

RESEARCH ASSOCIATE/ SCIENTIST POSITION IN NEUROSCIENCE
Department of Cellular & Physiological Sciences
University of British Columbia

Prof. Shernaz Bamji's laboratory in the Department of Cellular and Physiological Sciences at the University of British Columbia is now accepting applications for a Research Associate beginning fall 2018.

Prof. Bamji's research program focusses on the cellular and molecular mechanisms underlying neuronal connectivity. Specifically, the lab aims to address: the molecular and cellular mechanisms of how we learn and remember; how disrupting proper synaptic communication in the brain can lead to brain disorders; and whether improving synaptic function later in life might be a therapeutic target for restoring cognitive and functional abilities. This is done using a multi-disciplinary approach, including confocal microscopy, electron microscopy, proteomics, and behavioral analysis, together with standard molecular biology and biochemical approaches in both primary neuron cultures and transgenic mouse models. Prof. Bamji's research program is supported by the Canadian Institute for Health Research (CIHR).

Qualifications (Education/Experience)

- M.Sc. or Ph.D. with a specialization in a related area (Ph.D. preferred).
- Experience in molecular biology, biochemistry, imaging and rodent handling essential.
- Experience in bioinformatics, neuron cultures, stereotactic surgery, and rodent behavior preferred.
- The ideal candidate will be hard working, independent, organized and passionate about research, with motivation to help build and sustain a high-impact research program.
- Ability to prioritize multiple tasks, effectively manage overlapping duties and meet deadlines.
- Must have excellent oral and written communication skills, problem solving skills as well as the ability to work in a team environment.

Work performed

- Actively participate in project design and protocol development
- Oversee the daily operation of the lab
- Train and supervise graduate and undergraduate trainees
- Participate in the preparation of research grants
- Present research at national and international conferences
- Purchase and maintain equipment and supplies
- Create and manage inventory records

Interested individuals should submit a CV and names and complete addresses of three referees with the subject heading "Application for Research Associate" to: shernaz.bamji@ubc.ca

Equity and diversity are essential to academic excellence. An open and diverse community fosters the inclusion of voices that have been underrepresented or discouraged. We encourage applications from members of groups that have been marginalized on any grounds enumerated under the B.C. Human Rights Code, including sex, sexual orientation, gender identity or expression, racialization, disability, political belief, religion, marital or family status, age, and/or status as a First Nation, Metis, Inuit, or Indigenous person.

All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority.