



Canadian Vascular Network – Hypertension Canada

Scholar Award

Application Details

Posted on: Feb. 1, 2016

Application deadline: April 1, 2016

The Canadian Vascular Network, a CIHR funded Emerging Network, in partnership with Hypertension Canada, is recruiting talented graduate (Masters and PhD) Post-Doctoral, and MD (residents, fellows) candidates for the CVN-Hypertension Canada Scholar Award, a **two-year salary matching or salary top-up grant**.

The Vascular Network is a multi-disciplinary, pan-Canadian group of researchers committed to improving the health of all Canadians through innovative and effective prevention and detection of vascular conditions. By working together, investigators in the Vascular Network aim to break down barriers between disciplines and vascular diseases.

Hypertension Canada is Canada's only national non-profit organization dedicated solely to the prevention and control of hypertension and its complications. Through our partnership with the Vascular Network, we aim to foster new careers in hypertension research, and bring profile to hypertension research priorities, for a bright future in the health of Canadians.

The CVN-Hypertension Canada Scholar Award is intended to support work that addresses priority research areas related specifically to hypertension, listed below. Recipients are required to present their work at Hypertension Canada's annual scientific conference (the Canadian Hypertension Congress) and to provide annual reports to keep Hypertension Canada abreast of progress.

Current priority research areas include:

I. Biomedical:

- Increase understanding of the molecular processes in the pathogenesis of hypertension including gene, microRNA and epigenetic changes
- Greater translational research including use of a systems biology approach to identify novel protein targets in the causal pathway for hypertension to identify new biomarkers or treatments to prevent and reverse the consequences of hypertension

II. Clinical:

- Evaluate optimal pharmacological management for systolic hypertension in the very elderly
- Evaluate optimal assessment and management of resistant hypertension
- Determine benefits and costs associated with a personalized absolute risk-based threshold vs. current blood pressure threshold for hypertension

III. Health Systems/Services:

- Community based interventions to improve screening and management of hypertension

- Evaluating and new technologies including wearable technology, computational tools and devices (e.g. carotid baroreceptor stimulators) to improve management, adherence and control of hypertension

IV. Population/Sociocultural/Environmental:

- National Hypertension Surveillance system for the detection, management and control including in vulnerable populations such as Aboriginal populations, Northern populations (Territories) as well as for the examination of public health policies on hypertension detection and control

Successful applicants will engage in the design, analysis, write-up, publication, and presentation of research results and will be provided with opportunities to get involved in exciting new projects. The CVN – Hypertension Canada Scholars will take on the following leadership roles: writing grants, heading videoconferences, participating in committee meetings, and running Network Trainee workshops.

Eligibility

Students are encouraged to apply if they meet **ALL of the following conditions:**

- Masters, PhD, MD (fellow or resident), or Post-doctoral candidate currently attending or planning to attend a recognized educational institution in Canada interested in working on one of the priority areas stated above
- An existing **Vascular Network Investigator has agreed to be the primary supervisor** for the project and can provide a sponsor letter
- Already receiving or are eligible to apply for **matching funds** from an institution, funding agency, or industry
- Talented, creative, and committed to improving the health of Canadians by furthering the field of vascular health!
- Has not received a CVN Scholar Award previously

Support of the CVN Scholar Award:

- The CVN-Hypertension Canada Scholar Award funding will consist of the following salary support over two (2) years, with matching funds from the Scholars' host institution, for a grand total of \$25,000 (Masters' and Ph.D) and \$50,000 (Post Doctoral Fellows):
 - Masters' and Ph.D - \$12,500 annually (matched funding: \$12,500 per year)
 - Post Doctoral/MD Fellow - \$25,000 annually (matched funding: \$25,000 per year)

***Note:** Applicants with existing external, non-CVN or non-Hypertension Canada scholarship at \$15,000/year or greater, are encouraged to apply for a top-up award of \$5,000/year.*

Interested candidates should complete the CVN-Hypertension Canada Scholar Award application form and follow the included application instructions. Number of awards distributed will depend on funding availability. These CVN-Hypertension Canada Scholar Awards are non-transferable. In the event that a Scholar completes his/her academic program before the funding period is complete, the Scholar Award recipient is required to notify the CVN administration to terminate the award. Further, if the Scholar receives a scholarship during CVN-Hypertension Canada Scholar award period, he or she will need to inform the CVN and the Scholar Award will be changed to a "top up" award.

All questions regarding this posting and the application process should be directed to Heather King-Andrews, CVN Program Coordinator at heking@ohri.ca.