



# Department of Biology

February 16, 2021

UNIVERSITY OF VICTORIA

## Dr. Winchester's Wet, Cold and Windy Canopy Work in The Nature of Things



### The Nature of Things : Making Wild Canadian Weather

Congratulations to Dr. Neville Winchester for his participation and collaboration on the documentary series "WILD CANADIAN WEATHER" for CBC's "The Nature of Things".

After more than two years in production, the CBC series has finally gone to air! WILD CANADIAN WEATHER premiered Friday, January 15 on CBC Television but episodes are available to stream anytime on [CBC GEM](#)

The four episodes are named "COLD", "RAIN", "WIND" and "SUN", and Dr. Winchester's canopy work is featured in the second episode of the series.

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## Biology Webinars

### Biology Webinar

Dr. Yves Desjardins

Institut sur la Nutrition et les Aliments Fonctionnels  
Université Laval



"Proanthocyanidins and tannins from berries are potent prebiotics! Updates on the mode of action"

Friday, February 12, 2021  
3:30– 4:30 pm  
([Zoom link](#))

### Biology Webinar

Dr. Seemay Chou

Assistant Professor  
Department of Biochemistry and Biophysics, UCSF



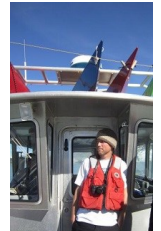
"Lessons in bubble management: how ticks navigate their many microbial neighbors"

Friday, February 26, 2021  
3:30-4:30 pm  
(Zoom link TBA)

### Biology Webinar

Dr. Brian Buma

Assistant Professor  
Integrative Biology  
University of Colorado



"More wet, less white: The decline of a snow specialist, yellow-cedar, along the north Pacific coast as winters warm and snow turns to rain "

Friday, March 5, 2021  
3:30-4:30 pm  
([Zoom link](#))

## Calendar

### Important Dates:

**Monday, February 15**

**Monday, February 15-19**

**Sunday, February 28**

**Friday, March 5th**

**Friday, April 2nd**

**Monday, April 5th**

**Friday, April 9th**

Family Day

Reading Break for all Faculties

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

Senate meets

Good Friday

Easter Monday

Senate meets



## Biology News

### Anne Sheffer presented with the 2020 Dr. Nancy Foster Habitat Conservation Award



Dr. Anne Shaffer received the Dr. Nancy Foster Habitat Conservation award for demonstrating exceptional achievement and dedication to coastal and marine habitat conservation. She completed her PhD dissertation in the Juanes lab in 2017. Congratulations Anne!

Full story [here](#).

### Publications

[Vocalizations of bearded seals \(\*Erignathus barbatus\*\) and their influence on the soundscape of the western Canadian Arctic.](#)

Marine Mammal Science 37: 173-192. Heimrich, A.F., W.D. Halliday, H. Frouin-Mouy, F. Juanes, and S.J. Insley. 2021.

[The sources and prevalence of anthropogenic noise in Rockfish Conservation Areas with implications for marine reserve planning.](#) Marine Pollution Bulletin 164: 112017 Nikolich, K., W.D. Halliday, M.K. Pine, K. Cox, M. Black, C. Morris, and F. Juanes. 2021.

[The utility of different acoustic indicators to describe biological sounds of a coral reef soundscape.](#) Ecological Indicators 124: 107435. Dimoff, S., W.D. Halliday, M. Pine, K.L. Tietjen, F. Juanes, and J.K. Baum. 2021.

[Consequences of nest site selection vary along a tidal gradient.](#) Journal of Animal Ecology 90: 528-541. Brown, N.A.W., N. Houpt, N. Yee, J. Curtis, B. Bolker, F. Juanes, and S. Balshine. 2021.

[The soundscape of the anthropocene ocean. Science \(solicited review\) 371: eaba4658.](#) Duarte, C.M., L. Chapuis, S.P. Collin, D.P. Costa, VM Eguiluz, C. Erbe, B.S. Halpern, M.N. Havlik, T.A.C. Gordon, N.D. Merchant, M. Meekan, J.L. Miksis-Olds, M. Parsons, M. Predragovic, A.N. Radford, C.A. Radford, S.D. Simpson, H. Slabbekoorn, E. Staaterman, I.C. Van Opzeeland, J. Winderen, X. Zhang, and F. Juanes. 2021.



If you have stories or announcements that would like to share for the Biology newsletter, please email:

Chantal Laliberté at [biology@uvic.ca](mailto:biology@uvic.ca) or Laura Alcaraz-Sehn at [bioclerk@uvic.ca](mailto:bioclerk@uvic.ca)

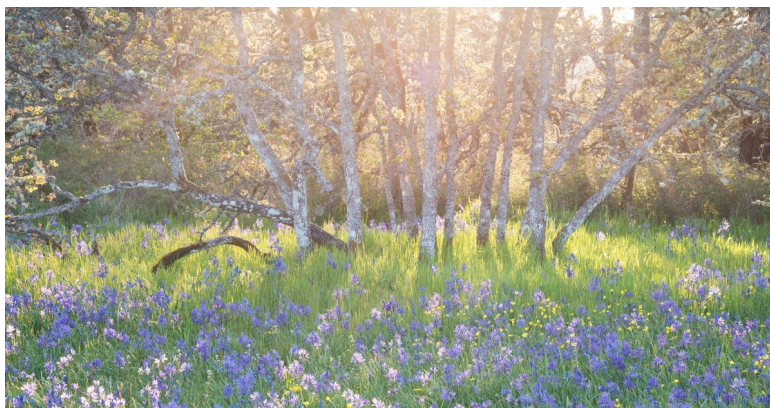
## Indigenous Events

### Living Lands and Indigenous Climate Solutions: Responsibilities beyond Territorial Acknowledgements.

February 24, 2021 at 12:00 pm

Join Indigenous knowledge holders, Cheryl Bryce, Tiffany Joseph, Marilyn Page and Judith Sayers for a special online campus conversation on Indigenous approaches to climate solutions, sustainability and well-being.

What does the living history of the lands and waters in around Uvic tell us about traditional land-use, colonial impacts and the interdependence we share with these systems? Learn how coastal peoples are addressing the challenges of climate change in their communities and the transformative opportunity of moving beyond 'Territorial Acknowledgments' to action that is grounded in our relationship to the land and our shared responsibility to its restoration and stewardship.



Registrations are open until February 22.

This event is sponsored by Uvic's Climate Solutions Navigator and is an accelerated action in support of Uvic's developing 22-26 Climate and Sustainability Action Plan.



## Indigenous Science Student Day

Hosted by the Government of Canada's  
Interdepartmental Indigenous STEM Cluster

English Event: Thursday, February 18th, 2021

French Event: Thursday, March 4th, 2021

8:00am-12:45pm PST / 10:00am-2:45pm CST / 11:00am – 3:45pm EST

Join us for a one-day virtual event to meet Indigenous scientists and STEM students from the federal public service.

[Find more info in the event's Google Drive](#)

Open to all Indigenous students studying:

Science  
Technology  
Engineering or  
Math

#### Features:

- Panel discussion with First Nations, Métis and Inuit federal scientists and science policy professionals
- Keynote presentation and Q&A
- Info on supports available to Indigenous students and employees in the federal public service
- Live support with the student job application process

### Indigenous Science Student Day

Are you a First Nations, Inuit or Métis youth or student fascinated about science, technology, engineering, or math (STEM)? Then, mark your calendar for a free virtual Indigenous Science Student Day on February 18, 2021 (English event) and/or March 4, 2021 (French event).

Come listen, ask questions and dialogue with Indigenous scientists and science professionals who are eager to share their passion, their experience and their journey in a STEM career with you, all through Zoom.

Want to be considered for federal student jobs? Staff will also be on hand to help you set up a profile in the Federal Student Work Experience Program (FSWEP) and help you connect to managers offering summer jobs right now for Indigenous youth.

This event is hosted by the Government of Canada's Interdepartmental Indigenous STEM (I-STEM) Cluster.

Join the event on Thursday, February 18 via this [Zoom link](#).

Questions?

Contact Ashley Daniels ([Ashley.daniels@canada.ca](mailto:Ashley.daniels@canada.ca))



## Employment Opportunities

### University of Winnipeg

[Tenure-track Assistant Professor, Department of Biology](#)

[Probationary Instructor, Department of Biology](#)



THE UNIVERSITY OF  
WINNIPEG

### BC SPCA Wild Animal Rehabilitation Centre

Do you love wildlife? Do you want to learn how to help wild patients recover and return to the wild? The BC SPCA Wild ARC Practicum Program is now accepting applications for the 2021 season.



#### **Wildlife Rehabilitation Practicum**

BC SPCA Wild ARC's Practicum Program offers a wildlife rehabilitation option to build participants' skills in assessment, treatment, husbandry, and release evaluation for a broad range of wild patients.

Click [here](#) for a complete description and application information.

#### **Wildlife Practicum – Herbivore Specialist**

BC SPCA Wild ARC's Practicum Program offers a herbivore specialist option to build participants' skills in wildlife husbandry with a focus on rearing sensitive herbivores.

Click [here](#) for a complete description and application information.

#### **Wildlife Practicum – Setup Coordinator**

BC SPCA Wild ARC's Practicum Program offers a setup coordinator option to build participants' skills in rearing, husbandry, assessment and release evaluation for a broad range of wild patients.

Click [here](#) for a complete description and application information.

## Equity Diversity and Inclusion Events

### Picture a Scientist

The Faculty of Science EDI Council in partnership with [Women in Science](#), SEOS and Chemistry EDI, have organized a screening of the film [Picture a Scientist](#). The film will be available for streaming for three days over the reading week on February 15 to 17. See our [Events Calendar](#) for more information on this event.

The screening will be followed by a panel discussion at 12:30 pm on February 18.



Moderator: Katherine Elvira, Chemistry

Panelist: Jane Butterfield, Mathematics and Statistics

Panelist: Devika Chithrani, Physics and Astronomy

Panelist: Julia Baum, Biology

Panelist: Peter Loock, Dean of Science



## 8th Annual Three Minute Thesis

### Three Minute Thesis Competition (3MT)

3MT is a research communication competition at which graduate students present complex research in a clear, engaging and understandable way to a non-specialist audience in just three minutes. It's a fantastic opportunity to develop communication and public presentation skills and to showcase research to a diverse audience.

[Registration](#) for the Three Minute Thesis is now open until February 12.

3MT preparation sessions will be offered via Zoom in February.

The competition heats will take place in mid-March.

Additional details can be found [here](#).



## STEM Photo Contest



### UVic Science and Society Club STEM Photography Competition

Submit a STEM themed photograph to [ssc.uvic@gmail.com](mailto:ssc.uvic@gmail.com) and include a short caption describing some cool facts about your picture!

Top photographs submitted will be eligible to win amazing prizes from our sponsors and donors!



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