



Department of Biology Newsletter

March 13, 2015

UNIVERSITY OF VICTORIA

Oral Defences April 2015



Laura Braden, PhD Candidate Supervisors: Drs. Ben Koop and Simon Jones
 March 24, 2015 at 10:00 am, David Turpin Bldg, Room A144
 "Investigating the Molecular Basis for Resistance of the Sea Louse, *Lepseophtheirus* Salmonis, among Salmonids"

Lu Guan, PhD Candidate Supervisor: Dr. John Dower
 April 1, 2015 at 9:00 am, David Turpin Bldg, Room A144
 "Spatial and Temporal Dynamics of Larval Fish Assemblages in the Strait of Georgia"



Hanna Britton-Foster, Honours Student Supervisors: Drs. Julia Baum and Cole Burton
 April 8, 2015 at 1:00 pm, ECS Room 128
 "Movement dynamics of an expanding white-tailed deer population in Alberta's boreal forest: anthropogenic and seasonal influences"



Daniel Bevan, MSc Candidate Supervisor: Dr. John Dower
 April 14, 2015 at 1:00 pm, Bob Wright Bldg, Room A319
 "Spatiotemporal Variability in Fatty Acid Profiles of the Copepod *Calanus Marshallae* off the West Coast of Vancouver Island"



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Upcoming Seminars. Everyone Welcome!

Biology

Dr. Melissa Garren
 Postdoctoral Researcher at
 Massachusetts Institute of
 Technology (MIT)

"The Sea We Rarely See: Connecting Microscale Processes to Ecosystem Function"

Friday, March 13, 2015
 at 2:30 pm CUN 146

Forest Biology

Kennedy Boateng
 PhD Candidate
 Forest Biology,
 University of Victoria

"Defence Mechanisms of Red Alder (*Alnus rubra* Bong) Against Tent Caterpillars (*Malacosoma* spp) Defoliation"

Wednesday, March 18, 2015
 at 2:30 pm CUN 146

Biology

Lu Guan
 PhD Candidate,
 Department of Biology,
 University of Victoria

"Spatial and Temporal Dynamics of Larval Fish Assemblages in the Strait of Georgia"

Friday, March 20, 2015
 at 2:30 pm CUN 146

Biology

Dr. Ric Brodeur
 National Oceanic and Atmospheric Administration

"Interactions Between Jellyfish and Marine Fish and Fisheries: Insights into Fisheries Sustainability"

Friday, March 27, 2015
 at 2:30 pm CUN 146

Calendar

Important Dates:

| | |
|----------------------------|--|
| Thursday, April 2 | Last day of classes for all faculties except Faculty of Human and Social Development |
| Friday, April 3 | Good Friday |
| Monday, April 6 | Easter Monday |
| Tuesday, April 7 | Examinations begin for all faculties except Faculty of Human and Social Development |
| Friday, April 10 | Senate meets |
| Wednesday, April 22 | Examinations end for all faculties. End of Winter Session |



Announcements



Dr. Patrick von Aderkas: “Degradome and Secretome of Pollination Drops of Ephedra”

Dr. Patrick von Aderkas and his lab members, Natalie Prior, Susannah Ganon, Stefan Little, Tyra Cross, Darryl Hardie, Christoph Borchers, Robert Thornburg, Chen Hou and Alexandra Lunny contributed an article to the Botanical Review.

A stunning picture of pollination drops related to the article made the cover of Botanical Review.

To read the article and see more photos please go to:

<http://link.springer.com/article/10.1007/s12229-014-9147-x>

Café Scientifique

Café Scientifique

Tuesday, March 17, 2015 at 6:30 pm at Herman Jazz Club, 753 View St.

Speakers are Drs. Ned Dijilali and Andrew Rowe (Department of Mechanical Engineering)

“Hydrogen Fuel Cells - Without the Hot Air”

For more information, contact Dr. Chris Pritchett pritchet@uvic.ca or visit: <http://cbr.uvic.ca/>

Café Scientifique is an informal series of talks given in a relaxed setting such as a café. Designed to engage the public in learning about recent research in science. The talks are given by experts in the field and provide an opportunity to stimulate discussion around some of the most exciting topics in modern science.

Lansdowne Lecture Series

Lansdowne Lecture Series

Wednesday, March 18, 2015 7:30 pm in the Bob Wright Centre, Room A104

Presented by the School of Earth and Ocean Sciences

Featuring Professor Doug Burbank, Department of Earth Science, University of California Santa Barbara, Member of the National Academy of Science

Building the Himalaya: Interactions of Climate, Erosion, and Tectonics

An earth scientist known for his ability to synthesize across many sub-disciplines, Dr. Doug Burbank is an expert on the growth and decay of actively deforming mountain ranges, such as the Himalaya. In this lecture, he will talk about how the monsoon climate, diverse erosional processes, and the ongoing continental collision between India and Asia have interacted to create a dynamic balance in the world’s highest mountain range.

Free and open to the public. Seating is limited. For more information visit: www.uvic.ca/events or call 250-721-6120

The University of Victoria’s Lecture Series features the words and work of distinguished men and women, across a vast array of academic and research endeavours. As host of this lecture series, UVic continues its mission of enriching the human mind and heart.

UVic Events

Let's Talk Mental Health

Wednesday, March 18, 2015 from 12 (noon) to 1:30 pm
MacLaurin Building D010

Research has shown that the most effective antidote to stigma is to learn from the real life experiences of people who live with a mental illness. Come to listen or to join the conversation about the ways that a mental health diagnosis can affect studying, employment, and everyday life. We will touch on strategies for coping thriving, and managing the effects of both the illness and diagnosis.

Faculty, staff, students, and community members are welcome to this round table discussion

Registration is not required. Feel free to bring your lunch. Light refreshments will be served

For more information contact: cplayer@uvic.ca or call 250-721-7007

Equity and Human Rights



University
of Victoria

Writing your Knowledge Mobilization Plan for CIHR Grants STRATEGIES FOR SUCCESS

Tuesday, March 31, 2015 from 12 (noon) to 1:15 pm
MacLaurin Building D111

Join us for an information session on writing a successful mobilization plan for CIHR competitions. The session will be led by Meghan Baker, Senior Advisor Knowledge Translation Strategy at the Canadian Institute of Health Research.

Please RSVP to communitykmassitant@uvic.ca

For more information go to: <https://www.uvic.ca/research/partner/home/events/index.php>

Canada Water Week

Film Screening and Discussion Panel with MP Elizabeth May : "Cold Amazon, the Mackenzie River Basin"

Thursday, March 19, 2015 from 6:30 to 8:30 pm
Harry Hickman Building, Room 105

The evening will begin with a screening of the short film Cold Amazon, a story of Canada's Mackenzie River Basin. The film highlights the importance and vulnerability of this watershed through the voices of those who rely on its health and work for its protection. A panel discussion will follow the film, focusing on the importance of water, including issues of water governance, policy and law in sustaining our home waters through a moderated discussion and audience Q & A.

MP Elizabeth May will be a feature panel member alongside Dr. Michele-Lee Moore (Assistant Professor, Geography) and Oliver M. Brandes (Co-director, POLIS Project on Ecological Governance).

Elizabeth May is an environmentalist, writer, activist, lawyer, leader of the Green Party of Canada and Member of Parliament



CFGS

for Saanich-Gulf Islands. She is a dedicated advocate for social justice, for the environment, for human rights and for economic pragmatic solutions. www.globalcentres.org

Co-hosted by CFGS, the POLIS project on Ecological Governance & The Water, Innovation and Global Governance Lab (Dept of Geography)

NSERC Draft Strategic Plan Session

"NSERC 2020"

Tuesday, March 24, 2015 from 9:00 to 11:00 am
UVic's Medical Science Building, Room 150



Open consultation session with the President of NSERC, Dr. Mario Pinto, on the NSERC's draft strategic plan "NSERC 2020". Dr. Pinto will be making a presentation about the draft plan and taking questions and feedback.

For more information go to: http://www.nserc-crsng.gc.ca/NSERC-CRSNG/NSERC2020-CRSNG2020/StrategicPlan-PlanStrategique_eng.asp.

Workshops

Forest Genetics Workshop

The Centre for Forest Biology of the University of Victoria is offering a five-day workshop at the Cowichan Lake Research Station from April 13 to 17, 2015.

The workshop covers all aspects of forest genetics: population and quantitative genetics, genecology, seed transfer, practical breeding, testing and selection (tree improvement), molecular genetics and traits of importance, including a laboratory portion and data analyses.

See course outline for more details : <http://web.uvic.ca/forbiol/create/fcc-workshops.html>

Questions, or expressions of interest should be directed to Dr. Barbara Hawkins bhawkins@uvic.ca



Undergraduate Summer Programs

Oregon Sea Grant 2015

To prepare students for graduate school and careers in marine science, policy, management, and outreach.

The Oregon Sea Grant Undergraduate Summer Scholars program aims to increase the number of graduates who are work ready, trained in public agency marine public areas, and able to apply marine science, policy, management, and outreach skills to the most pressing coastal and ocean issues facing Oregon and the Nation.

Applications due February 20, 2015.

For more information visit: <http://seagrant.oregonstate.edu/fellowships/summer-scholars>



If you have an event or story you would like to share in the Biology Newsletter, please e-mail: biology@uvic.ca or bioclerk@uvic.ca

Internship Opportunities

North Pacific Anadromous Fish Commission 2015 Internship Program

Starts on or about September 1, 2015 up to 6 months. Applicants must be a citizen of a NPAFC member country, have a university degree, ability to read, write, and speak English, the ability to use computers and the internet; and demonstrated personal initiative. Applicants must currently be a part of the government or academic sector, a recent graduate, or currently enrolled in school for an advanced degree.

For more information on financial support, hours of work, and a more detailed description of the internship please visit:

http://www.npafc.org/new/about_internship.html or contact the NPAFC secretariat at secretariat@npafc.org

Did you know the UVic Retirees Association puts out a quarterly newsletter? Visit their link below for more information <http://web.uvic.ca/retirees/newsletters.html>

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