

C-CET is seeking a Postdoctoral Scholar

The China Center for Energy and Transportation (C-CET) at the UC Davis Institute of Transportation Studies (ITS-Davis) brings together ITS-Davis' network of leading international analysts and scholars and China's leading scholars to provide fundamental understandings through original, independent analysis and joint U.S.-China research on energy and transportation. We now seek a postdoctoral Scholar to perform research on zero emission vehicle (ZEV) adoption in China, the United States and internationally. The candidate is expected to conduct detailed analysis on related policies, potential investments and deployment in charging infrastructure, and vehicle-grid integration planning to support an equitable and sustainable transition to ZEVs.

Basic qualifications

- Applicants must have a PhD in Civil Engineering, Transportation Planning, Geography, Statistics, Computer Science, Economics, Data Science, Energy resources, or a related field.
- Strong understanding/ working experience with transportation and energy data.
- The applicant must possess knowledge, expertise and experience designing and conducting research; experience developing research protocols and demonstrating ability to initiate, coordinate, and conduct research programs in a variety of transportation research fields.
- The applicant must have technical and analytical skills to develop quantitative and qualitative methods and experiences integrating spatial and statistical analysis.
- The candidate must also have strong communication skills, with an ability to speak and write effectively using direct and concise language, including in public presentations.
- Proficiency in Chinese is required.

Preferred qualifications

- The applicant demonstrate proficiency using advanced GIS tools.
- Demonstrated strong background in transportation modeling that may include, for example, travel demand modeling, consumer behavior modeling, vehicle choice modeling, discrete choice studies, transportation-energy analysis, or policy analysis.
- Significant experience in one or more of the following: developing and running models of national/regional level transportation and energy systems including simulation, optimization, transportation systems planning, projecting future changes in systems; and policy analysis.

Other essential qualifications include an excellent track of scientific publications; ability to meet deadlines; work well with a team; produce high-quality research outputs; good time management and record-keeping.

Screening of applications will begin immediately, and recruitment will continue until the position is filled. Interviews with applicants will be scheduled via video conference.

Document requirements

- Curriculum Vitae - Your most recently updated C.V.
- Cover Letter

Contact information

Please send the application materials to the C-CET Assistant Director, Yan Xing, by e-mail to yxing@ucdavis.edu.