

## Assistant Professor of Rangeland Science and Management

The Department of Plant Sciences in the College of Agricultural and Environmental Sciences at the University of California, Davis is recruiting an Assistant Professor of Rangeland Science and Management. This is an academic year (9 month), tenure-track position with teaching, research, and service responsibilities and includes the expectation that the appointee will establish a land grant mission oriented research and engagement program of relevance to California (<http://www.caes.ucdavis.edu/admin/asp/mission-of-the-agricultural-experiment-station>).

### Responsibilities:

Applicant research program should focus on the development of novel principles, practices, and strategies to optimize forage and livestock production while sustaining a multitude of essential rangeland and pastureland ecosystem services. The successful appointee is expected to establish a collaborative, multi-disciplinary research program at the management scale to enhance our mechanistic understanding of how ecological, hydro-edaphic, and climatic factors interact with rangeland and pastureland livestock grazing management to generate synergies and tradeoffs between agricultural and conservation goals. This research aims to enhance the sustainability of rangeland and pastureland livestock production systems in the face of increasing social-economic pressures and environmental change. The candidate will be expected to establish a dynamic and innovative teaching program at both the undergraduate and graduate levels. Plant Sciences is perfectly positioned to develop a premier, contemporary rangeland and pastureland science and management undergraduate curriculum. This position will play a central role in developing this curriculum to prepare students for jobs in grazingland management and planning, as well as for graduate study on basic and applied topics related to rangeland agro-ecosystems. The successful candidate will be expected to teach Rangeland Plant-Livestock Interactions and Grazing Management (Revised PLS 135) and contribute to Principles of Rangeland Management and Ecology (PLS 130). In addition, the candidate can teach at the graduate level within their area of research expertise and contribute to the Horticulture and Agronomy, International Agricultural Development, and/or Ecology Graduate Groups. In addition, the appointee will teach a course or seminar at the graduate level within their area of research expertise. Enthusiastic and effective advising and mentoring of undergraduate and graduate students and postdoctoral fellows is expected. Participation in and development of public outreach and/or community engagement programs, and performance in departmental and university service is expected. The selected candidate is expected to work with Cooperative Extension specialists and advisors, partners in the ranching industry, and other grazingland management stakeholders. Annual seed funding opportunities via the UC Russell L. Rustici Rangeland and Cattle Research Endowment will provide unique flexibility and opportunities for the candidate to build an exceptional research program.

Ph.D. or equivalent degree in the field of Rangeland Science and Management, and/or Applied Plant or Grazing Ecology, Agroecology, or Agronomy. Post-doctoral experience is preferred. Evidence of research excellence is expected. The candidate should have the ability to develop and instruct undergraduate and graduate courses and the ability to develop and conduct extramurally funded research in rangeland and pastureland science and management.

Salary:

Commensurate with qualifications and experience.

To Apply:

Application materials must be submitted via the following website:

<https://recruit.ucdavis.edu/apply/JPF01239>

The position will remain open until filled. To ensure consideration, applications should be received by 23:59 PDT December 31, 2016.

Required application materials include: 1) curriculum vitae including publication list, 2) copies of up to three peer-reviewed publications, 3) transcripts if the applicant is within five years of Ph.D. degree completion, 4) statement of research accomplishments, 5) statement of teaching accomplishments and philosophy, 6) statement of future research plans relevant to rangeland and pastureland management and science 7) Statement of Contributions to Diversity, and 8) the names, addresses, including e-mail, of three to five professional references. Additional inquiries should be directed to:

Dr. Kenneth W. Tate, Chair, Search Committee  
Department of Plant Sciences  
University of California - Davis  
Mail Stop 1  
One Shields Avenue  
Davis, CA 95616  
Phone 530-754-8988  
E-mail: [kwtate@ucdavis.edu](mailto:kwtate@ucdavis.edu)

*UC Davis is an affirmative action/equal employment opportunity employer and is dedicated to recruiting a diverse faculty community. We welcome all qualified applicants to apply, including women, minorities, veterans, and individuals with disabilities.*