

## PhD Fellowships

### Canada Excellence Research Chair Network for Sustainability Transitions (CERC NEST)

**Fellowship Period: One semester – starting with Sept-December 2024 - \$6000 per term project**

The Canada Excellence Research Chair Network for Equity in Sustainability Transitions (CERC NEST) aims to foster equity and justice in urban energy and sustainability transitions through innovative transdisciplinary methods that connect knowledge with action. This includes addressing community and city actors' questions using creative approaches that target societal needs and methodological debates.

The CERC NEST will focus on priority areas (such as health, jobs, affordability, and access) in Toronto, Los Angeles, and Mexico City. To foster equity in energy and sustainability transitions, we will work with non-academic partners to co-create, test, learn from, revise, and apply frameworks, tools, indicators, and actions through coproduction cycles.

The CERC NEST will offer six fellowships valued at \$6000 EACH, with options to apply for future fellowship terms. This fellowship will tackle objective 3, one of five critical objectives centred on creating data, tools and models that can be used to assess and measure progress along equitable energy transition pathways.

In consultation with the CERC NEST's leaders, Working Group II, the successful fellow will develop a database to address two questions in the cities of Toronto, Los Angeles, and Mexico City: What is the spatiotemporal distribution of inequities and vulnerabilities in affordability, access, and health? How do these distributions overlay inequities based on class, gender, race, cohort, age, and migration status?

The CERC NEST PhD is open to all University of Toronto graduate students who have completed their first year in a PhD program and are in good standing. Knowledge and/or experience with R or a similar statistical programming language, Canadian residence, and proficiency in English speaking and writing skills are prerequisites; proficiency in Spanish or another language widely spoken in study cities is desirable but not required.

Diversity Equity and Inclusion. The University of Toronto embraces Diversity and is building a culture of belonging that increases our capacity to address and serve the interests of our global community effectively. We strongly encourage applications from Indigenous Peoples, Black and racialized persons, women, persons with disabilities, and people of diverse sexual and gender identities. We value applicants who have demonstrated a commitment to equity, diversity and inclusion and recognize that diverse perspectives, experiences, and expertise are essential to strengthening our academic mission. You will be asked to complete a brief Diversity Survey as part of your application. This survey is voluntary. Any information directly related to you is confidential and cannot be accessed by search committees or human resources staff. Results will be aggregated for institutional planning purposes. For more information, please see <http://uoft.me/UP>.

To Apply:

Send the following as a single PDF file, with 'CERC NEST PhD Fellow Application' in the subject line, to [paty.romerolankao@utoronto.ca](mailto:paty.romerolankao@utoronto.ca) by August 2, 2024:

- Motivation letter (max. 2 pages) outlining how you meet the requirements and your interest in equity, justice, sustainability transitions, quantitative/mixed methods, and climate change

- A Curriculum Vitae with contact details for two references
- BA/BSc and MA/MSc transcripts
- Sample of statistical and written work (e.g., a database, indicators, published paper or a chapter of your MA thesis; preferably sole- or lead-authored).
- One reference, ideally a faculty member who is familiar with your work.

If you have questions about the position, please contact Professor Paty Romero-Lankao before submitting your application.