

ASSISTANT/ASSOCIATE PROFESSOR IN AGRICULTURAL SYSTEMS SCIENCE

The Department of Soil and Crop Sciences (SCS) at Colorado State University is recruiting for a tenure-track assistant/associate professor in the field of agricultural systems science. We seek a biophysically-oriented scientist who utilizes a systems perspective to study sustainable agricultural production emphasizing plant- and soil-based processes (water, nutrients, carbon, etc.). Candidates are sought that can link agricultural/cropping systems research with water quality/quantity and other sustainability issues in a water-limited region. SCS is a diverse department with strong Soil and Crop science contingents that directs itself towards multi-disciplinary approaches to environmental issues. The successful candidate will fit with SCS's mission and will contribute to programs of the College of Agricultural Sciences (CAS) by conducting research and teaching that is responsive to rapidly changing social, political, and environmental contexts and oriented toward finding solutions to critical environmental problems positioned within the food/water/energy nexus. This tenure track position is a 50% research, 40% teaching, and 10% outreach appointment on a 9-month contract. Information regarding the department, programs and degrees offered can be viewed at <http://soilcrop.agsci.colostate.edu/>

The successful applicant will be expected to develop a nationally recognized research program within the arena of agriculture systems dynamics/resilience with a focus on sustainable production systems when water resources are limited or variable. Research topics include, but are not limited to: analysis of management impacts on soil and nutrients, water quality and use, biogeochemical cycling and energy use efficiency and yield; landscape level dynamics of productivity, water and nutrients; and/or analysis of techniques to improve water and nutrient efficiency in cropping systems; especially in regions with limited irrigation. The successful candidate will teach an undergraduate course in some aspect of Soil-Crop Management and Sustainable Agriculture, Agricultural Biogeochemistry/Fertility, or other topics, and will contribute to the Department's overall teaching needs at the graduate and undergraduate levels. The candidate will also interact with faculty at CSU focusing on Water Science and Climate Change.

Required Qualifications:

Completion of PhD or equivalent degree by date of hire). Degree emphasis in a relevant field such as (but not limited to): soil and crop sciences, agronomy, environmental sciences, ecology, biogeochemistry, biosystems engineering, or sustainable agriculture.

Preferred qualifications:

An excellent publication record

Strong analytical skills

Ability to conduct innovative, basic and/or applied field-based studies on agricultural systems

Effective communication skills, emphasis on presenting and disseminating research information to a broad audience

Demonstrated successful teaching experience

Demonstrated successful grant proposal experience

Ability to advance the department's commitment to diversity and inclusion through research, teaching and outreach with relevant programs, goals and activities.

Applications will be accepted until the position is filled; however, to ensure full consideration applications should be submitted by April 30, 2014. Suggested starting date is January 1, 2015, but is negotiable.

Interested individuals should submit the following application materials at https://advancing.colostate.edu/jobs/login_new.asp?search_id=123 (1) a cover letter addressing required and preferred qualifications; (2) a curriculum vitae; (3) a statement of research interests, teaching experience, service and contributions to enhancing academic diversity; (4) pdf copies of up to three recent publications; and (5) a list of three professional references whom we may contact at a future date for a letter of recommendation. References will not be contacted without prior notification to a candidate.

Colorado State University, located in Fort Collins, Colorado, is situated on nearly 5,000 acres of land, including the main campus, a foothills campus, an agricultural campus, and a mountain campus (Pingree Park). Colorado State also has 4,600 acres for research centers, including an almost 30-year cropping systems experiment, Cooperative Extension offices, and Colorado State Forest Service stations. Fort Collins is an award-winning city located on the Front Range of the Rocky Mountains with the foothills and 14,000-foot peaks visible to residents. Easy access to hiking, skiing, rafting and other outdoor sports is a great advantage to CSU students, faculty and staff. Read more here: <http://www.colostate.edu/about.aspx>.

Colorado State University does not discriminate on the basis of race, age, color, religion, national origin or ancestry, sex, gender, disability, veteran status, genetic information, sexual orientation, or gender identity or expression. Colorado State University is an equal opportunity/equal access/affirmative action employer fully committed to achieving a diverse workforce and complies with all Federal and Colorado State laws, regulations, and executive orders regarding non-discrimination and affirmative action. The Office of Equal Opportunity is located in 101 Student Services.

Colorado State University is committed to providing a safe and productive learning and living community. To achieve that goal, we conduct background investigations for all final candidates being considered for employment. Background checks may include, but are not limited to, criminal history, national sex offender search and motor vehicle history.