

## **Assistant Professor of Soils and Plant Nutrition**

### **Department of Land, Air and Water Resources, University of California, Davis**

**Title:** The Department of Land, Air and Water Resources in the College of Agricultural and Environmental Sciences at the University of California, Davis is recruiting an Assistant Professor of Soils and Plant Nutrition with an emphasis on strengthening our understanding of soil-plant relationships that influence nutrient content and quality of food crops intended for human and livestock consumption. This position is part of a multi-departmental hire of three new faculty to address food and nutrition problems that transcend disciplinary boundaries. This is an academic year (9-month), Assistant Professor tenure-track position with teaching, research, outreach/engagement and service responsibilities and includes the expectation that the appointee will conduct mission-oriented research and outreach/engagement of relevance to the California Agricultural Experiment Station (<http://www.caes.ucdavis.edu/research/aes>).

**Responsibilities:** The Department of Land, Air and Water Resources is seeking applicants that focus on soil-plant-microbial relationships that influence nutrient content and quality of food crops intended for both human and livestock consumption. The appointee is expected to establish a competitively funded research program to address critical and/or emerging issues that focus on mechanisms of plant nutrient uptake from the soil, and the influences of soil properties and soil microbiome on nutrient availability and uptake as they relate to nutritional quality of plant foods. The appointee will be responsible for teaching both undergraduate and graduate classes. These could include Principles of Soil Science (SSC100), Sustainable Nutrient Management (SSC109), Plant Sciences (PLS158, PLS157), a graduate class such as Advanced Topics in Plant Nutrition, and co-teach a new set of 2-3 interdisciplinary courses that explore the linkages between soils, food production, food consumption, and nutrition of human populations.

**Qualifications:** Ph.D. in Soil Science, Agronomy, or a field closely related to soil nutrient management and plant nutrition. 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. A candidate with a willingness to build relationships with relevant State of California and federal agencies is desired.

**Salary:** Commensurate with qualifications and experience.

**Applications:** Application materials must be submitted via the following website: <https://recruit.ucdavis.edu>. Applications received by **January 31, 2018** will receive full consideration. The position is open until filled.

Required application materials include: 1) curriculum vitae including publication list, 2) up to three publications in PDF format, 3) transcripts if the applicant is within five years of Ph.D. degree, 4) statement of research accomplishments, 5) statement of teaching accomplishments and philosophy, 6) statement of future research plans relevant to the position, 7) Statement of Contributions to Diversity, and 8) the names, addresses, including e-mail, of four professional references. Additional inquiries should be directed to the search committee chair, William R. Horwath ([wrhorwath@ucdavis.edu](mailto:wrhorwath@ucdavis.edu)).