

CIRES Research Associate

The Cooperative Institute for Research in Environmental Sciences (CIRES) <http://cires.colorado.edu>, has an opening for a Research Associate to assist in furthering its science mission. The research associate position in experimental atmospheric chemistry is available starting in Early 2010. This position will be 50/50 hard and soft money for at least 3 years, with the intention of continuing indefinitely. It will be centered in the Jimenez group ($\geq 50\%$ time) but will be shared with other atmospheric chemistry groups within CIRES & Chemistry, such as the Volkamer, Tolbert, and Vaida groups (up to 50% time combined). The research associate will help train and work with students and postdocs, and co-supervise laboratory and field experiments and data analysis and modeling studies on atmospheric chemistry.

Background information about the research groups, techniques, and previous publications and projects of these groups is available at:

<http://cires.colorado.edu/jimenez>

<http://cires.colorado.edu/science/groups/tolbert/>

<http://www.colorado.edu/chemistry/vaidalab/>

<http://www.colorado.edu/chemistry/volkamer/>

The ideal candidate will have:

- A Ph.D. in Chemistry, Atmospheric Sciences, or a related discipline.
- Postdoctoral experience
- Ability to make a commitment of 3-5 years to this position
- Experience with advanced instrumentation and data interpretation, such as mass spectrometry, optical spectroscopy, vacuum technology etc.
- Interest in working with students and postdocs and helping train them on lab techniques, see e.g. this list of lab skills:
- http://cires.colorado.edu/jimenez-group/wiki/index.php/Group_Skills
- Ability to travel to field studies to assist students & postdocs, especially during the setup phase and in case of problems (~4-6 weeks total travel time per year on average)
- Willingness to participate on aircraft-based field studies
- Desire and ability to communicate and work with multiple students and postdocs
- Experience with computer programming and data analysis, especially Igor Pro, but otherwise Matlab, Fortran, IDL etc.
- Experience with data acquisition programming with Labview (or similar software packages)
- Interest on having his/her own research projects, presenting results at conferences, and publishing some first-author papers
- Interest on participating on (and eventually potentially leading) proposal-writing

The initial appointment will be for 1 year but the expectation is of renewal for 3-5 years upon satisfactory performance.

Please email jose.jimenez@colorado.edu if you are interested in this position, attaching a cover letter, CV, 2-3 first author publications, and contact information for 4-5 references.

The position will be filled as a Research Associate the University of Colorado at Boulder and will be eligible for employee benefits, including 22 days of vacation per year. Screening will begin immediately and continue until filled.

Questions on this position may be directed to: Prof. Jose-Luis Jimenez (jose.jimenez@colorado.edu).

Job Code JJ-2

The University of Colorado at Boulder is committed to diversity and equality in education and employment. The University of Colorado at Boulder conducts background checks for all final applicants being considered for employment.