

Department of Biology Newsletter

February 17, 2017

UNIVERSITY OF VICTORIA

Tunncliffe Lab Update

The Tunncliffe lab had an active Fall with many changes:

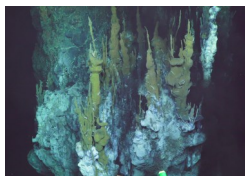
*Giulia Rossi defended her thesis and left for a PhD at Guelph. In the process, she submitted a manuscript to Marine Ecology Progress Series on the reproductive and physiological consequences for vent mussels that live in pH as low as 5.5.

*Dr. Verena Tunncliffe had a great month at sea in the Mariana Backarc with a brand new remotely operated vehicle and new hot vent discoveries.

*Jon Rose finished 15 years as Lab manager, his grand finale was to ship the majority of the Hot Vent collection (some 3500 bottles) to Scripps in California for permanent accession and universal access.

*Ryan Gasbarro is working on a manuscript describing the wall fauna of Douglas Channel– the complex fjord that all those tankers would transit their loads of bitumen from the Northern Gateway Pipeline.

*Dr. Rachel Boschen and Dr. Verena Tunncliffe are participating in an international group providing advice to the UN's International Seabed Authority on designing regulations around seabed mining in the high seas.



Part of a 25m high chimney complex discovered at 3400 m in the Mariana Backarc



Sampling mussels with an ROV at 1600m on the Mariana Volcanic Arc for Giulia

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Upcoming Seminars. Everyone Welcome!

School of Earth and Ocean Sciences

Kasia Tokarska

PhD Candidate
School of Earth and Ocean Sciences

"The role of non-CO2 forcings and observational constraints on cumulative carbon budgets"

Tuesday, February 21, 2017
At 3:00 pm in ELL 167

Biology Co-hosted by Centre for Forest Biology

Dr. Dae-Kyun Ro

Associate Professor,
Biochemistry
University of Calgary

"Terpenoid metabolism in sunflower family from medicine to biopolymers"

Friday February 24, 2017
at 2:30 pm in MSB 150

Biology

Dr. Mike Miller

Assistant Professor,
Department of Animal Sciences, UC Davis

"The evolutionary basis of premature migration in Pacific salmon highlights the utility of genomics for informing conservation"

Friday, March 3, 2017
at 2:30 pm in MSB 150

Biology

Dr. Steve Perlman

Associate Professor,
Department of Biology, UVic

"Bacterial endosymbionts that protect their insect hosts against parasites"

Friday March 10, 2017
at 2:30 pm in MSB 150

Calendar

Important Dates:

Monday-Friday February 13-17, 2017

Tuesday, February 28, 2017

Friday, March 3, 2017

Tuesday, April 4, 2017

Friday, April 7

Friday, April 14

Monday, April 17

Tuesday, April 25

Reading Break for all Faculties

Last day for withdrawing from full year and second term courses without penalty

Senate meets

Last day of classes for all faculties, except Faculty of Human and Social Development

Senate meets. Examinations begin for all faculties, except Faculty of Human and Social Development

Good Friday

Easter Monday

Examinations end for all faculties. End of Winter Session



Career Pathways for Graduate Students

Spring Sessions: January to April 2017

What lies beyond graduate school for you? Take part in these professional development sessions to learn how graduate school can support your career success.

Workshops:

“Developing Strong Professional Relationships to Support your Career Goals”,

Thursday, February 23, 2017, 3:00 to 4:30 pm, McPherson Library A003, Presenter: Co-op + Career

“The Labour Market and Work Search Strategies”, Thursday, March 6, 2017, 3:00 to 4:30 pm, McPherson Library A003

Presenter: Co-op + Career

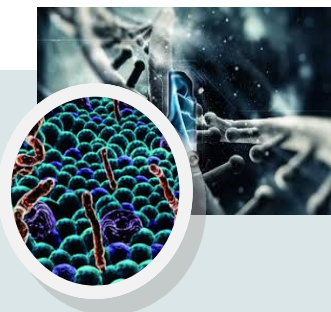
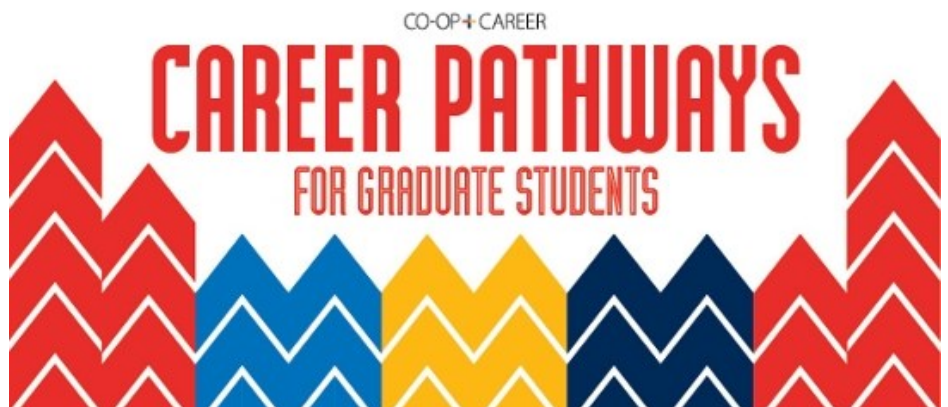
“Maintaining Momentum”, Thursday, April 20, 2017, 3:00 to 4:30 pm, McPherson Library A003,

Presenter: Counselling Services & Co-op + Career

For more detail information about this workshops and

for registration visit:

www.uvic.ca/coopandcareer/pathways



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

Mock MMIs (Multiple Mini Interview) Sessions

Mock Multiple Mini Interview Sessions at UVic (Hosted by UVic Career Services)

We are once again offering our very popular Mock Multiple Mini Interview (MMI) sessions at UVic Career Services.

- * UVic Students and Alumni who have received a letter/email inviting them to a MMI style interview are eligible to participate.
- * Last group Mock MMIs will be held on Friday February 24, 2017.
- * There are no charges for these sessions.
- * Individual practice sessions (one on one Mock MMI questions) may be arranged if the group sessions are full or have already taken place.

To register for a Mock MMI, please contact UVic Career Services: career@uvic.ca or 250-721-8421.

www.uvic.ca/coopandcareer

<http://www.uvic.ca/coopandcareer/>

<https://learninginmotion.uvic.ca/home.htm>

UVic Announcements

Ecology@UVic

A community of ecologists on campus: Open to everyone interested in the science of ecology.

A place for presenting proposals and preliminary data, sharing friendly peer-review, leading discussion on topics in ecology, and workshopping skills.

Weekly discussion group: Tuesday 12:30 to 1:30 pm in DTB 247

For more information, mailing list and to lead a discussion: <http://uvicecology.weebly.com/>



Idea Fest 2017 Ideas that change everything



Ideafest is the university's annual research festival, showcasing the ideas of faculty, students and staff from across the university.

Each year, new and emerging research is explained, debated, re-worked and brought to life in a range of highly creative panels, workshops, exhibits, presentations, performances, and tours. This unique event offers a chance to explore and celebrate UVic scholarship and attracts thousands of participants from both the on-campus and greater Victoria.

For more information visit: <http://www.uvic.ca/ideafest/>

Co-op Career—What can you do with your degree? A career exploration speaker series

Learn about	When	Where	For students studying:
Working in the biomedical and health sector	Tues, Feb 28 5:30 to 7:00 pm	Turpin A110	Business, Engineering Health and Information Science, Nursing
Working in marketing and communications, public relations and new media	Tues, Mar 14 5:30 to 7:00 pm	Cornett A120	Fine Arts, Humanities, Business, Social Sciences
What can you do with your degree in English?	Wed, Mar 15 5:30 to 7:00 pm	Clearihue A212	English
Working in environmental sustainability and green technology	Thurs, Mar 16 5:30 to 7:00 pm	Cornett A221	Engineering, Social Sciences, Science, Business

Other Institutions

College of Applied Biology 2017 Conference and AGM

Evidence Matters: Professional Practice in a Post-Truth World
Join the discussion: Dealing with controversial management decisions, cumulative effects, conflict of interest, updates on federal environmental assessment processes, how to use citizen science, grey literature and statistics, incorporating Traditional Ecological Knowledge and much more!



**COLLEGE OF
APPLIED BIOLOGY**
Professional Accountability

Speakers include:

- | | |
|---------------------------|------------------------------|
| *Dr. Steve Wilson, RPBio | *Dr. Alton Harestand, RPBio |
| *Regina Wright, MSc | *Nathan Braun |
| *Dr. Joe Thorley, RPBio | *Lee Nikl, MSc, RPBio |
| *Dr. Vanessa Craig, RPBio | *Mauro Calabrese, RPBio, RPF |
| *Glynnis Horel, PEng | *Jennifer McGuire, PAg |
| *Michele Jones, RPBio | *Harshan Radhakrishnan, PEng |

Keynote speaker: Dr. Aerin Jacob, Conservation Scientist, Y2Y Initiative

Register on line at <https://www.cab-bc.org/>

Live Web Conference available!

Graduate Student Recruitment Event: Université de Montréal, IRIC 2017

The institute for Research in Immunology and Cancer (IRIC) of the Université de Montréal has recently launched the 2017 IRIC Student Recruitment Event. Open to undergraduate and graduate students with strong interest in cancer research, this event offers a unique opportunity to discover the various training opportunities offered by IRIC researchers.

By submitting your application, you could be invited for a 3-day event at the IRIC, on the campus of the Université de Montréal, on June 15-18, 2017.

Reimbursement of travel expenses (up to \$500.00) hotel accommodation for 3 nights, meals and a STM Access Card valid for 3 consecutive days of unlimited travel through the Montréal public transit system will be included for all participants.

Following individual interviews, participants may receive recruitment offset from IRIC principal investigators, accompanied by a \$20,000/yr (MSc) or \$22,000/yr (PhD) scholarship. These offers will be valid from Fall 2017 to Fall 2018 inclusively.



Application deadline: Monday, March 13, 2017, 5 pm

For more information on the 2017 IRIC Student Recruitment Event, visit:
www.irc.ca/en/students/recruitmentevent

Miscellaneous

Professional Pest Management Association Annual General Meeting and Symposium on Pest Management in Emerging Sectors

Tuesday, February 28, 9:00 am to 3:30 pm

Scandinavian Community Centre, Burnaby, BC

Online registration and information : www.sfu.ca/~ppmabc/

Lunch, coffee, beverages and light snacks provided.

For more information, contact ppmabc@sfu.ca

Valhalla Wilderness Society

The Valhalla Wilderness Society would like to invite you to a film screening of the new film, *Primeval: Enter the Incomappleux* hosted by UVic's Environmental Law Group.

Filmed by award-winning filmmaker Damien Gillis (*Fractured Land, Oil in Eden*) on location deep in the heart of BC's Selkirk Mountains, *Primeval* is the story of the majesty, magic and endurance of one of the world's last truly intact temperate rainforests – the incomparable Incomappleux.

Following an expedition of conservationists, biologists and wilderness explorers, Gillis documents the nature and history of this unique place – replete with 1,800-year-old trees and rare lichens – along with a plan to preserve it through a new provincial or Canadian park, the Selkirk Mountain Caribou Park proposal.

Visiting the Incomappleux is 'like going back in time', as expedition member Sean Elkink observes, to a forest that has been growing continuously since the last ice age – utterly untouched by the hand of man. But in recent decades, most of the ancient rainforests in the Incomappleux Valley have been logged. The magnificent core that is left has been spared only by the hard work of a small band of defenders and remains under threat to this day.

Public access to the ancient forest has always been difficult, but in recent years, bridge and road washouts have closed it to all but a handful of hardy adventurers who could backpack there. Few people have seen it since.

Now, after a Herculean filmmaking expedition, with *Primeval*, you are invited to experience the Incomappleux for yourself in all its splendour.

For more information on the Valhalla Wilderness Society visit: <http://www.vws.org/>

Film Screening: *Primeval: Enter the Incomappleux*

February 24, 2017 Fraser Building room 157, 12:00 to 1:00 pm

Please sign and share our online petition to create the proposed Selkirk Mountain Caribou

Park as a Class A provincial park: <https://www.change.org/primeval>

Check out the *Primeval* teaser: <https://vimeo.com/189394482>



Wild ARC

Wild ARC Practicum Program 2017

Looking to gain hands-on experience with wildlife? Interested in exploring a career in wild animal rehabilitation? Complete a Wild ARC summer practicum!

Practicum participants volunteer full-time under the supervision of wildlife rehabilitators

to perform animal husbandry duties and medical treatments. Some of the skills partici-

pants acquire include species identification, cage set-up and proper husbandry technique, animal handling, tube feeding, dosage calculations, administering medication, performing lab work, data analysis, and various other procedures. The practicum program also involves spending time working with and mentoring volunteer team members. Participants should have prior experience in animals handling and husbandry.

Practicums are intensive two-month placements during one of the following periods:

May to June; July to August; September to October.

All practicum positions are voluntary – no stipend or salary is offered. Housing and transportation are the responsibility of the individual applicant. Please note that Wild ARC is not on a public transportation route. Participants not completing practicum for course credit will register for IWRC's Practicum Certification.

For more information, visit: www.wildarc.com

Application deadline : March 1, 2017



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