

Student Research News e-bulletin

January 30, 2015

www.med.ubc.ca/srn

In this issue:

Funding Opportunities and Awards

- BC Cancer Studentships
- AMS Hannah Studentship
- Society for Vascular Surgery Student Research Fellowship
- Child and Family Research Institute Summer Student Research Program
- Canadian Liver Foundation Summer Studentship
- Funding Reminders

Upcoming Events

- How do systems of contracting and accountability for health services facilitate and/or hinder the pursuit of equity?
- Café Scientifique Victoria: How Brains Work
- UBC Faculty of Medicine Distinguished Medical Lecturers seminar
- SFU Café Scientifique: Genome sequencing in cancer and personalized medicine
- Event Reminders

Additional Research and Scholarship Opportunities & Resources

- Quality Improvement Study - Chinese Diabetes Education Centre at Richmond Hospital
- Reminders

Funding Opportunities and Awards

[BC Cancer Studentships](#)

Deadline: Feb 20, 2015

Up to five summer research studentships sponsored by the BC Cancer Foundation will be available to support senior undergraduate university students and/or junior medical or dental students seeking hands-on training in cancer research in British Columbia during the period of May 1st to August 31st, 2015. These summer studentships may address any discipline of cancer research including clinical, translational, basic, behavioural and population research areas. These awards may be held at any BCCA site of operation in the province but are restricted to applicants planning to work on a research project that is funded and supervised by a senior health professional that has an appointment in the B.C. Cancer Agency. In addition, the Canadian Breast Cancer Foundation B.C./Yukon Region is providing funding for up to 4 summer studentships specifically directed towards breast cancer research; these awards are open to any academic researcher working in the province.

[AMS Hannah Studentship](#)

Deadline: Feb 20, 2015

Three month summer studentships in the amount of \$5,500 are available to undergraduate students registered in a Canadian university for a closely supervised project in the history of medicine. The funds are provided by Associated Medical Services Inc. The studentship is being administered in partnership with the Canadian Society for the History of Medicine (CSHM) which is responsible for adjudicating the applications.

[Society for Vascular Surgery Student Research Fellowship](#)

Deadline: Mar 2, 2015

The Student Research Fellowship, established by the Society for Vascular Surgery (SVS) Foundation, stimulates laboratory and clinical vascular research by undergraduate and medical school students registered at

January 30, 2015

universities in the United States and Canada. The award is designed for students to spend a meaningful period of time on a project either in a block of several months or spread out over a longer period of time, not to exceed 12 months. The minimum full-time commitment is two months. Each award consists of a US\$3,000 student stipend and a two-year complimentary subscription to the Journal of Vascular Surgery. For application details please visit the website (hyperlinked above). The student must be sponsored by an Active Member of SVS.

[Child and Family Research Institute Summer Student Research Program](#)

Deadline: Mar 15, 2105

The Child & Family Research Institute invites applications for studentships in research pertaining to children's or women's health, tenable between May and August as part of the CFRI Summer Student Research Program. The studentship is open to undergraduate students in sciences/allied science program or medical students, registered at a recognized university and returning in the fall to continue their program. Out-of province applicants are welcome to apply. Undergraduate students graduating in spring/summer are ineligible to apply for the studentship but may apply to be part of the Research Education Program as an externally (non-CFRI) funded participant (see Summer Student Research Education Program application). Studentship applications will be accepted from eligible investigators based at the Children's and Women's Health Centre of British Columbia or the Child & Family Research Institute.

[Canadian Liver Foundation Summer Studentship](#)

Deadline: March 31, 2015

The Canadian Liver Foundation Summer Studentship Program provides an opportunity for a limited number of well-motivated students with records of strong academic performance to participate in liver-related research. A total of three summer studentships are available across Canada including two summer studentship to be awarded to students in British Columbia whose research project is related to whose projects are related to hepatobiliary research. Applicants must be registered at a Canadian institution in an undergraduate degree program. Canadian citizens, landed immigrants and permanent residents will receive first consideration. Each award will be for any three summer months (May-August). The award will be \$3500 for the student's stipend plus \$500 for supplies. For additional details please visit the website (hyperlinked above).

Funding Reminders

[Cystic Fibrosis Canada Summer Studentships](#) – Feb 1, 2015

[Gerstner Sloan-Kettering Summer Undergraduate Research Program \(New York\)](#) – Feb 1, 2015

[American Physiological Society \(APS\) Undergraduate Summer Research Fellowships](#) – Feb 1, 2015

[American Physiological Society Undergraduate Research Excellence Fellowships](#) – Feb 1, 2015

[SIR Foundation Student Research Grant](#) – Feb 1, 2015

[Radiological Society of North America \(RSNA\) Medical Student Grant](#) – Feb 2, 2015

[Alberta Innovates Health Solutions Summer Studentships](#) – Feb 2, 2015

[DeBakey Summer Surgery Program](#) (Texas) – Feb 5, 2015 **note application must be mailed**

[Neurosurgery Research & Education Foundation MD Student Summer Research Fellowship](#) – Feb 6, 2015

[Eye Foundation of Canada Student Scholarship Program](#) – Feb 6, 2015

Student Research News e-bulletin

January 30, 2015

[UBC Faculty of Medicine – 2015 FoM Summer Student Research Program](#) – Feb 13, 2015; 4pm
[UBC Faculty of Pharmaceutical Sciences Summer Student Research Program](#) – Feb 13, 2015
[The ASH Hematology Opportunities for the Next-Generation of Research Scientists Award](#) – Feb 20, 2015
[Canadian Blood Services \(CBS\) Summer Internship Program](#) – Feb 27, 2015
[CRA Summer Studentship Programs](#) – Feb 27, 2015
[William B. Bean Student Research Award](#) – Mar 1, 2015
[Zannoni Summer Undergraduate Research Fellow \(SURF\) Award](#) – Mar 1, 2015
[American Society for Hematology Minority Medical Student Award Program](#) – March 10, 2015
[Mitacs Globalink: mobility opportunities between Canada & France](#) – Mar 13, 2015
[UBC Interstitial Lung Disease \(ILD\) Summer Studentship](#) – March 15, 2015
[UBC Centre for Blood Research Summer Studentship Program](#) – Apr 1, 2015
[RHSRN BC Conference Travel Bursary application](#) – ongoing

For additional funding opportunities visit: <http://med.ubc.ca/current-learners/research/funding/>.

Upcoming Events

[**How do systems of contracting and accountability for health services facilitate and/or hinder the pursuit of equity?**](#)

Date: Feb 4, 2015

Location: Room 491 UBC School of Population and Public Health (2206 East Mall)

A panel discussion drawing from relevant literature and recent developments in Indigenous health services in Australia, New Zealand and Canada. See poster (hyperlinked above) for details.

[**Café Scientifique Victoria: How Brains Work**](#)

Date: Feb 10, 2015; 6:30 pm

Location: Hermann's Jazz Club (753 View St, Victoria). Ages 19+

Science has a funny habit of being hard to reach if you don't work at a university, yet science itself in all of its many forms is one of those great universal passions that appeals to and connects us all.

As an informal seminar series, UVic's Café Scientifique program bridges the research-to-public gap. Hosted by a number of units across campus, these evening cafés provide insight into topics of popular interest that appeal to the science lover in everyone and serve as a fantastic opportunity for you to meet local researchers and discuss some of the most interesting and sometimes contentious research currently underway in Canada.

Speaker: Dr. Kerry Delaney, Dept. of Biology, U. Victoria

Brains are made from neurons, which comprise the electrical elements, and from glia, which provide a variety of essential cellular services. Your brain is an "organ" but so is your liver. What makes your brain capable of so much more than your liver? What do neurons look like and how does their structure affect their function? What is the purposes of the thousands of spines that cover the majority of neurons in your cortex? This talk will

January 30, 2015

attempt to summarize the mechanisms by which neurons generate electrical impulses how they communicate with each other to form circuits and how the configuration of these circuits is dynamically adjusted by neuromodulators and activity. With this knowledge in hand we can discuss a number of a topics depending on the interests of the audience. In a general way what goes wrong with the brain in Multiple Sclerosis versus Parkinson's versus Huntington's or depression or Rett Syndrome? How do glia keep the chemical environment of the brain stable? What is the connection between neuronal activity, glia and blood flow in the brain? What is the extra challenge posed by the blood brain barrier for drug development? What happens in the brain around a stroke in the first few hours and later to the neurons that aren't killed by a stroke?

UBC Faculty of Medicine Distinguished Medical Lecturers seminar

Date: Feb 18, 2015; 2:00-4:00 pm

Location: UBC Djavad Mowafaghian Centre for Brain Health with Videoconference to IMP (UVic) –TBA; NMP (UNBC) – NHSC 9-200; SMP (KGH) – KGH 235; VGH – DHCC 2252.

Each year, the Faculty of Medicine recognizes outstanding lecturers in our medical research fields. Candidates from basic sciences and clinical sciences are nominated by fellow faculty members on the basis of a distinguished research career, recognition in the medical community and effective contributions to student educational growth. Recipients are selected by the Faculty's Research Council and are invited to present at the Distinguished Medical Research Lecturers seminar, where they are presented with awards.

This year, two Distinguished Medical Research Lecturers were selected:

Dr. Lakshmi N. Yatham in clinical science: *Translational Research in Bipolar Disorder*

Dr. Timothy J. Kieffer in basic science: *Cell Based Therapy for Diabetes*

A reception will follow the lectures. Please RSVP [here](#).

SFU Café Scientifique: Genome sequencing in cancer and personalized medicine

Date: Feb 20, 2015

Location: Boston Pizza (private room) 1045 Columbia St., New Westminster

Café Scientifique is a series of informal discussions connecting research to important issues of interest to the community. Enjoy light snacks and refreshments while engaging with cutting-edge, award-winning researchers from Simon Fraser University's (SFU) Faculty of Science. In our series, speakers will discuss their health or popular-science related topic, without the use of audio visual materials or handouts, for approximately 30 minutes. A discussion with the audience will ensue for about 45 minutes while participants enjoy appetizers and beverages. Everyone is welcome to attend. **Please RSVP (hyperlink above) to reserve your free seat**

Speaker: Dr. Ryan Morin, Assistant Professor, Department of Molecular Biology and Biochemistry, and School of Computing Science, Associate Member SFU, Scientist, Genome Sciences Centre, BC Cancer Agency

Every individual shares a similar albeit unique assortment of chromosomal DNA that collectively encodes the blueprints for life. New DNA sequencing technologies enable rapid and affordable determination of the entire genome sequence of an individual thereby cataloging the genetic differences that make us individuals including

Student Research News e-bulletin

January 30, 2015

the many "errors" in our genomes known as mutations. Potential near-term medical applications of whole genome sequencing include therapeutic decisions in cancer and other diseases as well as prenatal screening. The possible near-term applications and implications of these technologies on our society will be discussed.

Event Reminders

CONFERENCE: [Quality Forum 2015](#) – Feb 18-20, 2015

[UBC Medicine Undergraduate Research Forum](#) – ABSTRACTS: Feb 1, 2015; EVENT: Feb 24, 2015

[CHÉOS and BC Centre for Improved Cardiovascular Health \(ICVHealth\) Special Presentation](#) – Feb 2, 2015

[LSI Public Talk : Personalized Medicine: Your Life, Your Genes, Your Health and Happiness](#) – Feb 4, 2015

CONFERENCE: [2nd Annual BC eHITS](#) – May 9, 2015

[Clinical Research Ethics Board Office Drop-In Sessions](#) – Every 2nd & 4th Monday of the month

For additional event listing visit: <http://med.ubc.ca/current-learners/research/events/>.

Ongoing Seminar Series

Please follow this [link](#) for a list of ongoing events and seminar series that may be of interest to MD undergraduate students.

Additional Research and Scholarship Opportunities & Resources

Quality Improvement Study - Chinese Diabetes Education Centre at Richmond Hospital

We are looking for one Cantonese and one Mandarin-speaking student (Yr 1 MD in Richmond ALC or non-MD undergraduates) who would be interested in assisting with a study evaluating the cultural needs of diabetes management among Chinese patients. We are working on this study as a DPAS project and this study is currently being supervised by Dr. David Harris and Dr. Tricia Tang. Due to conflicts between our school schedule and the schedule of the education centre, we are hoping to recruit two students to assist with patient recruitment and focus group interviews for our project. The students must be available to travel to Richmond Hospital by 12pm on February 6, February 13 and additional Fridays after that. You will be acknowledged in any potential future publications for your help. If you are interested, please contact Bonnie Szeto at bonnieszeto@gmail.com.

Reminders

[UBC Medical Journal – Call for abstracts](#) – Deadline March 13, 2015

[Emergency Medicine Research Opportunities](#) – Dr. David Barbic (see Jan 16th edition for details)

[Health Sciences Summer School in Mexico](#) – Deadline Feb 12, 2015

[Health Sciences Global Learning Partnership in Nepal](#) – Deadline Jan 30, 2015

Additional research and scholarship information and resources are available on the Student Research website: <http://med.ubc.ca/current-learners/research/>.
