital communications, marketing and engagement technologies relevant to position duties.

• In collaboration with other partners as needed, develop and host an annual natural resources technology conference or meeting to showcase current technologies applicable to stakeholders.
• Travel/driving will be required.

10% – Accountability and Reporting

• Establish metrics and evaluation criteria to assess the impact of technology on natural resources educational programs and initiatives and share that with Extension employees.
• Prepare and submit timely reports that highlight program outcomes, successes, and areas for improvement.
• Contribute actively to Extension and the colleges' assessment and strategic planning efforts around technology.
• Complete the division's civil rights training(s).
• Report appropriate civil rights data from educational programming and outreach activities into the division's reporting system for the internal civil rights review.

What You Will Need

• Bachelor's degree in a natural resources or biological engineering field with a minimum of two (2) years of demonstrated experience providing significant technology related services including: teaching, support, design, or educational program delivery; **OR** a bachelor's degree in computer science or a technology related field with a minimum of two (2) years of demonstrated experience providing significant technology related services including: teaching, support, design, or educational program delivery in natural resources work.
• Demonstrated expertise in the application of emerging technologies (some possible examples: broadband, VR/AR, wearable technologies, robotics, drones, precision ag, web/mobile apps, AI, etc.) in natural resource management.
• Record of delivering non-formal (non-credit) educational programs to broad and diverse audiences, or transferable skills demonstrating potential to deliver such programming.
• Excellent communication and interpersonal skills, enabling communication of highly complex, unfamiliar concepts to broad and diverse audiences.
• A commitment to collaborative and respectful learning and working environments that are safe, inclusive, and welcoming.

This position is designated as a critical or security-sensitive position; therefore, the incumbent must successfully complete a criminal history check and be determined to be position qualified as per University Standard: 05-010 et seq. Incumbents are required to self-report convictions and those in youth programs may have additional criminal history checks every 24 months.

This position requires driving a university vehicle or a personal vehicle on behalf of the university; therefore, the incumbent must successfully complete a motor

vehicle history check, possess and maintain a current, valid driver's license in their state of residence, be determined to be position qualified and self-report convictions as per University Policy 05-030.

What We Would Like You to Have

• Certificate or certification of experience with generative artificial intelligence, machine learning, or related areas of emerging technology.
• Experience in outreach, teaching and stakeholder engagement.
• Bilingual/biliterate (English/Spanish)
• Ability to serve constituents from different backgrounds and with different life experiences, particularly members of under-represented communities.

Working Conditions / Work Schedule

Traveling/driving will be required to fulfill the responsibilities of this position which include delivering educational programming and collaborating and engaging with internal and external partners.

Flexibility to perform work in a variety of settings and in the evening and on weekends.

The Division of Extension and Engagement's Computing Technology Unit is located on OSU's campus in Corvallis, Oregon. However, a remote work location may be established via an OSU Flexible Work Arrangement Agreement, with predetermined periodic reviews of on-going work for continuation of the agreement. Due to the responsibilities of this position and the traveling/driving requirements, the remote work location will be limited to the state of Oregon.

Special Instructions to Applicants

When applying you will be required to attach the following electronic documents:

1) A resume

2) A cover letter indicating how your qualifications and experience have prepared you for this position.

You will also be required to submit the names of at least three professional references, their e-mail addresses and telephone numbers as part of the application process.

Starting salary within the salary range will be commensurate with skills, education, and experience.

For additional information please contact:

Victor Villegas

Victor.villegas@oregonstate.edu

We are an Equal Opportunity Employer, including disability, protected veteran, and other protected status.

OSU will conduct a review of the National Sex Offender Public website prior to hire.

OSU is a fair chance employer committed to inclusive hiring. We encourage applications from candidates who bring a wide range of lived experience including involvement with the justice system. This job has "critical or security-sensitive" responsibilities. If you are selected as a finalist, your initial job offer will be contingent upon the results of a job-related pre-employment check (such as a background check, motor vehicle history check, sexual misconduct reference check, etc.). Background check results do not automatically disqualify a candidate. Take a look at our https://hr.oregonstate.edu/careers/background-checks website including the https://hr.oregonstate.edu/careers/candidates section for more details. If you have questions or concerns about the pre-employment check, please contact OSU's Employee and Labor Relations team at employee.relations@oregonstate.edu.

To apply, please visit: https://apptrkr.com/6098385