

Department of Biology Newsletter

April 1, 2016

UNIVERSITY OF VICTORIA

Drs. von Aderkas, Kong and Zaharia on the cover of Journal of Plant Growth Regulation



Dr. Patrick von Aderkas and his Research Associate Dr. Lisheng Kong, together with their collaborator at the National Research Council, Dr. Irina Zacharia, made the cover story for the Journal of Plant Growth Regulation, for March, 2016.

Title of the article: "Effects of Exogenously Applied Gibberellins and Thidiazuron on Phytohormone Profiles of Long-Shoot Buds and Cone Gender Determination in Lodgepole Pine"

To read the complete article visit:

<https://link.springer.com/journal/344>



"The cool story is that we were able to convert buds normally destined to be male cones (pollen-producing cones) to switch very early on in their development to become seed cones instead. In short, we put way more pine cones on a lodgepole pine tree. Seed shortfall is a big problem in seed orchards in the BC Interior, and this is one potential solution" said Dr. Patrick von Aderkas.

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Upcoming Seminars. Everyone Welcome!

Biology

Dr. Roger Hanlon

Marine Biology Lab, Woods Hole, MA



"Rapid adaptive colouration in cephalopods: morphological, sensory and behavioural adaptations for camouflage and communication"

Friday, April 1, 2016
at 2:30 pm MSB 160

Biology

Dr. Rachel Boschen

Post Doctoral Fellow,
Biology Department
UVic

"TBA"

Friday, April 15, 2016
at 2:30 pm MSB 160

Biology

Dr. Botond Roska

Friedrich Miescher Institute for Biomedical Research
Switzerland



"TBA"

Wednesday, April 29, 2016
at 2:30 pm MSB 160

Calendar

Important Dates:

Friday , April 1

Senate meets

Monday, April 4

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

Tuesday, April 5

Examinations begin for Faculty of Law

Thursday , April 7

Examinations begin for all faculties, except Faculty of Human and Social Development and Faculty of Law

Wednesday, April 20

Examinations ends for Faculty of Law

Friday, April 22

Examinations for all faculties

End of Session



Biology Graduate Oral Presentations



Jackson Chu, PhD Graduate Student

Friday, April 1

8:45 am

David Turpin Bldg A137

“Influence of Seasonally Variable Hypoxia on Epibenthic Communities in a Coastal Ecosystem, British Columbia, Canada”

Supervisor: Dr. Verena Tunnicliffe

Justin Suraci, PhD Graduate Student

Thursday, April 14

10:00 am

David Turpin Bldg A136

“Fear in Wildlife Food Webs: Large Carnivore Predation Risk Mediates the Impacts of a Mammalian Mesopredator”

Supervisors: Dr. Michael Clinchy and Dr. Brad Anholt

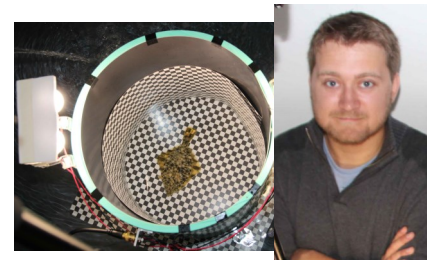


Announcements

Tom Iwanicki, Winner of the 3 Minute Thesis Competition

Congratulations to Biology Grad Student, Tom Iwanicki, for winning the three minute thesis competition in the Faculty of Science.

Tom was awarded first place for his thesis titled “Blessing in Disguise: Flatfish Camouflage Reveals Function in Specialized Retinas”, and received a prize money for this accomplishment. He also competed in the competition finals as part of Idea Fest on Thursday March 10, 2016.



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

Café Scientifique



Café Scientifique

April 12, 2016

Speaker: Dr. Natia Frank, Department of Chemistry

Title: "A New Spin on Solar Cells: Can we operate close to the theoretical limit?"

April 19, 2016

Speakers: Drs. Sandra Hundza and Marc Klimstra, Assistant Professors, Exercise Science, Physical & Health Education, UVic

Title: "The Risky Business of Getting Older— Changes in Walking and Fall Risk"

This season's Café Scientifique evenings will be held at Hermann's Jazz Club at 753 View Street.

Start time: 6:30 pm Doors open at 5:30

For more information contact cfbr@uvic.ca or call 250-472-406

For more information visit: www.uvic.ca/cafesci for all UVic Cafe Scientifique Series

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>

Conferences

CUVIC 2016



CUVIC is a conference focused on building relationships between universities and local communities. CUVIC 2016 will showcase how UVic and the broader community are responding to the Truth and Reconciliation Commission of Canada's Calls to Action.

April 27 to 29, 2016, Victoria, BC

Hosted by the University of Victoria and community partners.

Conference Highlights:

- Exciting keynote sessions and workshops led by local thought leaders on child welfare, education, health, justice, language and culture.
- Gala reception in Royal BC Museum's Living Language Exhibit (First Peoples Galleries)
- Several sessions hosted in UVic's First Peoples House—a social, cultural and academic centre for Indigenous students.

Register today. Everyone is invited to take part— varied perspectives are crucial to create positive change.

For more information visit: <http://www.uvic.ca/cuvic2016/>

We acknowledge and respect the Songhees, Esquimalt and WSANEC peoples on whose traditional territories the university stands and whose historical relationships with the land continue to this day.

Workshops

Keep Calm and Carry a Pipette

The Michael Smith Labs present their MOLECULAR BIOLOGY WORKSHOP, 2016 Spring Session, at the University of British Columbia, Vancouver.

One week version—Molecular Biology Workshop, April 4 to 8, 2016 (\$1500)

This intense 5 day workshop will focus on a myriad of different techniques used in the molecular manipulation of DNA, RNA and protein, as well as inclusion of lectures of high throughput genomic techniques. Primarily aimed at researchers who are new to the area, familiar but require a quick updating, or would like more practical bench training.



Call for Applications– Leadership Victoria

Leadership Victoria.

This is a call for applications for the 2016/2017 Leadership Victoria program. UVic sponsors two UVic employees to attend this program each year. All UVic staff are eligible to apply; those currently in and those aspiring to leadership roles. Supervisor support is required to attend. The internal UVic application deadline is May 27, 2016.



To assist the process Leadership Victoria is hosting three information sessions for anyone interested in learning more about the program on the following dates.

-Wednesday April 20, 12:00-1:00 pm Human Resources Boardroom, Sedgwick B UVic

-Wednesday May 4, Webinar 4:00-5:00 pm

-Wednesday May 25, 5:00-6:30 pm, Leadership Victoria Office, #306-320 View Street

Those interested in attending one of these sessions should contact Helen Tait: Program Assistant : Tel 250-386-2269

helen@leadershipvictoria.ca For more information visit: <http://www.leadershipvictoria.ca/>

UVic Application Form and Instructions can be found on the Human Resource's website at: <http://www.uvic.ca/hr/forms/>

Application deadline: May 27, 2016. Please email, mail or fax to:

Manuela Lale, Human Resources – Sedgewick Building, Phone: 250-472-5184 Fax:250-721-8094

E-mail: hroldsassist@uvic.ca

Please do not use the Leadership Victoria online application form, and do not register directly with Leadership Victoria. Both the process and forms are for UVic employees; therefore you must use the UVic applications form and send to Human Resources

Internships

Ecosystems Technician Internship 2016



The Mayne Island Conservancy Society MICS, is looking for 1-2 highly motivated, enthusiastic people to fill 14-16 week internship position (s) on Mayne Island. Applicants must be 20 years or younger and have been a registered full time student in the previous academic year and intend to return to school on a full time basis in the next year; be a Canadian citizen, permanent resident, or person with refugee status' and legally entitle to work in Canada.

MICS works with the community to preserve the ecological integrity of Mayne Island, we do this with the help of volunteers by delivering two major stewardships programs: Mayne Island Community Stewardship and Mayne Island Shoreline Care pro-

grams. *Start date May 9, 2016 *End date August 26, 2016

35 hours a week, expected to work at Saturday markets up to every other Saturday. \$15.00 /hour

To apply, email cover letter, resume and three references to: Rob Underhill (biologist@conservancyonmayne.com).

Application deadline is March 6. Interviews will be held on March 15-18 on Mayne Island. Only candidates selected for an interview will be contacted. Visit: <http://www.conservancyonmayne.com/> to learn more about MICS.

Summer Program Coordinator and Field Program Technician

As an intern, you will be based in Tofino and work with our staff to develop and deliver educational programs for children and adults about the natural environment of the west coast of Vancouver Island, and you will participate in ongoing research and monitoring projects.

These positions are full-time from mid-May to end of August. Some evening and weekend work will be required. Applicants must be between 15 and 30 years old and be enrolled full-time in a recognized secondary or post-secondary education program. Applicants must also be registered to return to school in September 2016. Intern wage is \$14/hr. Application deadline is April 15, 2016.

See <http://raincoasteducation.org/> for details.



Volunteer Opportunities

ARCHELON, The Sea Turtle Protection Society of Greece

For over 30 years, ARCHELON, The Sea Turtle Protection Society of Greece, has been conducting conservation projects on all major loggerhead nesting areas in Greece. You can become a volunteer if, you are 18 years of age, you have minimum 4 weeks available (6 weeks is recommended), you can communicate in English, you are prepared for physically demanding work, you can endure basic living conditions.

You will acquire fieldwork experience and enjoy interacting with volunteers from all over the world who come together to work for nature conservation. Volunteers get involved with sea turtle rehabilitation, public awareness and facilities maintenance. Basic accommodation is provided at the Centre. Volunteers cover their own travel and food costs, as well as other personal expenses and accommodation. Research opportunities are available for undergraduate and postgraduate students.

Contact information:

ARCHALEON, the Sea Turtle Protection Society of Greece.

57 Solomou Str., GR-104 32 ATHENS, Greece

Tel/Fax +30 210 523 1342 e-mail: volunteers@archelon.gr *<http://www.archelon.gr/eng/volunt.php?row=row2>



White Shark Diving Co. Conservation and Research Volunteer Programme

Exciting opportunity available for students or post graduates who are looking to gain some hands on experience in the field of marine science, conservations biology and ecology. Currently recruiting volunteers for 2016 & 2017.

The White shark diving company is a fully licenced shark cage-diving tour operator recognised by South African Department of environmental Affairs, allowing us to undertake great shark cage diving activities and collect research monitoring data. We care greatly about the oceans and the future thereof which is why we have invested tremendous time and effort into protecting not only the great white shark, but our environment as a whole. Our volunteer research programme allows us to continually support innovative conservation and research projects taking place at the Shark Research Group of the University of Stellenbosch and the SA Shark Conservancy, as well as physically contribute through data collection, monitoring and our own research projects.

Volunteering with White Shark Diving Co. is a unique and exciting opportunity for early-career scientist to be involved in group-breaking marine research exploring great white shark behaviour and demographics, elasmobranch diversity and abundance, fish diversity and abundance, ocean conservation and projects involving an array of other South African marine educational programmes. Field work involves controlled angling surveys from the boat and from shore, collection of behavioural, biological and morphometric data, tagging of sharks and fish using conventional spaghetti tags, snorkelling, shore based transect methods, baited remote underwater video system (BRUVs) surveys and more. There will also be a number of chances to participate in the cage diving activities giving people opportunities to come face to face with the magnificent great white shark in an unforgettable diving experience.

Contact: Mary Rowlinson, Research and Volunteer Manager

E-mail: mary@sharkcagediving.co.za

Phone number: 074-550-665-2366

For more information visit:

www.sharkcagediving.co.za



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