



POSTDOCTORAL SCHOLAR – ATMOSPHERIC CHEMISTRY DEPARTMENT OF ENVIRONMENTAL SCIENCE, POLICY & MANAGEMENT

A postdoctoral scholar position is available in the Goldstein Research Group at UC Berkeley focused on development of the new Comprehensive Thermal Desorption Aerosol Gas Chromatograph (cTAG) instrument through a DOE SBIR Grant, and its application to measure emissions from biomass burning during the NOAA sponsored FIREX field campaigns. Responsibilities will include working as part of the development and application team for cTAG, development of data analysis tools for chromatographically separated high resolution time of flight mass spectrometer data, collection and analysis of field measurements, collaborating with the cTAG and FIREX science teams, preparation of reports to funding agencies and manuscripts for peer reviewed publication.

Basic Qualifications (by time of application)

Candidates must have completed all degree requirements except the dissertation or be enrolled in an accredited PhD or equivalent degree program in Atmospheric Chemistry (e.g. Engineering, Chemistry, Physics, Atmospheric Science) or related field.

Additional Qualifications (by start date)

Candidates must have a PhD or equivalent degree in Atmospheric Chemistry (e.g. Engineering, Chemistry, Physics, Atmospheric Science) or related field. Candidates must also have experience measuring and interpreting data for atmospheric organic trace gases and/or particulate matter, and have demonstrated knowledge of mass spectrometry and gas chromatography.

Preferred Qualifications (by start date)

Experience developing analytical measurement instrumentation, experience developing data analysis tools/software for high resolution mass spectrometry, experience studying biomass burning emissions, and demonstrated computer coding skills.

Appointment

The targeted start date for this position is between September 2017 and January 2018. The initial appointment is for one year, with renewal based funding and performance. This is a full-time appointment.

Salary and Benefits

Salary will commensurate with qualifications and experience level and based on UC Berkeley salary scales. The annual salary range for this position is \$48,216 to \$56,400. Generous benefits are included: <http://vspa.berkeley.edu/postdocs>

To Apply

Visit <https://aprecruit.berkeley.edu/apply/JPF01410>

Interested individuals should include a 1-2 page cover letter describing their research experience and interests along with a current CV and the names and contact information of three references. Letters of reference may be requested for finalists. It is optional to include a statement addressing past and/or potential contributions to diversity through research, teaching, and/or service.

This recruitment will remain open until filled.

Questions regarding this recruitment can be directed to Professor Allen Goldstein,
ahg@berkeley.edu

All letters will be treated as confidential per University of California policy and California state law. Please refer potential referees, including when letters are provided via a third party (i.e. dossier service or career center) to the UC Berkeley Statement of Confidentiality <http://apo.berkeley.edu/evalltr.html> prior to submitting their letters.

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, sexual orientation, gender identity, national origin, disability, age or protected veteran status. For the complete University of California nondiscrimination and affirmative action policy see:
<http://policy.ucop.edu/doc/4000376/NondiscrimAffirmAct>

The Department is interested in candidates who will contribute to diversity and equal opportunity in higher education through their research or teaching.

The University of California, Berkeley 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.