

Postdoctoral position in the Atmospheric Science program at the University of California Davis

A postdoctoral position at 100% time is available (expected start date flexible but preferably early in the calendar year 2015) in the area of experimental atmospheric chemistry and dynamics. Responsibilities will include: deploying and maintaining/calibrating trace gas and aerosol instrumentation at a remote coastal mountaintop monitoring station in Monterey County, CA. Other job responsibilities will include: detailed interpretation of the surface measurements in concert with ancillary airborne data collected throughout the region; using the WRF model to improve estimates of transport and mixing in complex terrain; and synthesizing and extending the existing knowledge base on the long-range transport of air pollutants to North America.

Basic Qualifications:

Candidates must possess a PhD in Atmospheric Science, Environmental/Chemical Engineering, or a related field at the time of application.

Preferred Qualifications:

The ideal candidate will possess an understanding of microscale and/or mesoscale meteorology *and* atmospheric chemistry measurements; skills with chemical spectroscopy instrumentation and the ability to program in a computer language such as Python, Matlab, R, C, or FORTRAN. Additional skills (and most importantly interest) in airborne atmospheric sampling, WRF-LES modeling, and/or using satellite databases are considered a plus. The ideal candidate will further have experience publishing in peer-reviewed journals, and will have excellent written and oral communication skills. The candidate will be expected to perform extensive fieldwork, travel to experimental sites and conferences with relative ease, and be comfortable spending research time in a small fixed-wing aircraft.

Appointment:

The targeted start date for this position is approximately January, 2015. The appointment is for 100% time for a period of at least one-year with renewal based on performance and funding availability.

Salary and Benefits:

Salary will be commensurate with experience (\$42,000 - \$49,128). UC Davis has an excellent benefits package as well as a number of policies and programs in place to support employees as they balance work and family. The Postdoctoral Scholar Benefits Plan (PSBP) provides a comprehensive program which offers Medical, Dental, Vision, Life and AD&D Insurance, Short-Term Disability Insurance and Voluntary Long-Term Disability Insurance. For information on UC Postdoc benefits, please visit <http://www.garnett-powers.com/postdoc/index.htm>.

To Apply:

Interested individuals should include a 1-2 page cover letter along with a current CV and the names and contact information of three references. The deadline for applications is January 5, 2015, but applications will continue to be received until a suitable candidate is found. Questions regarding this recruitment can

be directed to Professor Ian Faloon at icfaloon@ucdavis.edu.

All letters will be treated as confidential per University of California policy and California state law. 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, national origin, disability, age or protected veteran status. For the complete University of California nondiscrimination and affirmative action policy see: ucanr.edu/sites/anrstaff/files/170724.pdf.