

Student Research News - January Edition

Dear Students,

Welcome to the inaugural edition of Student Research News. The goal of this newsletter is to facilitate medical student research by ensuring that students are aware of the research opportunities and resources available to them.

The format will be the same for each edition and will feature information on upcoming awards and funding opportunities, research training workshops, seminars, conferences, research resources and other pertinent research related events/information. If you have an event listing you would like included or if you are interested in seeing a particular research training topic discussed in an upcoming newsletter please email me your suggestions and requests.

Thank you,

Linda

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This e-bulletin will be distributed to Med Years I-IV by the Office of Student Affairs and via the IMP and NMP programs. If you are not affiliated with these mailing lists and would like to subscribe to this e-bulletin please email lhanson@medd.med.ubc.ca with "Subscribe to Student Research News" in the subject line.

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- Conference: CHSPR 2011 Health Policy Conference - BOOMERANGST: Myths and realities about health care for an aging population (**Early Bird Deadline Jan. 21**)

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- Department of Obstetrics and Gynaecology Reproductive & Developmental Sciences seminar series (OBST 506)

*Indicates events that are videoconferenced to distributed sites or archived online

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FUNDING OPPORTUNITIES AND AWARDS

FoM Summer Student Research Program (SSRP)

Deadline: February 11, 2011

The SSRP is a competition open to undergraduate and first and second year medical students registered at UBC. It provides funding for a summer research project supervised by a faculty member of the Faculty of Medicine. Stipends for Medical Students are \$1,600 per month for two months of full-time work. For more information see:

<http://www.med.ubc.ca/research/dfo/students/ssrp.htm>

FoM Summer Student Internship Program (SSIP)

Deadline: January 21, 2011

The MD Undergraduate Dean's Office will provide funds for a limited number of 1st and 2nd Year medical students who are interested in the field of medical education to be hired for projects related to curriculum development. For more information see:

http://www.med.ubc.ca/education/md_ugrad/Students/ssip.htm

Eye Foundation of Canada

Deadline: February 7, 2011

The Eye Foundation of Canada Summer Scholarship Program is a competition open to both first and second year medical students interested in pursuing a career in ophthalmology. The program provides students education and research

experience in the diagnosis and management of eye disease. Awardees are granted an \$8,000 scholarship and spend their summer furthering their education in ophthalmic medicine, surgery and research at the Eye Associates and Humber River Regional Hospital in Toronto. For more information see: <http://eyefoundationcanada.ca/>

Canadian Arthritis Network's Summer Research Program

Deadline: February 15, 2011

With support from The Arthritis Society, CAN offers a limited number of summer placements for highly-motivated students registered in Canadian medical schools to work with a researcher who is a member of CAN and who is conducting research/development focused on arthritis. The program also accepts clinical students in allied health professional fields such as dentistry, rehabilitation sciences (including physiotherapy and occupational therapy), nursing, pharmaceutical studies and veterinary medicine. Potential projects include basic, applied, clinical, health services or population health research. Stipends of up to \$6,000 (plus travel expenses) are awarded for 1 to 3 months of full-time work. For more information see: http://www.arthritisnetwork.ca/training/trainingprograms_en.php#Summer

Canadian Association of Gastroenterology Summer Student Scholarships

Deadline: January 31, 2011

The Canadian Association of Gastroenterology (CAG), in collaboration with the Crohn's & Colitis Foundation of Canada (CCFC), provides Summer Student Scholarships to support introductory training in Research in Gastroenterology. The competition is open to undergraduate students (including undergraduate medical students) who are Canadian citizens or landed immigrant residents. Awardees will work under the supervision of a qualified investigator and receive a \$7,000 stipend for 4 months of full-time work. For more information see: http://www.cag-acg.org/research/summer_studentships.aspx

The Endocrine Society Summer Research Fellowships

Deadline: February 4, 2011

The Endocrine Society Summer Research Fellowships are available to undergraduate students, medical students and first year graduate students who are interesting in pursuing a career in endocrinology. A \$4,000 stipend (plus allowable travel and housing expenses) is provided to each successful candidate to participate in a 10-12 week research project supervised by a member of the society. For more information see: http://www.endo-society.org/awards/research_fellowship/summer.cfm

Radiological Society of North America (RSNA) Medical Student Grant

Deadline: February 1, 2011

To increase the opportunities for medical students to have a research experience in medical imaging and to encourage them to consider academic radiology as an important option for their future. Recipients will gain experience in defining objectives, developing research skills and testing hypotheses before making their final choices for residency training programs. Students are expected to undertake a research project requiring full time efforts for at least 10 weeks under the guidance of a scientific advisor during personal/vacation time or during a research elective approved by their medical school.

For more information see: <http://www.rsna.org/Foundation/ResearchMedicalStudentGrant.cfm>

Canadian Blood Services Summer Internship Program

Deadline: February 16, 2011

Canadian Blood Services offers a Summer Internship Program to attract and support students at Canada's post-secondary institutions to contribute to, and gain experience from, working on projects within any division of Canadian Blood Services. All full-time students currently enrolled in an undergraduate program in an accredited university or college are eligible to apply. A stipend of \$1,800 per month for up to four months is provided.

For more information see:

http://www.bloodservices.ca/centreapps/internet/uw_v502_mainengine.nsf/page/E_SIP?OpenDocument

EVENTS

Workshop: Resume, Your Career to Success

Date: January 11, 2011 5-7 pm or January 20, 2011 4-6 pm

This workshop, presented by Undergraduate Research Opportunities (URO), will provide participants with tips on how to present research on their resume in order to best highlight the valuable technical and decision-making skills obtained during their research experience(s). For more information see: <http://uro.ubc.ca/learn/workshops/> or email uro.workshops@gmail.com to register (provide your name, student number, faculty and year).

Conference: Lost in Translation

February 15-17; UBC Life Sciences Institute, Vancouver

Abstract Submission Deadline: January 15, 2011

A three day international meeting to discuss questions such as:

- What is the most appropriate approach to better understanding the close relationship between trauma and addiction, and the related development of effective interventions?
- What is the best format for structural integration of the multiple scientific and clinical approaches to the comprehensive understanding and effective treatment of addiction?
- Encouraging the development of the most relevant questions can often be an issue in itself.

For more information see: <http://www.cheos.ubc.ca/news/index.php?page=workshop§ion=wips&id=32>

Centre for Health Care Management lecture – Patient Services Consolidation: Insights into One BC Initiative

January 19, 2011; 3:00-4:00 pm

Diamond Health Care Centre (2775 Laurel St., Vancouver), room TBA

Speaker: Mike Nader, Executive Director, Clinical Support Services, Vancouver Coastal Health

Participant Options: To attend in person, watch via live webinar or request to be notified when the streaming video archive is available click [here](#).

The health authorities in BC's Lower Mainland region (Vancouver Coastal Health, Providence Health Care, Fraser Health, and Provincial Health Services Authority) have been working to consolidate some of their services for several years. The goal of this work is to improve patient care and save money. Mike Nader, Executive Director of Medical Imaging, has been leading the work to consolidate medical imaging services. In his presentation, he will discuss the objectives of this work, the impact on patient care, successes and challenges to date, and the future of consolidation work.

Conference: CHSPR 2011 Health Policy Conference - BOOMERANGST: Myths and Realities about health care for an aging population

February 22-23; Sheraton Wall Centre, Vancouver
Early Bird Registration Deadline: January 21, 2011

The Canadian population is aging. In 2011, the leading edge of the baby boom turns 65 – with the great bulge of that generation to follow. That simple fact has focused important attention on some key realities such as the likely major increase in Canada's dependency ratio. But it has also spawned a dizzying number of assertions, myths, half-truths and misunderstandings about the implications of aging for our health care system. These tend to deflect attention away from the very serious decisions that will need to be made over the coming decades.

So how do we untangle the truth from the fiction and begin to make the changes and encourage the innovations that will be needed if we are to provide appropriate care for an aging population? These are some of the critical questions that will be addressed by some of the world's experts, at CHSPR's 2011 health policy conference.

For more information see: <http://www.chspr.ubc.ca/hpc>

Conference: Canadian Association of Radiologists 74th Annual Scientific Meeting

April 28-May 1, 2011; Montreal, Quebec
Submission Deadline: January 7, 2011

The Annual Scientific Meeting Group invites Radiologists, Residents, trainees and other medical professionals to submit an abstract for presentation in any area of Radiology. We encourage you to tie in this year's theme: "Image Wisely – Image with Care." Deadline for submissions is January 7, 2011.

For more information see: <http://www.car.ca/en/education/annual-scientific-meeting/call-abstracts.aspx>

Conference: Multidisciplinary Sleep Science

March 18-20, 2011; Kamloops, B.C. (Thompson Rivers University)
Early Bird Deadline: February 15, 2011

In June 2009 an interdisciplinary group of professionals interested in sleep disorders met at Thompson Rivers University in Kamloops. It was an interesting and productive meeting. In our discussions it became apparent that we needed to meet annually. It was also felt that the discussions needed to be opened up to a larger audience. It was the consensus of the group that a cooperative multidisciplinary approach would advance the practice of sleep medicine in British Columbia.

We wish to involve, Physicians from all medical specialties, Dentists, Respiratory Therapists, Polysomnographic Technologists, Nurses, Psychologists, Researchers, Students and anyone else interested in the study of sleep disorders.

For more information see: <http://www.tru.ca/sleep.html>

Workshop: Linking Bridges: Mental Health Awareness Workshop

January 13, 2011; 1:00-4:00 pm

Roundhouse Community Centre, Vancouver (181 Roundhouse Mews; multimedia room)

The Patient and Community Voices project in conjunction with the Division of Health Care Communication, College of Health Disciplines, and the School of Nursing (Mental Health Clinical Majors Course) invites you to attend an upcoming community-led interprofessional workshop, where patients are the educators!

Through personal stories and small group discussions, this workshop will introduce you to some of the challenges of living with mental illness, looking at personal experiences of peer support, recovery and stigma, as well as (mis)communication in diagnosis and life time management of Mental Health Issues. It will be taught by community educators from the Richmond Mental Health Consume and Friends Society. Registration is required to attend.

To register for this workshop please visit: www.meetingofexperts.org or e-mail Ann Danilevich, the Project Coordinator, at anndan@interchange.ubc.ca

Space is limited to 20 students! **These workshops are only open to students in the UBC human and health service programs.

ONGOING SEMINAR SERIES

MD/PhD Building Bridges Seminar Series

Seminars are held monthly at 6:00 pm at the Medical Student Alumni Centre (MSAC) located at 12th Ave and Heather St. in Vancouver and videoconferenced to the IMP (room MSB 131) and NMP (NHSC 9-374).

http://www.med.ubc.ca/education/md_ugrad/mdphd/seminars.htm

January 17: Jason Barton (Dept. of Medicine, Neurology, UBC)

Dr. Jason Barton is a visual cognitive neuroscientist and a clinical neuro-ophthalmologist. The Human Vision and Eye Movement Laboratory is focused on understanding high-level visual processing and cognitive control of saccadic responses, using behavioural, functional neuroimaging, and neuropsychological studies in healthy and clinical populations. In addition to talking about his active research, Dr. Barton will also talk about his training background and how he combines teaching, clinical work and research, and share his experiences and opinions on career development options for clinician-scientists.

Cellular and Physiological Sciences

Seminars are held on Thursdays from 12:30-1:30 in LSC3

<http://www.anatomy.ubc.ca/seminars.html>

January 6: Harald Hutter (Biological Sciences, Simon Fraser University) – Axon guidance in *C. elegans*: how to identify the missing players

The brain is one of the most fascinating organs and its development is only partially understood. We study how neuronal circuits form in the embryo. Specifically we identify and study genes required for the correct navigation of neuronal processes towards their targets, a process known as axon guidance. While some genes involved in this process have been identified over the last decade, the small number of axon guidance cues does not match the number and complexity of guidance decisions made, suggesting that a number of guidance systems remain to be discovered. Our lab uses complementary approaches to identify and study novel genes involved in this navigation process. Through genetic screens we identified two members of the cadherin superfamily, one of which is essential for pioneer-mediated navigation of follower axons. In a targeted reverse genetic approach we examined members of the IgCAM superfamily of adhesion molecules and receptors and currently we combine bioinformatics with large scale RNAi and mutant screens to systematically identify putative axon guidance cues and receptors. I will present selected results from our current studies.

January 13: Henry Lester (Biology, California Institute of Technology) – TBA

January 20: Ninan Abraham (Dept. of Microbiology & Immunology and Dept. of Zoology (Cell Biology Group), UBC) – TBA

January 27: Cheryl Gregory-Evans (Dept. of Ophthalmology, UBC) – TBA

School of Human Kinetics

Seminars are held at 12:30 in room 100 of the War Memorial Gym

<http://www.hkin.educ.ubc.ca/School/SeminarSeries/SeminarSeries.pdf>

January 27: Amy Latimer (School of Kinesiology and Health Sciences, Queen's University – Strategies for creating effective health messages

Department of Psychology

Seminars are held at Green College Coach House, UBC at 5:00 pm

<http://www.psych.ubc.ca/calevents.psy?timeframe=term1>

January 17: Joan Chiao (Northwestern University) – Cultural neuroscience: bridging cultural and biological sciences

http://www.wcas.northwestern.edu/psych/people/faculty/faculty_individual_pages/chiao.htm

Centre for Health Evaluation & Outcome Sciences (CHÈOS) Work in Progress Seminar Series (WiPS)

Seminars are held every second Wednesday in the Hurlburt Auditorium, 2nd Floor, Providence Building, St. Paul's Hospital from 12:00-1:00 pm.

<http://www.cheos.ubc.ca/news/index.php?section=wips>

January 12: Aman Nijjar (PDF, Clinician Investigator Program, UBC) – Ambulatory Care Sensitive Conditions: How valid are they?

Centre for Blood Research Seminar Series

Seminars are held Wednesdays from 12:00-1:00 in LSC3
http://www.cbr.ubc.ca/newsevents_eventsseminars.htm

January 12: Dr. Steve Kleinman (Clinical Professor, Pathology and Laboratory Medicine, UBC) – XMRV and related retroviruses: Are these a threat to blood safety?

Centre for Health Education Scholarship – Research Rounds

Seminars are held on the third Wednesday of each month from 12:00-1:30 pm (lunch will be served), with videoconferencing to all distributed sites. Location: Diamond Health Care Centre, room 2267 and videoconferenced to IRC 305, CWH 2D22, MSB 107, RJH 125, KGH 237, NHSC 9-70.

January 19: Dr. Tim Dornan (Professor, Medical Education, Maastricht University): Conditions, processes and outcomes of medical students' workplace learning.

Whilst admissions, assessment, evaluation, preclerkship education, and skills education have been revolutionized, clerkship education has been something of a Cinderella. That would not matter if old values were unchallenged but, in the UK at least, apprenticeship education has been compromised by healthcare reform. The need arises, therefore, to formalize hitherto implicit aspects of workplace learning. We have interviewed staff, students, and patients, observed them, asked them to keep audio-diaries of their experiences, and analyzed textual and numerical data provided by them. We have used psychometric, bibliographic, and qualitative methodologies and been informed by cognitive and social learning theories. We have progressively refined an 'Experience based learning' model (eXBL) to be the workplace counterpart of problem based learning (PBL). This talk assembles what we know about the conditions, processes, and outcomes of medical students' workplace learning, including the results of an, as yet, unpublished BEME literature synthesis. http://www.ches.med.ubc.ca/_shared/assets/Research_Rounds_January_2011b18869.pdf

Centre for Health Education Scholarship – Thinking About Education Research Seminar Series

Seminars are held on the second Tuesday of the month from 4:30-7:30 pm (light refreshments will be served), with videoconferencing to all distributed sites. Location: Diamond Health Care Centre, room 2264 and videoconferenced to IRC 324, KGH 237, MSB 210, RJH 130, NHSC 9-374.
http://www.ches.med.ubc.ca/news_events_deadlines/seminar_series.htm

January 11: Dr. Joanna Bates (Director, CHES): Collaborative Research
RSVP with location to [Lucy Chen](#)

Increasingly it is coming to be understood that it takes a community to raise a study. And nowhere is this truer than in health professions education research. Research collaborations are now the norm in HPE research, often involving partners that bring quite diverse perspectives along with their diverse skills. The ability to negotiate within these teams in order to create a truly collaborative enterprise is therefore an important skill set for the HPE research partner. From the process of negotiating the research question and associated methods, to the complexities of negotiating authorship and expectations, this session will address issues and options relevant to making collaborations maximally effective.

James Hogg Research Centre iCAPTURE Seminar Series

Seminars are held every Friday from 11:30-12:30 in the Gourlay Conference Room (St. Paul's Hospital)
http://www.icapture.ubc.ca/opp/opp_sem.shtml

January 7: Martha Mackay (Clinical Nurse Specialist, Cardiology; Heart Centre, St. Paul's Hospital; School of Nursing, UBC): Sex differences in symptoms of myocardial ischemia

January 14: André Nel (Division Chief, Nanomedicine; Dept. of Medicine University of California): The promises of nano medicine

January 21: Stuart Turvey (Dept. of Pediatrics, Div. of Infections and Immunological Diseases, UBC): Developing new treatments for lung damaging inflammation in cystic fibrosis

January 28: Jasmine Grewal (Dept. of Medicine, Div. of Cardiology, UBC): Mitral valve disease: new insights with real-time 3D echocardiography

Department of Obstetrics and Gynaecology Reproductive & Developmental Sciences seminar series (OBST 506)

Unless otherwise noted seminars are held every Thursday from 1:30-2:30 in room 2108 at the Child and Family Research Institute
<http://www.obstgyn.ca>

January 13: Dr Anthony Perks (Professor Emeritus, Dept of Obs/Gyn, UBC): Stonehenge: A view from medicine

January 20: Dr Christian Klausen (Res. Assoc., Dept of Obs/Gyn, UBC): TBA

January 27: Mr. Jung-Chien Jordan Cheng (PhD Candidate, RDS Program, UBC): How serous borderline ovarian tumor cell became invasive: the involvement of E-cadherin

RESOURCES

(This section of the newsletter will be used to pass on research training information and other research related resources)

Tips for Finding a Research Project Supervisor

Are you new to research and unsure of how to find a research supervisor? If so, these "Tips for Finding a Supervisor" may be of assistance. The tip sheet was developed specifically for the FoM Summer Student Research Program but the information is applicable to almost any research situation.

http://www.med.ubc.ca/_shared/assets/Tips_for_Finding_a_Supervisor18392.pdf

OTHER OPPORTUNITIES

Radiology Research Elective

There is an elective opportunity open to 4th year medical students to conduct research with radiology staff, including writing ethic proposals and submitting scientific papers. This elective will be for 4 weeks at VGH. All elective students will be involved in creating case reports which can be submitted for publication. For more information, please contact Christine Kaiser, Program Assistant, Department of Radiology, Undergrad Program (christine.kaiser@vch.ca)