

**Post-doctoral research** applicants are sought to join a collaborative research project between the US EPA Office of Research and Development and the University of Colorado in Boulder. The project is funded through the NASA Applied Sciences division for the purpose of utilizing models and remote sensing measurements to strengthen decision-making activities at the EPA related to characterizing and controlling fine particulate matter air pollution.

The appointee will focus on inverse modeling and sensitivity analysis of particulate sources using the CMAQ chemical transport model. The position is offered through the University of Colorado, Boulder. The appointee will be primarily located at the EPA Research Triangle Park offices, working directly with scientists and directors in several branches of the Atmospheric Modeling and Analysis Division (Drs. Sergey Napelenok, Robert Pinder, and Alice Gilliland), with frequent travel to coordinate between the EPA and Dr. Daven Henze's research group at the University of Colorado.

Applicants should send a cover letter describing research experience and interests, a CV, and contact information for three references. Candidates must have a PhD in a related field from an accredited college or university. Necessary qualifications include experience using chemical transport or air quality models, working knowledge of atmospheric aerosols and chemistry, and strong communication skills. Preference will be given to candidates with expertise in inverse modeling, data assimilation, and/or remote sensing. The applicant will be expected to publish peer-reviewed journal articles and effectively communicate with both scientists and environmental policy decision-makers. The position will begin fall of 2009 and is for one year, renewable for up to three years. Reviews will begin immediately and will continue until the position is filled. To submit an application or for more information, please contact Dr. Daven Henze (daven.henze@colorado.edu, 303-492-8716). 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 on all final applicants being considered for employment.