



Department of Biology Newsletter

Friday, October 13, 2017

UNIVERSITY OF VICTORIA

Congratulations Drs. Julia Baum and Diana Varela

The Department of Biology's own Drs. Julia Baum and Diana Varela have been making the UVic headlines.

Three University of Victoria researchers known for their passion and commitment to some of the most significant issues facing the country and the planet have been named to the Royal Society of Canada (RSC) College of New Scholars, Artists and Scientists—and Dr. Julia Baum is one of them. Dr. Baum is a powerful advocate for a number of issues faced by Canadian scientists. In addition to receiving global coverage for her research, she recently led an investigation on deteriorating funding for fundamental research in Canada which was reported on by *Nature* and *Science* magazines.



Dr. Diana Varela is featured in one of the leaders ads for the UVic Edge ad campaign. The leaders ads will run in newspapers, magazines, airports and online. Dr. Varela studies are crucial to the carbon cycle and the foundation of marine food chains in the open ocean, coastal environments and in the Arctic. Her research creates new understanding of the impact of climate change on the health of marine ecosystems and food production.

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Upcoming Seminars. Everyone Welcome! 2017-2018 Series

Biology

Dr. Wayne Maddison
Department of Zoology
UBC

"The music of evolution"

Friday, October 13, 2017
at 3:30 pm in MSB 150

School of Earth & Ocean Sciences

Dr. Paul Hoffman
Adjunct Professor, School of
Earth & Ocean Sciences, UVic

"Snowball Earth and the
origin of modern marine
planktonic cyanobacteria"

Tuesday, October 17, 2017
at 3:00 pm in ELL 060

Biology

Dr. Jasmine Janes
School of Environmental and
Rural Science,
U. New England Australia

"Understanding the role of
introgression in speciation of
complex groups: a case study
with *Eucalyptus*"

Friday, October 20, 2017
at 3:30 pm in MSB 150

Biology

Dr. Graham Sinclair
BC Children's Hospital
Vancouver

"TBA"

Friday, October 27, 2017
at 3:30 pm in MSB 150



Calendar

Important Dates:

Wednesday, October 18

Senate Committee on Academic Standards meets to approve Convocation lists

Tuesday, October 31

Last day for withdrawing from first term courses with out penalty of failure

Friday, November 3

Senate meets

Saturday, November 11

Remembrance day

Monday-Wednesday, November 13-15

Reading Break (except Faculty of Law)

Tue & Wed, November 14 & 15

Fall Convocation

Wednesday, November 15

Faculty of Graduate Studies deadline to apply to graduate for Spring convocation (students competing in the Fall term only)

Thursday, November 30

Last day of classes in the first term for Faculty of Law



Biology Graduate Students Defending



Cameron Freshwater PhD

Supervisors: Drs. Francis Juanes and Marc Trudel

"Ecological drivers of variation in juvenile sockeye salmon marine migrations"

Tuesday, October 17

1:00 pm

CLE B021



Debra Wertman MSc

Supervisors: Drs. Steve Perlman and Kathy Bleiker

"The light at the end of the tunnel: Photosensitivity in developing mountain pine beetle (Dendroctonus ponderosae)"

Wednesday, October 18

1:30 pm

HHB 120

Café Scientifique

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

Dr. Stephanie Willerth, Department of Mechanical Engineering—October 24

"Can we cure spinal cord injury? Engineering neural tissues from stem cells"

Dr. Alona Fyshe, Department of Computer Science—November 14

"Humans read. Computers read?"

Dr. Rachel Boschen, Department of Biology—November 21

"All that glitters is not gold: deep –sea mining and untold biological wealth"

Location: Hermann's Jazz Club, 753 View Street

Start time: 6:30 pm

Doors open at 4:30 pm. A UVic representative will be available at 5:45 pm.



Announcements

Publications

Cox, K.D. and Bright, J. 2017 Raja Ampat: A Biodiversity Hot Spot and the Future of Marine Conservation, *Fisheries*, 42:9, 462-467, DOI: 10.1080/03632415.2017.1356119 *Cover

<http://www.tandfonline.com/doi/full/10.1080/03632415.2017.1356119?scroll=top&needAccess=true>

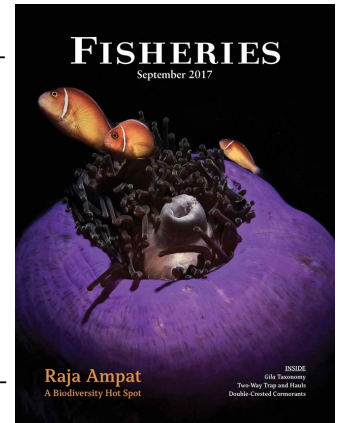
Gerwing, T.G., Cox, K.D., Allen-Gerwing, A.M., Carr-Harris, C.N., Dudas, S.E., and Juanes, F. 2017. Depth to the apparent redox potential discontinuity (aRPD) as a parameter of interest in marine benthic habitat quality models. *International Journal of Sediment Research*

<http://www.sciencedirect.com/science/article/pii/S1001627917302846>

Gerwing, T.G., and Cox, K.D. 2017. Erosion of Trust in Government Consultation will Impede the Creation of Environmental Policy. *Marine Policy*. 83: 126–127 <http://www.sciencedirect.com/science/article/pii/S0308597X17302774>

Dr. John Taylor is the co-supervisor of Frances Stewart, graduate student, first author of the paper.

<http://www.uvic.ca/socialsciences/environmental/research/researchnews/current/the-mysterious-case-of-the-lost-fishers.php>



Co-op Photo Contest 2017



Congratulations to Biology Co-op student Chloe Swabey for winning 3rd prize in the recent Co-op photo contest, for her photo of her work term as an assistant field biologist with LGL LTD in Valemount, BC -- 227 votes / Congratulations Chloe!

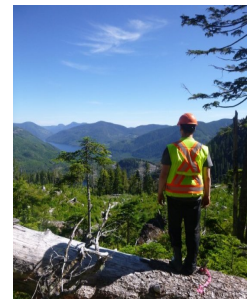
Also congratulations to Taylor Montgomery-Stinson and Hailey Davies, Biology Co-op students, whose photos made the top 10.



Chloe Swabey



Hailey Davies



Taylor Montgomery-Stinson

UVic Women in Science



Next monthly meet-up: October 25

Penny Farthing Public House

Time: 7:30 pm

The monthly meet-ups focus on networking between women in STEM, mostly from UVic, but are open to the public in general.

These meetings have a targeted goal for the evening such as community, networking, leadership, etc. addressed in conversation and action.

For more information contact Lauren McMillan at : lmcmilla@uvic.ca or communication.uvic.wis@gmail.com

Events Centre for Biomedical Research UVic

Biomedical Technology Industry Partnership Day

Friday, November 3, 2017

Student Union Building

Biomedical Engineering and Biomedical Research at the University of Victoria generate strong connections between university research and local business. We are the home of the first accredited undergraduate program in Biomedical Engineering in Western Canada and this event is designed to showcase our innovative research and industry partnerships in biomedical research occurring in Victoria and the lower mainland. Our first ever Biomedical Technology-Industry Partnership day is open for the community, including students, faculty, local industry, and other interested parties.

Join us for industry talks, panel discussions, a showcase of Biomedical Research projects, and a speed-networking session that will create new connections and spark collaborative project ideas with funding options available between researchers and industry.

Vender tables available throughout the day.

9:30 – 10:30	Optional Lab Tours
10:00 – 11:00	Registration with muffins, fruit and coffee
11:00 – 12:30	Keynote Speakers: Terry Thomas, Chief Scientific Officer, STEM CELL Technologies Scott Phillips, Founder and CEO, Starfish Medical
12:30 – 1:30	Lunch with short presentations by UVic representatives about research centres and our undergraduate programs and co-op
1:30 – 2:30	Grant Opportunities Panel for collaboration between academic and industry
2:30 – 3:00	Coffee break with posters
3:00 – 4:00	Careers in Biotechnology Panel
4:00 – 4:30	Speed Networking
4:30 –	Wine and Cheese with networking featuring posters and industry booths

Register here: <https://www.eventbrite.ca/e/uvic-biomedical-technology-industry-partnership-day-tickets-34288896011>

For more information on attending, participating or sponsorship – contact:

Dr. Stephanie Willerth, Director of the Centre for Biomedical Research cfbr@uvic.ca



Biomedical Technology Industry Partnership Day

Keynote Speakers

- Terry Thomas, Chief Scientific Officer
- STEMCELL Technologies
- Scott Phillips, CEO and Founder, Starfish Medical

Register Now

Friday, Nov 3 2017
10:30 – 5:30
Student Union Building

Join us for industry talks, panel discussions, poster session & speed-networking that will create new connections and spark collaborative project ideas with funding options available between researchers and industry.

Call for Abstracts
Poster prizes
cbr.uvic.ca

University of Victoria | Centre for Biomedical Research

CO-OP Online Career Fair

Online Career Fair for International Students

November 16, 2017 9:00 am to 4:00 pm

Chat online with employers recruiting for diverse skills sets. Learn about full-time, part-time and co-op opportunities. Participate online—attend the fair at school, the library or even at home!

Register early at [UVic Co-op Career Online Fair](#)

CO-OP+
CAREER



If you have stories or announcements that would like to share for the Biology newsletter, please email Chantal Laliberté at biology@uvic.ca or Laura Alcaraz-Sehn at bioclerk@uvic.ca.

Call for Nominations

2018 3M National Student Fellowship for Undergraduate and Graduate Students

The award is open to undergraduate and graduate students who are enrolled full time in a post-secondary Canadian Institution, have completed at least one full semester of study at the time of nomination and have not previously received a 3M student fellowship. The 3M National Student Fellowship honours up to ten students from across Canada each year. They receive a \$5000 award. Registration at the Society for Teaching and Learning in Higher Education (STLHE) conference, as well as accommodation and fund towards travel. While at the conference, they will have the opportunity to develop a cross-Canadian collaborative project with other awards winners with the goal of enhancing teaching and learning at the post secondary level. For more information visit: [3M National Student Fellowship for Undergraduate and Graduate Students](#)

Opportunity for Post Doctoral Fellowship

The Azrieli Foundation is delighted to announce a call for applications for Post Doctoral Fellowships for the 2018-19 academic year.

Azrieli International Postdoctoral Fellowships enable the best and brightest Academics to pursue post-doctoral research in Israel for 1-2 years, in all fields of study. Applicants must be Canadian citizens or have completed a doctorate at a Canadian university.

The fellowships are awarded on the basis of academic excellence. Candidates are assessed by leading experts and academics for the potential to make cutting-edge contributions to their respective fields. Aspects of personal merit and leadership abilities are also taken into consideration. For more information and to apply before December 7, 2017 please visit our website at [The Azrieli Foundation](#)

Victoria Forum

Ideas for a better world

Canada@150 : Promoting Diversity and Inclusion. November 17–19, 2017.

The University of Victoria and Global Affairs Canada are hosting the inaugural Victoria Forum on November 17-19, bringing together Canadian and international participants to discuss diversity and inclusion in the 21st century.

In these divisive times, with the emergence of populist agendas worldwide, in the face of declining trust in our key institutions, there is a need to change the channel and focus on the benefits of diversity and inclusion. The Victoria forum is about crafting inclusive spaces and developing innovative solutions to address current environmental, economic, and social challenges, and chart a way towards a more inclusive world.

Join over 400 participants and more than 30 dynamic speakers from Canada and around the world, and engage in the dialogue in over 25 unique sessions. Enjoy cultural exhibitions, youth programs, outreach events and a social program.

For more information click on [Victoria Forum](#)

FORUM DE VICTORIA
Idee pour un monde meilleur - Ideas for a better world

SAVE THE DATE

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PROMOTING DIVERSITY & INCLUSION

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Please join over 400 participants and more than 30 dynamic speakers from Canada and around the world, and engage in the dialogue in over 25 unique sessions. You will also enjoy cultural exhibitions, youth programs, outreach events and a social program.

Visit victoriaforum.ca for information and to register to be a part of the conversation.

November 17 to 19, 2017

University of Victoria

Global Affairs Canada / Affaires mondiales Canada

CANADA 150

Partners:

- Canadian International Council
- Conference Board of Canada
- Global Centre for Pluralism
- Philanthropic Foundations Canada
- Pierre Elliott Trudeau Foundation
- World Wildlife Fund Canada

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University
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