



Oregon State
University

Department of Horticulture

North Willamette Research & Extension Center
15210 NE Miley Road, Aurora, Oregon 97002-9543

Irrigation Management. Post-doctoral Scholar.

Position Summary:

The Nackley Lab is seeking a motivated applicant to develop and disseminate research associated with sustainable irrigation management in nursery production systems. Nursery production is the most valuable commodity in Oregon and depends on supplemental irrigation during the dry growing season. Therefore, you will have an opportunity to provide impactful research. Project themes include, but are not limited, to plant-water relationships, environmental sensing, water-nutrient management, the economics of water management, or social and environmental impacts of agricultural water use.

The position will be stationed at the North Willamette Research & Extension Center in Aurora, OR (NWREC). NWREC is a research farm, with views of Mt. Hood, located in the suburban/agricultural matrix in between the Portland and Salem metro regions. In this position, you will have considerable independence to develop your skills as well as be provided opportunities for mentorship and professional development. Oregon State University 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, and 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. If you are interested in supporting our project and institutional goals, then we hope you apply for this position.

Position Duties:

- 30% Identify, design, execute, and analyze field or lab-based research that will optimize water-use in plant production systems.
- 30% Generate and disseminate peer validated and publicly accessible publications and creative works related to horticultural water-use.
- 15% Deliver public presentations and conduct workshops at local, regional, and national venues. Support the development of internet accessible content such as website posts and social media outreach.
- 10% Assist with grant funding applications processes to support and develop research project goals.
- 5% Assist with on-farm visits, consultations, and other regional and national engagements with stakeholders including growers, legislators, and academics.
- 5% Schedule required materials purchases and maintain field plots and equipment used for research and Extension purposes.
- 5% Supervise students and temporary employees working in the laboratory and field, including planning, assigning, and approving work.

Minimum/Required Qualifications

- Ph.D. in Horticulture, Botany, Agricultural Engineering, Ecology, or relevant academic discipline
- Completed Ph.D. within less than five years of hiring date.
- Experience in designing, conducting, and analyzing lab and field experiments.
- Excellent communication skills in both verbal and written English
- A criminal history check is required to be determined to be position qualified as per OSU Standard 576-055-0000 et seq. Applicants are required to self-report convictions, and those in youth programs may have additional criminal history checks every 24 months. Offers of employment are contingent upon meeting all minimum qualifications including the criminal history check requirement.
- To be determined qualified the incumbent must complete a Motor Vehicle History check, possess and maintain a current, valid driver's license in their state of residence, and self-report convictions (as per Voluntary and Compulsory Driver Standards OAR 125-155-0200) as per OAR 576-056-0000 et seq.

Preferred (Special) Qualification

- Experience with greenhouse or nursery production systems
- A record of grant writing and reporting
- A record of peer-reviewed scientific publications
- Experience delivering educational material
- Supervisory experience
- A demonstrable commitment to promoting and enhancing diversity.

Working Conditions/Work Schedule

The Post-Doctoral Scholar may be required to work outside during inclement weather or evening/nighttime hours for data collection, depending upon the time of year and experimental protocol. Outside environments included agricultural, urban, and rural settings.

The position is available as early as May 2019 and includes two years of salary support (annual minimum \$48,432), including benefits. Additional position information is at <https://gradschool.oregonstate.edu/postdocs>

Questions can be directed to Lloyd Nackley, PhD

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To apply, please email LLOYD.NACKLEY@OREGONSTATE.EDU

1. 1-page cover letter
2. CV
3. Example of Academic writing