



# Department of Biology Newsletter

Thursday, June 2, 2016

UNIVERSITY OF VICTORIA

## New Graduate Student

Welcome to our new graduate student : Jessica Wyatt—Dr. Will Hintz Lab

## Biology Graduate Oral Presentation

### Eric Hertz, PhD Graduate Student

Friday, June 10, at 1:30 pm in Cunningham Building Room 146

Supervisor: Dr. Asit Mazumder

Title: “The Drivers and Implications of Spatial and Temporal Variation in the Feeding Ecology of Juvenile Chinook Salmon”



## Graduate Students who Defended April 2016

**Congratulations to the Biology Graduate Students who defended in April 2016.**

### Jackson Chu

Supervisor: Dr. Verena Tunnicliffe

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



### Justin Suraci

Supervisor: Drs. Michael Clinchy and Brad Anholt

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

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## New Course for Graduate Students

### Have You Ever Thought You Might Become a Biology Entrepreneur?

UVic's Gustavson School of Business will be offering its new ENT 100 course in the fall term 2016. The course sections are scheduled as follows: ENT 100 A01 MR 10:00-11:30 and ENT 100 A02 MR 11:30-13:00

### **ENT 100 Successful Innovation**

Introduces and applies fundamental knowledge of the phenomenon of innovation in for-profit, social, government, and other contexts; provides tools to aid in the recognition of innovation opportunities; introduces use of creativity techniques, design thinking, and other tools and perspectives to generate effective solutions to complex problems; provides change management tools and perspectives aimed at the successful adoption/acceptance of innovation.

Contact information and general inquiries: Tel: 250-472-4139 Email: [gustavson@uvic.ca](mailto:gustavson@uvic.ca)

Or visit: <http://www.uvic.ca/gustavson/faculty/home/contact/index.php>



## Graduate Students Society Announcement

### Notice: By-Election for Graduate Students' Society

#### **Graduate Students' Society Director of Finance**

Polling will be held from 9:00 am on June 2 to 4:00 pm on June 3, 2016.

All currently registered graduate students can vote and run in this election.

Voting will be conducted on line:

<https://webvote.uvic.ca>

Information:

<http://gss.uvic.ca/election> or at the GSS Office.

Halpern Centre for Graduate Students, room 102



## Calendar

### Important Dates:

<b>Wednesday, June 1</b>	May courses end
<b>Thursday, June 2</b>	June courses begin
<b>Monday to Friday, June 13-17</b>	Spring Convocation
<b>Friday, June 24</b>	May-June and June courses end
<b>Thursday, June 30</b>	Reading Break, May-August sections only
<b>Friday, July 1</b>	Canada Day
<b>Monday, July 4</b>	July and July-August courses begin
<b>Friday, July 15</b>	Deadline to apply to graduate for fall convocation (all faculties)
<b>Tuesday, July 26</b>	July courses end
<b>Wednesday, July 27</b>	August courses begin
<b>Wed-Friday, July 27-29</b>	Supplemental and deferred examinations for Winter session
<b>Monday, August 1</b>	British Columbia Day
<b>Tuesday, August 2</b>	May-August examinations begin for all faculties
<b>Tuesday, August 16</b>	May-August examinations end for all faculties
<b>Friday, August 19</b>	July-August and August courses end



## UVic Announcements

### UVic / Greater Victoria Bike to Work Week



**University  
of Victoria**

May 30 to June 5. Bike to Work Week hosts a series of events across the region to celebrate cycling as a safe healthy, fun and convenient way to get to work or school. UVic is a Gold sponsor for BTWW. Registration is open to all staff, faculty and students. Make sure to indicate your team is from UVic .

You can find a lot more information here:

<http://www.uvic.ca/sustainability/involved/events-special/index.php>

Events taking place on Campus:

Celebration station May 31, 7:30 to 9:30 am at the Petch Fountain. Free coffee, treats, bike repairs, 50-50 raffle, etc.

Tune ups, by donation June 1, 9:30 am to 4:30 pm

Participant lunch, June 1, noon to 1 pm SUB Michele Pujol Room. Free admission with your helmet.

Celebration Station, June 2, 3:30 to 5:30 pm at the Petch Fountain. Free coffee, treats, bike repairs, 50-50 raffle etc.

## 2016 IUBMB Conference

### IUBMB Conference (International Union of Biochemistry and Molecular Biology)

Signalling Pathways in Development, Disease and Aging.  
**Conference July 17 to 21, 2016, Vancouver, BC**

The IUBMB unites biochemists and molecular biologists in 77 countries. Aims to promote research and education in biochemistry and molecular biology world-wide, especially in areas where the subject is still in its early development.



The IUBMB seeks to advance the international molecular life sciences community by:

- \*Promoting interactions across the diversity of endeavours in the molecular life sciences.
- \*Creating networks that transcend barriers of ethnicity, culture, gender and economic status.
- \*Creating pathways for young scientists to fulfill their potential.
- \*Providing evidence-based advice on public policy.
- \*Promoting the values, standards and ethics of science and the free and unhampered movement of scientists of all nations.

Registration and Accommodations: on-going  
Abstract submission deadline: March 4, 2016  
Abstract Notifications deadline: April 1, 2016  
Early Registration deadline: April 15, 2016  
Regular Registration deadline: May 27, 2016  
Late Breaking Abstract Submission deadline: May 27, 2016  
For more information visit:  
<http://www.iubmb2016.org/>



## Job Opportunities

### Fisheries and Oceans Canada—Science Recruitment Campaign

Fisheries and Oceans Canada (DFO) is hiring Research Scientists, Biologists, Oceanographers and Technicians.

DFO is a career destination of choice for aquatic science professionals. With research facilities across the country, our science staff are at the cutting edge of aquatic sciences. DFO is a science-based department that relies on a vibrant science program to provide data, information, and expert scientific analysis and advice to support decision-making and policy and program delivery. Our Ecosystem and Oceans Science Sector (the Science Sector) includes a large number of Science staff who possess a broad range of expertise in ocean and freshwater research.

The recruitment campaign aims to staff a range of science positions, across the country, in the following core of research:

- \*Assessment of aquatic resources (including fish stocks, marine mammals and species-at-risk)
- \*Dynamics of aquatic invasive species
- \*Ecosystem health, including approaches for ecosystem modelling and ecosystem-based management
- \*Conservation management of aquatic biological diversity
- \*Ecosystem stressors and evaluating their impacts on aquatic ecosystems.
- \*Biological, chemical, physical, and fisheries oceanography, both coastal and offshore

The hiring will take place in phases between now and early fall 2016, with various testing ad/or document submission requirements as the process moves forwards. As part of this process, DFO officials will be holding job fairs in early fall 2016, which will include in-person interviews. Candidates who pass the initial screening phase will go through further assessment.

Who can apply: Persons residing in Canada and Canadian citizens residing abroad.

The closing date for applications is June 13, 23:59, Pacific time.

For more information visit <https://emploisfp-psjobs.cfp-psc.gc.ca/psrs-srfp/applicant/page1800?poster=922946> or email [Tanya.Berthelot@dfo-mpo.gc.ca](mailto:Tanya.Berthelot@dfo-mpo.gc.ca)

## Internships

### South African Shark Conservancy

Our research is focused on the development of biological and ecological base-lines, as well as long-term monitoring of species diversity, abundance and habitat use within Walker Bay and along the South African coast. As a SASC intern you will have the opportunity to participate in a variety of research projects designed to provide early career scientist with unparalleled field and lab-based experience. Depending on the time of year you join our team, you may participate in: cetacean monitoring; elasmobranch surveys; marine debris surveys; estuarine surveys; baited remote underwater video (BRUV) surveys.

Data collected by our interns are used for informing conservation and management objectives.

1 month internship  
\$1650 per month

2 month internship  
\$1570 per month

3 month internship  
\$1485 per month

To apply, visit:

<http://www.sharkconservancy.org/>

Social media:

<https://www.youtube.com/user/SharkConservancy>

<https://www.facebook.com/groups/4268426844/>

Quick contact:

[info@sharkconservancy.org](mailto:info@sharkconservancy.org)

Call: +27 (90) 28 312 3029

Address:

Old Harbour Museum Market Square,  
Marine Drive  
Hermanus, South Africa



## Volunteer Opportunities

### Shark Experience Volunteer Program

The South African Shark Conservancy is based in Cape Province, South Africa. The institute is situated meters from the sea in the Old Harbour Museum within Walker Bay, enabling them to have a fully operational salt water laboratory from which their education and research programmes are conducted.

The SA Shark Conservancy has dedicated research programmes aimed at the development of biological base-lines to monitor seasonal changes in species diversity, abundance and habitat use as well as identifying anthropogenic impacts on marine habitats within Walker Bay. SASC currently runs the walker bay shark research programme, studying up to 60 species of sharks, skates and stingrays that occur in the walker bay area.

Depending on the time of the year you join the Volunteer Programme, you will participate in the following components of the SASC Marine Ecology Research Programme, including:

- \*Whale monitoring
- \*Shark surveys
- \*Marine debris surveys
- \*Estuarine/river monitoring surveys

For more information about this program and to apply to volunteer, please visit their website:

<http://www.sharkconservancy.org/>



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

## 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](mailto:volunteers@archelon.gr)

\*[http://www.archelon.gr/eng/volunt.php?](http://www.archelon.gr/eng/volunt.php?row=row2)

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## White Shark Diving Co. Conservation and Research Volunteer Program

Exciting opportunity available for students or post graduates who are looking to gain some hands on experience in the field of marine science, conservation 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 program 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](mailto:mary@sharkcagediving.co.za)

Phone number: 074-550-665-2366

For more information visit:

[www.sharkcagediving.co.za](http://www.sharkcagediving.co.za)



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