

**Two-year postdoctoral fellow position in atmospheric chemistry to study the smoke plume chemistry.** University of Montana and Nanjing University for Information Science & Technology (NUIST) have a joint postdoc position open to study the smoke plume chemistry in wildfires. The successful candidate will participate the WE-CAN field campaign (Western wildfire Experiment for Cloud chemistry, Aerosol absorption and Nitrogen) and involve in volatile organic compound (VOC) measurements using a PTR-TOF-MS in the NSF/NCAR C-130 aircraft. Subsequent post-campaign data analysis of the WE-CAN observations will focus on 1) both traditionally measured and previously unidentified VOCs; 2) chemical production and loss of secondary pollutants and oxidants; and 3) constraining current understanding of chemical mechanism in the fire plume. The candidate will also have opportunities to participate ongoing air quality projects at NUIST.

The candidate will be supported with an annual salary of RMB 200,000-300,000 (about USD 32,000-47,000; dependent upon experience and qualifications), with vast opportunities for professional developments at both institutes, and will split time evenly between the U.S. and China. She/he will lead the related publication(s), presenting results at international conferences, and have opportunities to supervise graduate students and assist proposal developments for seeking funding from agencies in both U.S. and China. The postdoctoral fellow will be co-advised by Prof. Lu Hu (U. Montana) and Prof. Yanlin Zhang (NUIST), and will work closely with the dynamic WE-CAN science team ([https://www.eol.ucar.edu/field\\_projects/we-can](https://www.eol.ucar.edu/field_projects/we-can)) with collaborators from Colorado State U, CU-Boulder, U Washington, U Wyoming, and NCAR.

The successful candidate should have a PhD in atmospheric chemistry or related field, and have significant experience in scientific programming for advanced data analysis. Experience with either chemical modeling or mass spectrometry would be an asset, but not required. Interested applicants can send a detailed CV, a brief statement of research interests, and contact information for 3 references to Professors Hu (<http://www.hs.umt.edu/luhu/>) and Zhang (<http://www.atmosgeochem.com/>). The position is open immediately and applications submitted by May 15, 2018 will receive full consideration. Ideally the successful candidate will be able to join the WE-CAN field deployment (July 22-September 1), but the exact starting date is negotiable.