Postdoctoral Fellow Position

Policy implications for Transportation Futures

The Department of Mechanical Engineering at the University of British Columbia (UBC), Vancouver campus (www.mech.ubc.ca), invites applications for a full-time, postdoctoral fellow on policy implications for Transportation Futures. This postdoctoral fellowship is funded by the Pacific Institute for Climate Solutions http://pics.uvic.ca.

Transportation Futures for British Columbia lead by UBC http://cerc.ubc.ca/tfbc is looking for qualified candidates to investigate the policy implications of the research in Transportation Futures. Transportation Futures for British Columbia is a multi-disciplinary and multi-institution initiative. The project looks at the electrification of mobility systems, the infrastructure required for zero-emission vehicles and the consumer response to alternative energy vehicles. The candidate will be modelling different scenarios for GHG emission reduction platforms for transportation:

- Low Carbon Fuel Standards
- Cap and trade scenarios
- Carbon Tax
- Life Cycle Analysis and GHG emissions for different fuels
- GHG emission reduction policies around the world
- Required legislation for deployment of Zero Emission Vehicles and Infrastructure
- Homogenization of standards and legislation between BC, WA, OR and CA.

The fellowship will be for a one-year appointment, renewable for one additional year, subject to a performance assessment. There is the potential for the position to be extended beyond two years as a Research Associate. The position is available from now until it is filled. Review of applications will begin on May 15th, 2018. Interested candidates with a Ph.D. in policy, transportation, or any closely related discipline, completed within the last 3 years are encouraged to apply. Applications must include a cover letter, curriculum vitae and names and contact information of three references and can be submitted to Dr. Omar Herrera at omar.herrera@ubc.ca.

Applicants are asked to complete the following equity survey: https://ubc.ca1.qualtrics.com/jfe/form/SV_czHhCYEpk0H8XMF. The survey information will not be used to determine eligibility for employment, but will be collated to provide data that can assist us in understanding the diversity of our applicant pool and identifying potential barriers to the employment of designated equity group members. Your participation in the survey is voluntary and anonymous. This survey takes only a minute to complete. You may self-identify in one or more of the designated equity groups. You may also decline to identify in any or all of the questions by choosing “not disclosed”.

Equity and diversity are essential to academic excellence. An open and diverse community fosters the inclusion of voices that have been underrepresented or discouraged. We encourage applications from members of groups that have been marginalized on any grounds enumerated under the B.C. Human Rights Code, including sex, sexual orientation, gender identity or expression, racialization, disability, political belief, religion, marital or family status, age, and/or status as a First Nation, Metis, Inuit, or Indigenous person.

All qualified candidates are encouraged to apply.