Department of
ATMOSPHERIC SCIENCES
MINES AND EARTH SCIENCES | THE UNIVERSITY OF UTAH

Postdoctoral Research Associate on Urban GHG Fluxes & Air Quality Chemistry at the University of Utah

https://employment.utah.edu/salt-lake-city-ut/post-doc-res-assoc/4AE2A7159B614874BFC1D2A549E0B0AE/job/

Job Summary

The Department of Atmospheric Sciences at the University of Utah has a Postdoctoral Research Associate position available to join our research team working on measuring and modeling urban greenhouse gases and air pollution. The primary project will be analyzing the changes in GHG emissions and air quality during the COVID-19 lockdown period in spring 2020. There will be opportunities to work with students and scientists across multiple universities and federal labs, as well as opportunities to engage stakeholders and policymakers at the local, state, and federal levels about the scientific results.

Responsibilities for this position include:

- Conduct fieldwork to maintain a rapidly growing suite of novel measurement platforms (including instruments on light rail train cars, electric buses, stationary sites, etc).
- Conduct quality control and data analysis of the collected measurements.
- Contribute to atmospheric modeling efforts to interpret the data.
- Communicate results in peer-reviewed literature, in conference presentations, and to stakeholders and policymakers.

The position will be funded for one year from the date of hire with a second year of funding contingent on performance. The position will be available beginning October 1, 2021 and will remain open until filled. Salary will be commensurate with education and experience.

Minimum Qualifications

A Ph.D. in atmospheric sciences or related field (oceanography, environmental sciences, geosciences, chemistry, statistics, data sciences, computer sciences or other quantitative science or engineering field) is required at the time of hire. The successful candidate will have a demonstrated ability to conduct data analyses and communicate results in peer-reviewed literature and presentations. Experience using atmospheric trace gas or air quality instrumentation, computer programming (R or Python), or atmospheric modeling is strongly desired.

About Salt Lake City, Utah

Salt Lake City is the "crossroads of the West" with exceptional quality of life opportunities. Within an hour of the city there are 7 ski resorts, wilderness trailheads, mountain biking, rock climbing, fishing, and endless hiking trails. Within a five hour drive there are 6 National Parks, rafting, canyoneering, and more. Salt Lake City has a vibrant concert scene, many museums, and the state capitol is just a few miles from the University of Utah.

To apply, please submit the following by email to logan.mitchell@utah.edu:

- CV or Resume
- Cover letter describing your qualifications, interest in this position, and professional goals.
- Contact information for three professional references who would be willing to write a letter of recommendation. (You don't need to include the letters with your application – we will request letters from your references if you are a finalist for this position)

The University of Utah values candidates who have experience working in settings with students from diverse backgrounds and possess a strong commitment to improving access to higher education for historically underrepresented students.

Individuals from historically underrepresented groups, such as minorities, women, qualified persons with disabilities and protected veterans are encouraged to apply. Veterans' preference is extended to qualified applicants, upon request and consistent with University policy and Utah state law. Upon request, reasonable accommodations in the application process will be provided to individuals with disabilities.

The University of Utah is an Affirmative Action/Equal Opportunity employer and does not discriminate based upon race, ethnicity, color, religion, national origin, age, disability, sex, sexual orientation, gender, gender identity, gender expression, pregnancy, pregnancy-related conditions, genetic information, or protected veteran's status. The University does not discriminate on the basis of sex in the education program or activity that it operates, as required by Title IX and 34 CFR part 106. The requirement not to discriminate in education programs or activities extends to admission and employment. Inquiries about the application of Title IX and its regulations may be referred to the Title IX Coordinator, to the Department of Education, Office for Civil Rights, or both.

To inquire about this posting, email logan.mitchell@utah.edu