

Research Postdoctoral Fellowship

Earliest start date: August 1, 2022 (flexible for strong candidate)

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Dr. Jacqueline Pei, at the University of Alberta is seeking an outstanding candidate for a Research Postdoctoral Fellowship. The Fellow will have the opportunity to participate in multiple research projects geared towards improving community based practices specific to meeting the needs of individual with FASD. In particular the Fellow will play a central role in two key projects:

- 1) The Fellow will participate in the redevelopment and implementation of an identification, screening, and case management toolkit designed to improve recognition of individuals with fetal alcohol spectrum disorder in legal contexts, using an implementation science framework. The overall aim of the project is to improve not only identification, but also to enhance the services and supports received by individuals with FASD and other neurodevelopmental disorders in the legal system, and ultimately, improve their trajectories and outcomes.
- 2) The Fellow will contribute to ongoing development, implementation and evaluation of the COMPASS (Client-Oriented Mapping for Point of Care Access to Supports and Services). Geared towards advancing clinical practice for FASD assessment, COMPASS is firmly rooted in the provision of recommendations that are data informed, strength-based, client-empowering, and goal-oriented, and include evidence-based tools and resources (e.g., info graphics, successful strategies, and common considerations) for distribution by clinics to families.

The ACCERT lab

Dr. Pei co-leads the Alberta Clinical and Community-Based Evaluation Research Team (ACCERT) at the University of Alberta. This is a diverse and dynamic lab group comprised of students in research psychology, applied psychology, and measurement streams of study. The ACCERT lab is geared towards world-class research and evaluation that reflects interdisciplinary collaborations, as well as close ties to community and family partners. Emphasis is on impact and outcomes, and students are supported in developing both research and knowledge mobilization skills.

In particular, Dr. Pei's research includes examination of neurodevelopment with an eye towards identification of modifiable factors, as well as examination of intervention outcomes both within highly controlled lab settings as well as in partnership with community within real-time contexts. Ultimately this work is geared towards improving opportunities for success, access to care and quality of life for people with complex needs, and specifically those with FASD. Dr. Pei values collaborative research and utilizes mixed-methods to document intervention efficacy and understand the lived experiences of people with FASD. There will also be opportunities to collaborate with researchers through national partnerships that include the Canada FASD Research Network, and also across the world to better understand the impact of prenatal alcohol exposure and make important evidence-based change for people with FASD. *Prior knowledge or experience with FASD is not required for this position.*

Position Responsibilities and Opportunities

The Fellow will work collaboratively with a dynamic and passionate research and community partner team (e.g. Drs. Pei, Rasmussen, McLachlan, Cook, and Mela) to direct and oversee these projects as well as other research activities in the lab. Responsibilities and opportunities will include:

- Participating in multiple research projects aiming to identifying key indicators of FASD and stakeholder knowledge, perspectives, and needs;
- Participating in measurement development and evaluation;
- Collaborating in the development and application of an implementation science framework to guide tool development, partner uptake, and evaluation;
- Provision of support and supervision for required ethics approvals, data collection protocols and tools, and data collection;
- Data management, quality assurance, and advanced quantitative and qualitative data analysis;
- Training and oversight of students and research assistants;
- Active collaboration with community partners, knowledge users, and development of knowledge mobilization approaches
- Access to data through Dr. Pei's ongoing research, the Canada FASD Research Network Dataform Database (comprising data from FASD assessment clinics across Canada), and will also receive grant writing mentorship, and support developing an independent program of research.
- Access to the wealth of seminars and resources available at the University of Alberta.

This Postdoctoral Fellow position is ideal for a candidate interested in an applied research career. Prior experience with developmental disabilities, child maltreatment, developmental psychopathology, or clinical interventions is recommended.

Terms of fellowship

Funding is available to support a one or two-year position. The base salary range is \$60,000 CDN per annum in addition to the University of Alberta's Benefits package for Postdoctoral Fellows. Opportunities for professional development, networking, and support to attend at least one conference per year will be provided. Applicants will have an excellent academic record and a beginning record of publication. Applicants will be expected to apply for fellowships.

How to apply

Submit the following to Dr. Jacqueline Pei at jpei@ualberta.ca:

- 1) A cover letter describing your fit with this position, your range of research interests, and career goals
- 2) Your C.V.
- 3) The names and contact information for three academic or professional references