

Department of Biological Sciences Newsletter

"from biomolecules to the biosphere"



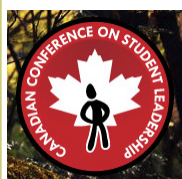
No. 35

October 28, 2011

Announcements



to the BGSA for organizing the Halloween charity movie night. The proceeds go to the United Way. In the end they raised \$100. Way to go!



Fifth annual Canadian Conference on Student Leadership

FROM November 17-20, 2011 the University of Calgary will host the fifth annual Canadian Conference on Student Leadership. Started in 2006, the CCSL brings together student leaders and professional leadership educators from across Canada, and is a chance for these groups to come together and share ideas, become inspired, and leave determined to make a difference on their own campus and/or in their community.

KEYNOTES

This year's conference includes an engaging and varied slate of keynote speakers W. Brett Wilson, Conor Grennan, Camille de Lacy, and Craig Kielburger.

LEADERSHIP WITHOUT BORDERS

The conference theme is "Leadership Without Borders," which the conference committee defines as "addressing not only the varying types of leadership that are effective in postsecondary and organizational settings, but how leadership can be reached by both thinking outside of the box, and challenging the status quo."

OPPORTUNITY TO PRESENT

In attending the conference there is also the opportunity to present, and share your experiences and expertise with your peers. Conference sessions will be offered for undergraduate students, graduate students and professionals, and will match to one of the following themes: Health & Wellness, Community-Engagement & Service Learning, Emerging Leadership, and Refining Leadership. Conference proposals are due October 31, 2011.

REGISTER NOW

Registration for the conference is now open, and a number of full conference bursaries are available for University of Calgary students. To request a conference bursary application, please e-mail ccsl@ucalgary.ca by October 28, 2011. Conference registration closes Friday, November 4. <http://www.theccsl.ca/>

Important upcoming dates

Mid Nov - Travels at Lunch - Michael Hynes - TBA (George Drummond Hall)

Nov 29 - Departmental Meeting - 14h00 - 16h00 - BI 211

Seminars



EEB seminars - Fridays at 11h00 in BI 211

Nov 4 - Pete Hurd - Sex & Violence & Brains: cerebellar and personality correlates of adaptive life history variation in a Cichlid fish.

BCEM seminars - Mondays at 16h00 in BI 211

Oct 31 - Scott Farrow - Integration of transcript and metabolite profiling for the elucidation of novel gene function

CDP 601 seminars - Wednesdays at 16h00 in MS 319

Nov 2 - Subramanian Sankaranarayanan - TBA

EEB 601 seminars - Mondays at 12h00 in BI 211

Oct 31 - Larry Powell - Head shape in northern marginal populations of the Greater Short-Horned Lizard

Micro 601 seminars - Wednesdays at 11h00 in BI 211

Nov 2 - Yetunde Folarin - The effect of pH on the growth of methanogens and acetogens in produced water

Scholarships



Post Doctoral Research Fellowships (PDRF) 2012-2013 - Deadline: November 12, 2011

- Government of Canada Awards - Post-Doctoral Research Fellowships

http://www.scholarships-bourses.gc.ca/scholarships-bourses/non_can/pdrf-brpd.aspx?lang=eng&view=d

- Canadian Commonwealth Scholarships Program - Post Doctoral Research Fellowships

http://www.scholarships-bourses.gc.ca/scholarships-bourses/non_can/ccsp_pdrf-pcbc_brpd.aspx?lang=eng&view=d

- Canada-Mexico Awards - Post-Doctoral Research Fellowships

http://www.scholarships-bourses.gc.ca/scholarships-bourses/non_can/cm_pdrf-cm_brpd.aspx?lang=eng&view=d



Did you know...



Room bookings for **BioSciences 211; 246; 312; 389 and 499 AND data projector #1, #2 and #3**, can be made via Christine, David, Karen, Sophia or Jillcent in the main office.

Please note: these rooms tend to book quite quickly and are in high demand for lab meetings, student examinations, etc. ***Please ensure that you return the keys (and data projectors) as soon as possible, as there is likely another individual already booked in the room right after your scheduled booking time. There have been a few instances lately where we in the office are left scrambling to try and track down keys and/equipment.***

Thanks for your understanding ☺
Karen

Research Proposals

The M.Sc. Research Proposal for Pratyush Gupta entitled “Understanding the translation between stem cell proliferation and differentiation using *C. elegans* germline as the model”, will be held on November 3, 2011 at 12:00 noon. in Biological Sciences room 499.

The M.Sc. Research Proposal for Justin Wood entitled “An Investigation of Novel Cell Cycle Transcription Factors in *Schizosaccharomyces Pombe*”, will be held on November 1, 2011 at 2:00 p.m. in Biological Sciences room 499.

The M.Sc. Research Proposal for Mostafa Jamshidiha, in the area of “Structural Biochemistry” was accepted by his Supervisory Committee on October 24, 2011.

The Research Proposal for Josie Libertucci, in the area of “Microbial Pathogenesis”, was accepted by her Supervisory Committee on October 21, 2011.

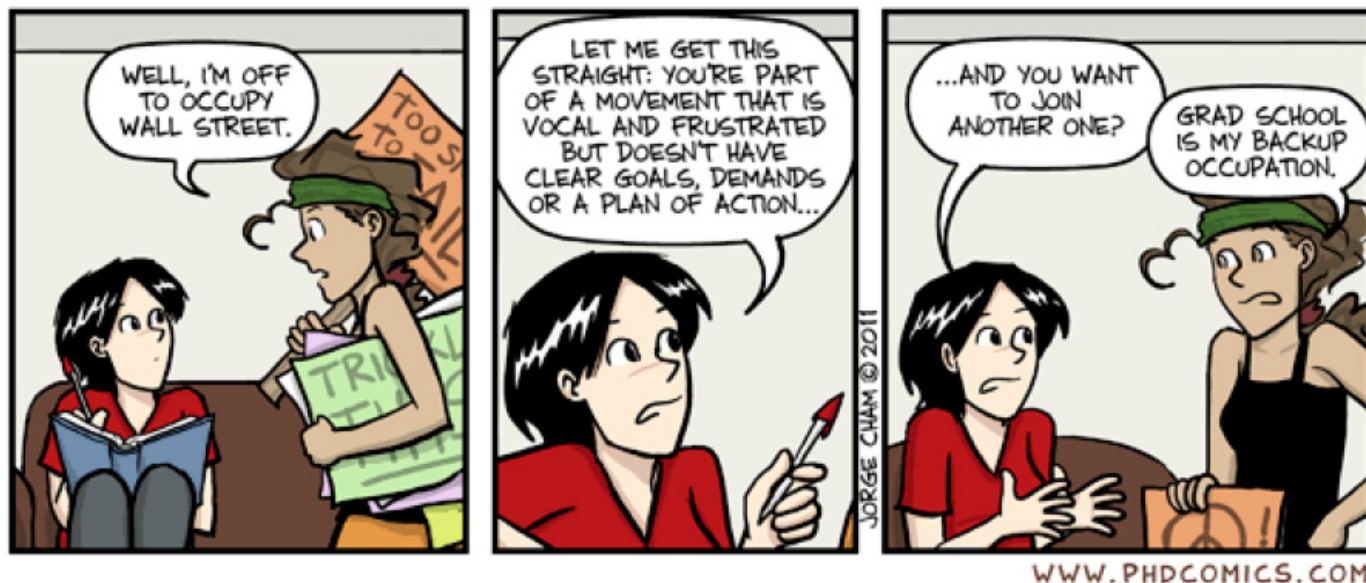
The M.Sc. Research Proposal for Stephanie Duquette, in the area of “Pathophysiology”, was accepted by her Supervisory Committee on October 21, 2011.

The M.Sc. Research Proposal for Suren Markosyan, in the area of “Membrane Biophysics”, was accepted by his Supervisory Committee on October 24, 2011.

Ph.D. Candidacy Oral Examinations - Candidacy Exams are Closed Exams.

Kate Chatfield-Reed (Supervisor: G. Chua), will be holding her Candidacy Oral Defense, in the area of “Functional Genomics”, on December 1, 2011 @ 10:00 a.m. in BioSciences room 312. (Neutral Chair: S. Vamosi).

Alexander Tinius (Supervisor: A. Russell), will be holding his Ph.D. Candidacy Examination, in the area of "Vertebrate Morphology", on December 16, 2011 in BioSciences room 389. (Neutral Chair: L.J. Jackson).



Thesis Oral Examinations

Please note: *Pre-defense seminars are a degree requirement for all M.Sc. and Ph.D. students in Biological Sciences. Typically, the seminar will take place immediately preceding the Oral Defense Exam.*

It is the student's responsibility to book the necessary com-media equipment with either Christine (220-3578) or David (220-8307) for their examination. Please book the equipment as soon as you have the date set for your exam/proposal meeting. (defense seminars are held one hour before the stated defense time in BI 211 unless noted otherwise)

Lisa Nelson (Supervisor: H. Ceri), will be defending her Ph.D. Thesis, in the area of "Bacterial Interactions at the Mucosa", on November 25, 2011 at 3:00 p.m. in BioSciences room 389. (Neutral Chair: Marie Fraser).

Matthew Morris (Supervisor: S. Rogers), will be defending his M.Sc. Thesis, in the area of "Ecological Genomics", on December 1, 2011 at 10:00 a.m. in BioSciences room 389. (Neutral Chair: J. Fox).

Cameron Callbeck (Supervisor: G. Voodouw), will be defending his M.Sc. Thesis, in the area of "Environmental Microbiology", on December 7, 2011 at 10:00 a.m. in BioSciences room 312. (Neutral Chair: TBA).

Nina Hobbhahn (Supervisor: L.D. Harder), will be defending her Ph.D. Thesis, in the area of "Plant Reproductive Ecology", on December 12, 2011 at 10:15 in BioSciences room 499. (Neutral Chair: J. Vamosi).



Sessional Teaching positions available, Biological Sciences, University of Calgary:



CMMB 527, Winter 2012

Sessional Lecturer (winter term 2011) – CMMB 527 Immunology

An individual is required to teach up 2/3 of this half course. CMMB 527 provides a comprehensive overview of the immune responses. The successful candidate will teach antibody-antigen interactions, Ig structure, function, genetics, T-cell immunology, and will assist the course coordinator with oversight of course administration and examinations. Preferred qualifications include a Ph.D. in Immunology or a related discipline. The base salary is \$ 3954 for 2/3 of the half course. Interested persons should apply to Dr. Michael F. Hynes, Associate Head (undergraduate), Dept. of Biological Sciences, University of Calgary, 2500 University Drive NW, Calgary, AB T2N 1N4 (email: biosci@ucalgary.ca). **Deadline for submission of an application letter and resume is November 21, 2011.**



BIOL 305, Winter 2012

Sessional Lecturer – Biology 305, The Human Organism

An individual is required to teach this half course which will be offered during the Winter 2012 term. Biology 305 introduces human biology to non-majors, leading to an appreciation of how the human body maintains itself and carries out the functions necessary to sustain any organism. Preferred qualifications include a Ph.D. in one of the Biological Sciences, and a background in Animal or Human Physiology. The base salary is \$5930. Interested persons should apply to Dr. Michael Hynes, Associate Head (undergraduate), Dept. of Biological Sciences, University of Calgary, 2500 University Drive NW, Calgary, AB T2N 1N4 (email: biosci@ucalgary.ca). **Deadline for submission of an application letter and resume is November 21, 2011**



BIOL 305, Winter 2012

Sessional Lecturer – Biologie 305, L'organisme humain

An individual is required to teach this half course which will be offered during the Winter 2012 term. This course is offered in French as part of the FLIP (French Language Instruction Program) program. Biology 305 introduces human biology to non-majors, leading to an appreciation of how the human body maintains itself and carries out the functions necessary to sustain any organism. Preferred qualifications include a Ph.D. in one of the Biological Sciences, and a background in Animal or Human Physiology. The successful candidate must be a native French speaker or have near native fluency in the French language. The base salary is \$5930. Interested persons should apply to Dr. Michael Hynes, Associate Head (undergraduate), Dept. of Biological Sciences, University of Calgary, 2500 University Drive NW, Calgary, AB T2N 1N4 (email: biosci@ucalgary.ca). **Deadline for submission of an application letter and resume is November 21, 2011**



CMMB 413, Winter 2012

Sessional Lecturer, CMMB 413, Human Genetics

An individual is required to teach this half course which will be offered during the Winter 2012 term. This is an advanced course in Human Genetics, with an enrolment of over 100 students. Preferred qualifications include a Ph.D. in one of the Biological Sciences, and expertise in Human or Mammalian Genetics. The base salary is \$5930. Interested persons should apply to Dr. Michael Hynes, Associate Head (undergraduate), Dept. of Biological Sciences, University of Calgary, 2500 University Drive NW, Calgary, AB T2N 1N4 (email: biosci@ucalgary.ca). **Deadline for submission of an application letter and resume is November 21, 2011**



UNIVERSITY
OF MANITOBA

Assistant Professor, Department of Biological Sciences, Faculty of Science University of Manitoba, Position # 13200

Applications (ideally in pdf format) should include: a covering letter outlining interest in the position, CV, research plan with short and long term goals, statement of teaching experience and philosophy, and the name and contact information of 3 academic referees. Applications must be sent by December 13, 2011 to Dr. Judy Anderson, Head, Department of Biological Sciences, Faculty of Science, University of Manitoba, at janders@cc.umanitoba.ca. Please refer to position # 13200.

Biotech Job Bank (www.bhrc.ca) has current employment opportunities in the biotechnology industry in Canada. The Biotech HR Pulse is available in PDF format at: www.bhrc.ca/Pulse/index.html. Phone 519-457-1470, Ext 268, Fax 519-457-3997.

University Affairs Career Ads. Current employment opportunities, including all facets of the biological sciences, in Canadian universities may be found at the University Affairs website: www.universityaffairs.ca. Career ads are available in HTML format at: [http://www.universityaffairs.ca/career ads/index.html](http://www.universityaffairs.ca/career%20ads/index.html)

Conferences / Workshops / Courses



Fulbright Canada is organizing an information session for graduate students and faculty about the various programs available through Fulbright Canada. www.fulbrightcanada.com

Presenter: Graeme Cunningham, Manager, Strategic Development and Partnerships, Fulbright Canada
Date and Time: Wednesday, November 2 from 11:00-11:50am
Location: MLT 118 Hello Faculty!

The Students' Union is holding its 6th Annual Undergraduate Research Symposium!

This is an exciting opportunity for all undergraduate students to present their research and be qualified to win more than \$12,000 in poster awards.
Please pass this on to any students you might think would be interested.

Deadline for abstracts is OCTOBER 28th! You can get the submission form and guidelines at: www.su.ucalgary.ca/research

The symposium will be held November 24th from 11am-2pm in MacHall.

As well, this year the SU is running a Research Poster Workshop on November 2nd at 3pm in the Escalus Conference Room.

If there are any questions please contact your VP Academic at suvpaca@su.ucalgary.ca

Classified Ads



The Waterlution Hub Network Presents: Pioneering Change: Creating Water-Centric Leadership
How do we seek the knowledge from water's past, present & future? Don't miss this opportunity to develop meaningful connections, insights and tools for affecting positive change!

Join us in launching
The Waterlution Calgary Hub
November 16, 6-9pm
Southern Alberta Pioneers Memorial Building

Special guest Councillor Gian-Carlo Carra, Ward 9 City of Calgary
Plus a surprise theatrical performance by Theatre Encounter

Appetizers provided and drinks available
Free admission with registration
(<http://waterlutioncalgaryhub.eventbrite.com/>)

When: Wednesday, November 16, 2011. 6-9 pm.

Where: Southern Alberta Pioneers Memorial Building (3625 - 4 Street SW, Calgary, AB).

Who: Individuals of any age working on or simply passionate about water issues – across all contexts, sectors and stakeholder groups.

How to register: Register now at <http://waterlutioncalgaryhub.eventbrite.com/> – Space is limited!



WESTERN COLLEGE OF VETERINARY MEDICINE

ADMISSION REQUIREMENTS AND PROCESSES

Presented by:

Dr. Bruce Grahn

Associate Dean (Academic)

Wednesday, November 2, 2011

12:00 p.m.

Room 211, Biological Sciences Bldg

University of Calgary

EVERYONE WELCOME!





WINTER SOCIAL BGSA

**HAPPY HOUR ALL
NIGHT!**

date 2011-12-03	location VARSITY COMMUNITY CENTRE	time 6:00 PM	price \$25 includes meal	Tickets available until Nov. 11 through the BGSA (biogsa@ucalgary.ca), Josie (B1196), Jesse (B1249), Prat (B1240), Chandni (B1430), and Sarah (B1117)
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Ph.D. Program Physiology and Biophysics University of Miami

Training highly qualified students for successful careers in university research, teaching and industry.

All students are supported by stipends and tuition waivers throughout their graduate training.

Research programs, specializing in all levels of physiology and biophysics, including:

Ion Channels and Transporters

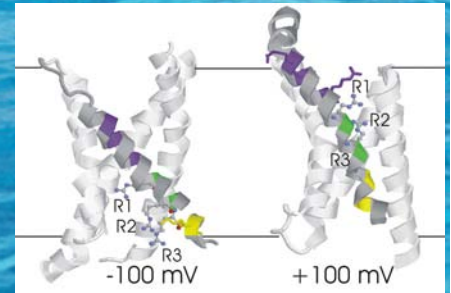
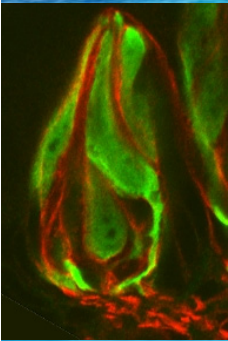
Molecular Structure and Modeling

Nervous System and Muscle Diseases

Sensory Mechanisms

Signal Transduction

Neuroimmunology



Applications. Students interested in Physiology and Biophysics apply through the Program in Biomedical Sciences (PIBS) at University of Miami Miller School of Medicine (<http://biomed.miami.edu/>). Applicants are encouraged to submit their application by December 15th. Late applications are considered.

Students with a Bachelor or Master degree and a strong record in biological sciences, chemistry, electrical engineering or physics, will be considered.

More information. Dr. Peter Larsson, Graduate Program Director Physiology and Biophysics. Phone: 1-800-952-9003, physiology@miami.edu, www.biomed.miami.edu/physiol

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