Posting Date: March 17, 2022

University of Toronto
JOB POSTING – POSTDOCTORAL FELLOW

Campus: St George Campus, Dalla Lana School of Public Health

Area of Research: Health Service Research, Implementation Science, COVID-19, Diabetes and Hypertension, New Technologies

Backgrounds:

Prof. Xiaolin Wei is a medical doctor, public health specialists, professor and the Dalla Lana Chair in Global Health Policy in the University of Toronto. He is a Fellow of the Faculty of Public Health of UK. Xiaolin has conducted research using implementation science frameworks to change clinical practice and make impacts at the policy level in areas of antimicrobial resistance, tuberculosis control and diabetes/hypertension care. He has published over 130 peer reviewed research papers, and led over $10m research funding as the principal investigator from MRC, DFID, CIHR, StopTB Partnership and HK RGC. He serves as board member and has served as the Secretary General and Vice President of the International Union of Lung Disease. Prof Wei is the founding director of the Global Implementation Science Lab, located in the Dalla Lana School of Public Health (DLSPH), aiming to develop impactful solutions to global health challenges. He is a regular consultant to various provincial, national and international agencies including the World Health Organization (WHO).

Duties:

The Dalla Lana School of Public Health is seeking a highly motivated individual to work on CIHR funded studies regarding: 1) implementation of COVID-19 guidelines in the Philippines and Sri Lanka to link hospitals, primary care facilities, communities and NGOs to provide accessible and equitable health services during the pandemic; 2) co-develop the guidelines with NGOs and health providers in the Philippines to improve confidence for COVID-19 vaccines; 3) designing and implementing a randomized controlled trial for a COVID-NCD care package to patients with hypertension or diabetes in rural Panjab Pakistan through telemedicine and remote-monitoring platforms. As a member of the Ontario COVID-19 Science Advisory Table, Dr. Wei also analyze administrative databases from the Institute for Clinical Evaluative Sciences (ICES) to evaluate the protect effectiveness of COVID-19 vaccines. Please see the details in the Global Implementation Science Lab.

The successful candidate will work in a highly dynamic environment with exposure to world-leading academic experts and practitioners in the field. His/Her contribution will be mostly qualitative studies that employ implementation science theories and framework to provide accessible and equitable
COVID care to vulnerable groups, including poor families in the Philippines or diabetic patients in Pakistan.

The successful candidate is expected to help formulate his/her research program within the context of related projects. S/he will be supervised by Prof. Xiaolin Wei. The candidate will be benefited within a network of investigators with extensive experience in both qualitative and quantitative studies, implementation science and program management. Specific tasks will include:

- Conduct systematic reviews and situation analyses;
- Be the manager or part of the management team of the projects;
- Write proposals for interventions in low- and middle-income countries aiming to implement and evaluate evidence-based practice at the population level;
- Conduct interviews, focus group discussions and related analysis;
- Access and analyze large database through remote access to ICES portal;
- Collect quantitative data from surveys and trials;
- Draft research reports and academic papers, and publish papers in peer-reviewed academic journals.
- Contribute to teaching/supervising of postgraduate students;
- Support the supervisor with research related tasks that are called for.

Required qualifications:

Minimum Degree Required: Ph.D. or M.D. with a MSc in related areas

Preferred Qualifications: Ph.D. obtained within five years of hiring, preferably in Public Health, Social Science, or Health System and Policy Studies. The candidate should have received solid training in both qualitative and quantitative studies, and have fair knowledge of implementation science frameworks and theories. Publication as first author in related peer-reviewed journals is essential. It will be an asset if the candidates have experience in conducting or analyzing randomized controlled trials. The candidate should have strong ability to communicate scientific material; high enthusiasm, strong work ethic, and willingness to perform at a high level consistently. Having experience in analyzing ICES databases is a great asset.

Salary:

$40,000-60,000 per annum depending on candidate’s skills and experience.

Please note that should the minimum rates stipulated in the collective agreement fall below the rates stated in this posting, the minimum rates stated in the collective agreement shall prevail.
International postdoc fellow: Non-Canadian residents may apply but must have a work permit to work in Canada legally.

Application instructions

All individuals interested in this position must submit a cover letter, CV and two letters of scholarly references to Prof Xiaolin Wei (xiaolin.wei@utoronto.ca). Other application documents include writing sample/publications and abstracts.

Closing date: Open Until Filled

Supervisor:

Prof Xiaolin Wei

Expected start date: September 01 2022 or immediately upon successful selection of an applicant

Term: This is a one-year position, renewable for a second year subject to availability of funding and performance of the postdoc.

FTE:

The normal hours of work are 40 hours per week for a full-time postdoctoral fellow (pro-rated for those holding a partial appointment) recognizing that the needs of the employee’s research and training and the needs of the supervisor’s research program may require flexibility in the performance of the employee’s duties and hours of work.

Employment as a Postdoctoral Fellow at the University of Toronto is covered by the terms of the CUPE 3902 Unit 5 Collective Agreement.

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The University of Toronto is strongly committed to diversity within its community and especially welcomes applications from racialized persons / persons of color, women, Indigenous / Aboriginal People of North America, persons with disabilities, LGBTQ persons, and others who may contribute to the further diversification of ideas.