

Ag Engineer Advisor

Applied Research and Extension

Serving the Intermountain Region

Position Overview

The University of California, Agriculture and Natural Resources (UC ANR), a statewide program with local development and delivery, is seeking the following UC Cooperative Extension (UCCE) advisor.

Location Headquarters. UC ANR Intermountain Research and Extension Center, Tulelake, CA

Purpose. The Ag Engineer Advisor will implement an extension education and applied research program to address high needs in relation to integrating and adapting new technologies related to mechanization, automation, and precision farming into Intermountain cropping systems.

The focus will be irrigated field crops, vegetables, and specialty crops grown in the Intermountain Region of Northern California. The work will support crop diversification and infrastructure modernization, expand organic production, and develop better on-farm decision support tools to overcome several economic and environmental challenges.

The advisor will serve as the regional lead for integrating new farm machinery, irrigation equipment, and new technologies into current cropping systems. High priority subject areas include soil management, farm labor, pest management, and automation. The advisor will be expected to work cooperatively with industry, producers, and UC investigators to 1.) help industry adapt new equipment and technology to Intermountain cropping systems and 2.) create collaborative synergistic relationships with private and public partners. Examples of potential cooperative projects include investigating new mechanical/robotic weeding equipment for organic vegetable production, testing new harvesting techniques for intermountain hay, adapting drip irrigation systems to intermountain crops, and comparing new diagnostic tools to improve in-season crop fertilization. The Advisor will be housed at the Intermountain Research and Extension Center (IREC). The home counties will be Siskiyou and Modoc County. The advisor will be expected to provide regional support to the Intermountain region which includes Lassen County, Plumas-Sierra Counties, and Eastern Shasta County.

This is an exciting opportunity to have meaningful impacts in the communities locally and throughout California.

Opportunities abound for research and extension partnerships that link consumers and resource professionals across multi-sectors with relevant science-based information and promote effective problem solving. The advisor will also join a team of highly motivated UCCE colleagues who are passionate about their work, and are dedicated to making a difference within the communities and throughout California. The potential for collaborative projects within the UC ANR system is nearly limitless.

Counties of Responsibility. This position is focused on the Intermountain region. There is opportunity to work collaboratively across counties.

Reporting Relationship: The CE Advisor serves under the administrative guidance of the Director for the University of California Cooperative Extension (UCCE) Intermountain Research and Extension Center.

Qualifications and Skills Required

Required Qualifications

Education: A minimum of a Master's degree in Agricultural Engineering or other closely related fields is required at the time of appointment.

Additional Requirements

- Live within a commutable distance of the position headquarters during period of appointment.
- The CE Advisor must possess or obtain a Qualified Pesticide Applicator Certificate (QAC) or License prior to applying or supervising the application of any pesticide.

Desired Experience

- Passion and desire to pursue a career in Extension and community development.
- Experience in successful Extension programming or community development,
- Demonstrated ability to effectively plan, manage teams and implement a research program, including setting measurable goals and objectives.

Skills Required

To be successful, the CE Advisor requires skills in the following area:

Technical Competence and Impact

The candidate should have a deep understanding of key concepts related to Agriculture and Engineering and be able to design and implement a program that leads to positive changes and impact within the community and beyond. There is an expectation that advisors evolve and grow across their career and may even need to change the focus of their work.

Communication

Demonstrated excellence in written, oral and interpersonal and information technology communication skills.

Collaboration, Teamwork and Flexibility

Demonstrated ability to work collaboratively as a team member with others. Able to adapt as circumstances warranted.

Aware and willing to actively promote diversity, equity and inclusion.

Lifelong Learning

Demonstrated commitment to ongoing self-improvement - both professionally and as a person. Ability to shift program focus as times and organizational needs change.

Learn more about Skills and Areas of Programmatic Review (including Professional Competence, University and Public Service and Affirmative Action and DEI) at:
<https://ucanr.edu/sites/anrstaff/files/319460.pdf>

About UC ANR

The University of California, Division of Agriculture and Natural Resources (UC ANR) consists of a network of scientists and educators working in partnership across the California. We are committed to developing and supporting healthy food systems, healthy environments, healthy communities, and healthy Californians. UC ANR administers UC Cooperative Extension (UCCE), which is responsible for program development and delivery in the counties throughout the state of California.

Learn more about

- UC ANR at <https://UCANR.edu>
- UC ANR Intermountain REC <http://irec.ucanr.edu/>
- Our Strategic Initiatives <http://ucanr.edu/sites/StrategicInitiatives/>
- Our Public Value statements at [https://ucanr.edu/sites/anrstaff/2016-2020 Strategic Plan/Goal 5 Prioritize programs and services/Public values statement/](https://ucanr.edu/sites/anrstaff/2016-2020%20Strategic%20Plan/Goal%205%20Prioritize%20programs%20and%20services/Public%20values%20statement/)
- DEI: Further to the above, advisors are expected to share and exhibit UC ANR's commitment to Diversity, Equity and Inclusion [https://ucanr.edu/sites/Professional Development/Office - Team Management/Diversity Equity Inclusion Belonging/](https://ucanr.edu/sites/Professional%20Development/Office%20-%20Team%20Management/Diversity%20Equity%20Inclusion%20Belonging/)
- Affirmative: Further to the above, advisors are expected to share and exhibit UC ANR's commitment to affirmative action. Learn more of UC ANR Affirmative Action policy: [http://ucanr.edu/sites/anrstaff/Diversity/Affirmative Action/](http://ucanr.edu/sites/anrstaff/Diversity/Affirmative%20Action/)

Salary & Benefits

Salary: The beginning salary will be in the Assistant CE Advisor Rank and commensurate with applicable experience and professional qualifications. For information regarding CE advisor series salary scales, please refer to: <https://ucanr.edu/sites/anrstaff/files/358478.pdf>

This position is eligible for indefinite status following three successful reviews and subject to terms noted in UC ANR Policy and Procedure Manual, Section 315
<https://ucanr.edu/sites/anrstaff/files/118501.pdf>

Benefits: The University of California offers comprehensive benefits including vacation, sick leave, and approximately thirteen paid holidays per year. This position is eligible for sabbatical leave privileges as per the terms of University policy and is eligible for indefinite status.

For more information, refer to the UC Benefits website at:
<https://ucnet.universityofcalifornia.edu/compensation-and-benefits/index.html>

How to Apply

If interested in this position, please visit: <https://recruit.ucanr.edu/> and choose “applicants” (refer to position 21-30)

Closing Date: To assure full consideration, application packets must be received by **December 1, 2021 (open until filled)**.

Contact Tatiana Avoce; email: tavoce@ucanr.edu

Applicants may wish to explore the UC Davis Services for International Students and Scholars web page at <https://siss.ucdavis.edu/> as a resource.

University of California Cooperative Extension

Please note the UC Policy on COVID vaccination and working for UC: For the safety and well-being of the entire university community, the policy will require, with few exceptions, that all students, faculty and staff be vaccinated against the COVID-19 virus before they will be allowed on campus or in a facility or office." Please visit <https://ucnet.universityofcalifornia.edu/news/2021/07/ucs-covid-19-vaccine-policy.html> for more information.

The University of California is an Equal Opportunity/Affirmative Action Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, age, protected veteran status or other protected categories covered by the UC nondiscrimination policy.

As of January 1, 2014, ANR is a smoke- and tobacco-free environment in which smoking, the use of smokeless tobacco products, and the use of unregulated nicotine products (e-cigarettes), is strictly prohibited.