

220 Heritage Medical Research Centre (HMRC)  
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A **Postdoctoral Fellow** position is available immediately in the [laboratory of Dr. Sandra Davidge](#), at the University of Alberta (Edmonton, Canada). The focus of the Davidge laboratory is to understand the mechanisms of cardiovascular dysfunction due to complicated pregnancies. A variety of pre-clinical models, using both *in vivo* and *in vitro* experimental approaches, are used to study endothelial vascular function. Prior experience in using animal models in reproductive sciences and/or vascular biology is desired. The laboratory has three complementary programs that include: the investigation of the causes and consequences of preeclampsia, determining the consequences of maternal aging on pregnancy outcomes, and addressing the mechanisms of cardiovascular pathophysiology in offspring born from complicated pregnancies [a field termed the Developmental Origins of Health and Disease (DOHaD)].

Applicants will be required to have a PhD degree in physiology, or equivalent qualification. The successful applicant will be expected to participate in all aspects of their research projects, including experimental design, data collection, data analysis, preparation of graphs and figures, and preparation of manuscripts. Strong written and oral communication skills are highly desired. Applicants are expected to be motivated and self-driven and should work well both independently and as part of a team.

Edmonton is a vibrant city with a population of ~1 million and the University of Alberta is one of Canada's top teaching and research universities, with an international reputation for research excellence. Home to 39,000 students and 15,000 faculty and staff, the university has an annual budget of \$1.8 billion and attracts more than \$480 million in sponsored research revenue. It offers close to 400 rigorous undergraduate, graduate, and professional programs in 18 faculties on five campuses. The University of Alberta is also home to the [Women and Children's Health Research Institute](#) (WCHRI), that provides outstanding resources to support research in women and children's health.

Postdoctoral salary and benefits are based on the University of Alberta Academic Salary Scales <http://www.postdoc.ualberta.ca/>. The position will be funded by Dr. Davidge's CIHR Foundation grant but it is expected that the successful candidate will, with assistance, seek to procure external funding through any available opportunities. The University of Alberta is committed to an equitable, diverse, and inclusive workforce. We welcome applications from all qualified persons.

Interested candidates should submit CV and include a brief cover letter summarizing their research interests and career goals, along with the names of at least 2 references with contact information to Dr. Sandra Davidge ([sandra.davidge@ualberta.ca](mailto:sandra.davidge@ualberta.ca)).