



Department of Biology Newsletter

December 2, 2015

UNIVERSITY OF VICTORIA

UVic 27th Annual Biology Graduate Student Symposium 2015

The Department of Biology would like to congratulate the Graduate Students, who organized a very successful 27th annual Biology Graduate Symposium.

Many thanks go to the organizing committee (*M. Vance, T. Iwanicki, P.-E. Shay, G. Rossi, G. Osgood, J. McAllister, L. Kennedy, K. Boateng, C. Freshwater, T. Frauendorf, R. Kanne, J. Holden, C. Christensen, D. Wertman, D. Claar, K. Cox, E. Rondeau, D. Sysu, R. Ubhi, D. Ma, J. Estakhr, F. Farhoomand, A. Fleury, Y. Carrington, A. Eger, J. Lemmen, M. Minkley, L. Marshall, D. Durston, B. Ryan, M. Toews, B. Collicut, R. Bourdon, E. Hertz, K. Kennedy, M. Fontbote Piera*), and to Dr. S. Perlman and M. Shen for a job well done. Thank you also to our generous donors and everyone who attended.

Congratulations to the award winners:

- Best PhD - **Bridget Ryan**
- Runner up PhD - **James Robinson**
- Best MSc - **Di Wu**
- Runner up MSc - **Mark Hanson**



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Upcoming Seminars. Everyone Welcome!

Biology

Dr. Nadia Aubin-Horth
Laval University

“An integrative biology approach to study parasite manipulation of host behaviour ”

Friday, December 4, 2015
at 2:30 pm MSB 160

Biochemistry & Microbiology

Jason Serpa
PhD candidate, Biochemistry & Microbiology, University of Victoria

“Using multiple structural proteomic techniques for the characterization of prion protein oligomers”

Friday, December 4, 2015
at 1:30 pm ECS 124

Biochemistry & Microbiology

Gillian Dornan,
PhD Student,
Susannah Gagnon,
MSc Student,
Biochemistry & Microbiology

There are 2 seminars of 20 minutes each.

Friday, January 8, 2016
at 1:30 pm ECS 124

Biology

Dr. Seth Rudman
UBC

“TBA”

Friday, January 22, 2016
at 2:30 pm MSB 150

Calendar

Important Dates:

| | |
|-------------------------------------|--|
| Friday, December 4 | Senate meets, last day of classes in first term except Faculty of Law and Faculty of Human and Social Development. National Day of Remembrance and Action on Violence Against Women. Classes and exams cancelled from 11:30 am to 12:30 pm |
| Monday, December 7 | First-term examinations begin, except Faculty of Human and Social Development |
| Tuesday, December 15 | Undergraduate deadline to apply to graduate for spring convocation |
| Monday, December 21 | First-term examinations end for all faculties |
| Friday, December 25 | Christmas Day |
| Saturday, December 26 | Boxing Day |
| Friday– Friday, Dec 25-Jan 1 | University closed |



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

Announcements

Biology graduate student publication: Eric Hertz



Hertz, Trudel, Brodeur, Daly, Eisner, Farley Jr, Harding, MacFarlane, Mazumder, Moss, Murphy, Mazumder, 2015. Continental-scale variability in the feeding ecology of juvenile Chinook Salmon along the coastal Northeast Pacific Ocean. *Marine Ecology Progress Series*. 537: 247-263.

<http://www.int-res.com/abstracts/meps/v537/p247-263/> and

Hertz, Trudel, Cox, Mazumder, 2015. Effects of fasting and nutritional restriction on the isotopic ratios of nitrogen and carbon: a meta-analysis. *Ecology and Evolution*. 5(21): 4829–4839.

<http://onlinelibrary.wiley.com/doi/10.1002/ece3.1738/abstract>

Dr. Henry Reswig's Display at Clifford Carl Hall, Royal British Columbia Museum



Dr. Henry Reswig (Adjunct Professor) has a display of 7 panels of Scanning Electron Microscope images of the amazing variety and detail of glass sponge microclere spicules downtown at Clifford Carl Hall, Royal British Columbia Museum.

Most of the images were obtained with the Biology Department SEM with help from Brent Gowan.

The display began on the 23rd of November and will probably be up for three months. Have a look and ponder the marvels of the micro-world.

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>

Café Scientifique



Café Scientifique Faculty of Science

Presenter: Dr. Christoph Borchers, Department of Biochemistry and Microbiology, University of Victoria.

“Mass Spectrometric Protein Quantitation in Clinical Samples: From biomarker validation to clinical assays and companion diagnostics”

Tuesday, December 8, 2015 at 6:30 pm

Contact: Dr. Chris Pritchett pritchet@uvic.ca

Café Scientifique Centre for Biomedical Research

Presenter: Dr. Patrick Walter, Adjunct Associate Professor at UVic and Children’s Hospital, Oakland Ca.

“Iron Overload: Why too much of a good thing can be bad”

Tuesday, January 19, 2016 at 6:30 pm

For more information contact: cubr@uvic.ca or call 250-472-4067

or visit: <http://cbr.uvic.ca/science-and-society/cafescientifique>

All Café Scientifique take place at Hermann’s Jazz Club 753 View Street

For all Café Scientifique Series visit: <http://www.uvic.ca/research/learnabout/home/news/cafes/>

Graduate Student Opportunity

Vancouver Island University, Fisheries and Oceans Canada and University of Victoria

Vancouver Island University, Fisheries and Oceans Canada and the University of Victoria are conducting a collaborative project to investigate microplastics in British Columbia’s coastal ecosystem. This project will determine the presence, types and extent of microplastics in shellfish and their surrounding environment and investigate the impacts of microplastics on animal health and function.

The student will have the opportunity to work with the shellfish industry, non-profit, government and university researchers in a range of disciplines including ecology, contaminants, genomics and aquaculture. We are looking for an enthusiastic, self-motivated student that is organized, conscientious and has experience working in both field and lab settings and is keen to work with multiple stakeholder groups. Experience and/or knowledge in shellfish biology, contaminants, aquaculture and GIS would be an asset. Prospective candidates should be competitive for NSERC scholarships. The successful applicant would start in January 2016.

If you are interested in applying, please send a single document that combines:

1. A cover letter outlining your research interests, relevant experience and your interest in this project,
2. CV and
3. University transcript copies to Dr. Sarah Dudas at Sarah.Dudas@viu.ca

Please ensure that your family name is at the start of the file name (as in Smith_John.docx). Only those selected for an interview will be contacted. <http://www.ecologicalinteractions.com/>



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