



# Department of Biology

May 15, 2019

UNIVERSITY OF VICTORIA

## Governor General's Gold and Lieutenant Governor's Silver Medals

Congratulations to Danielle Claar and Jennifer Magel for winning prestigious awards!



The Governor General's Gold Medal Award for outstanding dissertation was awarded to Danielle Claar from the Baum Lab for her PhD dissertation on "Coral Symbioses Under Stress: Spatial and Temporal Dynamics of Coral-Symbiodinium Interactions". Danielle defended her dissertation in the Fall of 2018.

The Lieutenant Governor's Silver Medal for outstanding thesis went to Jennifer Magel, also from the Baum lab, for her MSc thesis on "Effects of heat stress and local human disturbance on the structure of coral reef ecosystems at multiple scales of biological organization". Jennifer defended her thesis in the Fall of 2018.



*Congratulations*

### Inside this issue

GOVERNOR AND LIEUTENANT GENERAL AWARDS	<b>1</b>
SEMINARS	<b>1</b>
CALENDAR	<b>2</b>
BIOLOGY ANNOUNCEMENTS	<b>2</b>
TA/LAB INSTRUCTOR POSITIONS FALL 2019	<b>3</b>
UVIC ECOLOGY GROUP	<b>3</b>
UVIC WOMEN IN SCIENCE	<b>3</b>
WORKSHOP	<b>3</b>
UNIVERSITY OF VICTORIA LEVIN FEST	<b>4</b>

## Biology Seminars, Everyone Welcome!

### Biology

#### **David Ma**

PhD Exit Seminar  
Department of Biology, UVic

"Transcriptional regulation of flavonoid biosynthesis: a complex network of MYB transcription factors in poplar"

Everyone Welcome!

Friday, May 24, 2019  
at 3:30 pm in MSB 150

### Levin Fest Public Lecture

Dr. Simon Levin  
Ecology & Evolutionary Biology  
Princeton University  
UVic Honorary Doctor of Science

"Mathematical Ecology: A century of progress, and challenges for the next century"

Thursday, June 13, 2019  
at 7:30 pm in BWC A104



### Levin Fest Symposium

Keynote speaker: Dr. Simon Levin  
Ecology & Evolutionary Biology  
Princeton University  
UVic Honorary Doctor of Science

"Public goods: From biofilms to societies"

Mark Lewis (Alberta) and Carla Staver (Yale) will also be keynote speakers.

Saturday, June 15, 2019  
from 9:00 am to 5:00 pm in BWC A104

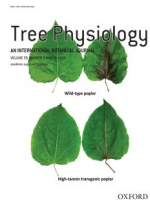
## Calendar

### **Important Dates:**

<b>Sunday, May 19</b>	Last day for graduate students to register in a personal leave in summer
<b>Monday, May 20</b>	Victoria Day (University Closed)
<b>Thursday, May 23</b>	Senate Committee on Academic Standards meets to approve Convocation lists
<b>Friday, May 31</b>	Fees deadlines for summer (see Add and Drop Dates for Standard Summer Courses)



## Biology Announcements



### **Publication:**

G. Gourlay, C.P. Constabel

[Condensed tannins are inducible antioxidants and protect hybrid poplar against oxidative stress](#)

## Job Opportunities

### **Biology Teaching Assistant Positions for Fall 2019**

The Laboratory Instructor positions for the September - December term of the 2019-20 Winter session are posted on the Biology website under News.

The following is a list of Lab Instructor positions available at the moment. The number of positions is subject to enrollment and/or course cancellation.

BIOL 184	Evolution & Biodiversity	34-36 lab sections
BIOL 215	Ecology	11-12 lab sections
BIOL 225	Principles of Cell Biology	19-20 lab sections
BIOL 311/EOS 311	Oceanography	4 lab sections
BIOL 321	Invertebrates	4 lab sections
BIOL 326	Development & Genetics of Model Plants	1 lab section
BIOL 345	Animal Behaviour	5-6 lab sections
BIOL 365	Animal Physiology	6-7 lab sections
BIOL 448	Neuroethology	1-2 positions for tutorials

BIOL 184	Scientific Assistant technical support	Paid by timesheet; approximately 50-60 hours/term.
----------	--	--

The closing date for applications is Wednesday July 7, 2019. Please see the [postings](#) for more details.

### **Intermediate Marine Biologist**

Hatfield Consultants has a position for an enthusiastic and technically focussed marine biologist. This position presents an exceptional opportunity for the right individual to advance their career at one of Western Canada's largest purely environmental consultancies.

Please click on the following link for full posting and complete information:

[Hatfield Consultants. Intermediate marine Biologist, Vancouver Canada](#)

## UVic Ecology Club

### Ecology Club

A club ran by graduate students to help connect people across disciplines. There are many departments with an ecological component and this club aims to facilitate inter-disciplinary connections and opportunities.

What Ecology Club does:

- \*Hosts seminars weekly on a broad spectrum of hot topics
- \*Facilitates social events throughout the school year including writing retreats
- \*Supports across campus communications
- \*Builds an on-line library of resources and content

If you are interested in ecology, don't hesitate to connect with the Ecology Club by joining their [list serve](#).

To learn more [click here](#).



## UVic Women in Science



### UVic Women in Science

A club with the purpose to connect and support female graduate and undergraduate students pursuing STEM (Science, Technology, Engineering and Mathematics) fields. Through newsletters, social events, guest lectures and professional development seminars, this network is open to all genders and persons who want to contribute to the success of these women. Membership offers a variety of resources that aim to support and enable members to form relationships with peers, professors, and industry professionals.

For updates about meet ups and more, check out our Facebook page [@womeninscienceuvic.ca](#)

Visit: [UVic Women in Science](#) for more information on events, interviews, resources and community

## Workshop

### Vancouver Molecular Biology Workshop



The Michael Smith Labs Present their annual MOLECULAR BIOLOGY WORKSHOP at the University of British Columbia on June 17 to 21, 2019 (CAN\$1500).

This intense five-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. Hands on techniques covered include: Various nucleic acid purification methodologies (silica bead, organic, and/or pl based), restriction digests, ligations,

dephosphorylation assays, agarose gel electrophoresis, transformation (including electroporation), PCR, reverse transcriptase assay, real time qPCR, SDS-PAGE, Western blot analysis, Isoelectric focusing strips, and 2D protein gels. This also includes theoretical and hands-on work on Next Gen Sequencing (using an Ion Torrent set up).

To register or inquire about the workshop, please contact Dr. David Ng at [db@mail.ubc.ca](mailto:db@mail.ubc.ca) or 604-822-6264.

More information can be found [here](#).



University  
of Victoria

## ***University of Victoria Levin Fest***

*Saturday, June 15, 2019*  
9:00 am – 5:00 pm  
Bob Wright Centre A104



### ***A Symposium at the Intersection of Mathematics and Biology***

#### **Keynote Speaker:**

**Dr. Simon Levin, Princeton University**  
Public goods, from biofilms to societies

#### **Invited Speakers:**

**Dr. Mark Lewis, University of Alberta**  
Understanding animal movement patterns with a  
mathematical eye

**Dr. Carla Staver, Yale University**  
Resilience and stability of tropical biome  
distributions

#### **Sponsors**



University  
of Victoria  
Science



CAIMS  
SCMAI

#### **To register:**

Complete the Contact Info and Registration at  
<https://events.epl.com/LevinFest2019> before May 15, 2019.

**Editors:** L. Alcaraz-Sehn, C. Laliberté

**Contributors:** M. Shen, J. Gough, R. Ashmead, Dr. N. Winchester, Dr. D. Luszniak, G. Gourlay

#### **Department of Biology**

P.O. Box 1700, STN CSC  
Victoria, BC, V8W 2Y2, Canada

Tel: 250-721-7095

Fax: 250-721-7120

Email: [biolgy@uvic.ca](mailto:biolgy@uvic.ca)

Website:

<http://www.uvic.ca/science/biology/>



University  
of Victoria