

Postdoctoral Position in Agricultural Greenhouse Gas Fluxes

We are seeking a postdoctoral scholar to work on a collaborative study focused on greenhouse gas emissions from California dairy farms. The postdoc will be based in the Silver Lab in the Department of Environmental Science, Policy, and Management at U.C. Berkeley and collaborate with Dr. Francesca Hopkins at U.C. Riverside, as well as with a diverse group of scientists at other institutions (UCR, LANL, LBNL, UCI, UCD). We are looking for a highly motivated, independent researcher with experience in automated greenhouse gas measurements under field conditions, as well as experience with laboratory incubation studies. Experience with cavity ring-down laser spectroscopy and automated chambers is highly desirable. The project will focus on manure handling systems and field application at working dairies. A major goal of the project is to compare different measurement techniques; hence, he/she will work closely with other field scientists and modelers to compare results with regional observations to determine the best strategies for future emissions monitoring.

Qualifications: The successful candidate should hold a PhD degree in biogeochemistry, ecosystem ecology, soil science, geochemistry, or related field with emphasis on greenhouse gas dynamics. He/she should have field and instrumentation experience, and ideally have published in peer reviewed scientific journals. Candidates must have received a PhD within the past five years from an accredited college or university.

Application contents:

- One page cover letter describing the applicant's research experiences and interests
- Curriculum vitae
- Names, addresses, email, and phone number for 3 references

Contact: Applications or informal inquiries can be sent to Dr. Whendee Silver at wsilver@berkeley.edu with GHG FIELD POSTDOC as the subject line. The University of California is an Equal Opportunity / Affirmative Action Employer with a strong institutional commitment to the achievement of excellence and diversity among its faculty and staff. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, age, disability, protected veteran status, or any other characteristic protected by law.