



Department of Biology

February 15, 2022

UNIVERSITY OF VICTORIA

Honours Fest Biology Students

Honours Fest

Honours Fest is a conference-style poster session that showcases outstanding undergraduate research in the Faculty of Science.

Each student's project is the culmination of two semesters of cutting-edge research. Students who place in the top three, as well as the top presenter in each department, win generous cash prizes.

This year there will be an in-person event on campus as well as a virtual exhibition open to everyone. In addition to the poster session, each student will have prepared a three minute video summary of their poster, which will be posted online.

Faculty of Science Honours Fest 2022 will be held from 2:30 to 4:30 pm on March 3 in the Michele Pujol Room and Upper Lounge of the Student Union Building.



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Biology Seminars

Forest Biology

Dr. Sean Machaletz
Assistant Professor, Department of Botany, UBC

"On the temperature-dependence of forest carbon fluxes: From leaves to the biosphere"

Wednesday, February 16, 2022
2:30 pm Cun 146
([Zoom](#))

Biology

Dr. Ian Major
Laurentian Forestry Centre (NRCan), Ste-Foye, Quebec

"The importance of JAZ (proteins) to balance growth and immunity in plants"

Friday, Feb 18, 2022
at 3:30 pm in MSB 150
(Zoom)

Forest Biology

Dr. Joe Melton
Research Scientist, Canadian Centre for Climate Modelling and Analysis (CCCma), Environment and Climate Change Canada

"TBA "

Wednesday, March 2, 2022
2:30 pm Cun 146
(Zoom)

Biology

Dr. Elizabeth Rideout
Assistant Professor, Department of Cellular and Physiological Sciences

"TBA"

Friday, March 4, 2022
at 3:30 pm in MSB 15
(Zoom)

Calendar

Important Dates:

Tuesday, February 15

Monday, February 21

February 21 - 25

Monday, February 28

Friday, March 4

Friday, April 1

Thursday, April 7

Monday, April 11

Friday, April 15

Monday, April 18

Friday, April 29

Faculty of Graduate Studies deadline to apply to graduate for Spring Convocation

Family Day

Reading Break for all faculties

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

Senate meets

Senate meets

Last day of classes for all faculties

Examinations begin for all faculties

Good Friday

Easter Monday

Examinations end for all faculties



Biology News



Congrats to Kerry Delaney, for landing a 5-year CIHR grant entitled “Physiology and cholinergic modulation of the medial prefrontal cortex - medial thalamus loop in female Rett Syndrome model mice.”

His grant scored #1 in his group!

BC SPCA Wild Arc Practicum Program 2022

Wild ARC Practicum Program

The BC SPCA Wild Arc is currently accepting applications until February 22nd, 2022.

This is a great opportunity for anyone looking to further their experience in the animal care or wildlife rehabilitation field. It provides a lot of hands-on experience with various BC wildlife and allows students to develop technical wildlife skills. It runs through the summer with both part and full-time placement options from April to October. It can fulfill the practicum requirement for some environmental and animal health courses, as well as provide certification through the International Wildlife Rehabilitation Council (IWRC).



Wild life Rehabilitation Practicum ([PDF](#))

Wild life Rehabilitation Practicum—Herbivore Specialist ([PDF](#))

More information can be found on their [website](#)



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

Jennie Bartosik at biology@uvic.ca or Laura Alcaraz-Sehn at bioclerk@uvic.ca

Job Opportunities Ministry of Environment and Climate Change Strategy



Where ideas work

Senior Risk Assessment Officer

The Senior Risk Assessment Officer is a recognized provincial expert in the area of quantitative human health and environmental health risk assessment focused on the assessment and remediation of high-risk contaminated sites. This role acts as a subject matter expert for the remediation of contaminated sites; and as a subject matter resource expert to other Divisional, Ministry and government programs where expertise in human health and/or environmental risk assessment is required in association with major government programs, priorities, initiatives, or environmental incidents.

Qualifications for this role include:

- Post-graduate degree (Master's or Doctoral/Doctorate of Philosophy (Ph.D.)) in biological sciences, ecology, biochemistry, environmental chemistry, toxicology, environmental resource management, or equivalent and three (3) years' *related experience; OR
- Bachelor's degree in biological sciences, ecology, biochemistry, environmental chemistry, toxicology, environmental resource management, or equivalent and five (5) years' *related experience.
- Must have full registration or be eligible for full registration within 6 months of employment, with the British Columbia College of Applied Biology as a Registered Professional Biologist (RPBio).

For more information, and to apply online by February 21, 2022, please go to: [84192](#)



Where ideas work

Unit Head, State of Environment Reporting

The State of Environment Reporting Unit is charged with providing open, scientifically credible, comprehensive information on environmental conditions (status and trends), pressures and impacts; the effects of policies to respond to environmental issues; and the broader socio-economic context. State of Environment Reporting products are used to: inform decision-making so that environmental impacts can be considered; track progress towards achieving ministry goals; provide performance measures that assess accountability in environmental management; and satisfy the public's "right-to-know" the state of the environment.

Qualifications for this role include:

- Ph.D. degree in biological sciences or natural resource management, with three (3) years of related experience; OR
- Master of Science in biological sciences or natural resource management, with five (5) years of related experience; OR
- Bachelor's Degree in a biological sciences or natural resource management, plus seven (7) years of experience; OR
- An equivalent combination of education and related experience may be considered.

Must be registered or immediately* eligible to obtain membership as a Registered Professional Biologist (RP Bio) in B.C. with the College of Applied Biology.

Immediately eligible means within 6 months of employment. For more information, and to apply online by March 1, 2022, please go to: [84388](#)



Where ideas work

Resource Information Specialist

As a Resource Information Specialist, you will be responsible for supporting clients on matters related to fish and wildlife inventory, habitat information, fish passage, terrestrial ecosystems, soils, and terrain information. You will act as a technical authority for integrated inventory and decision support projects, providing expertise on the collection, capture and application of aquatic and terrestrial information, including any associated data limitations and risks. Acting on behalf of the provincial data custodian, and in support of Open Data and Information policy and initiatives, you will also provide critical regionally focused natural resource decision-making support through the capture, storage and dissemination of fish, wildlife and ecosystems information.

Qualifications for this role include:

- Bachelor of Science degree in biological sciences or natural resource conservation/management, including terrestrial and aquatic ecosystems, conservation biology, fish or wildlife management and biodiversity and three (3) years of *related experience, including working in a complex natural resource management area.
- Other relevant combinations of education, related experience and/or training may be considered that meets the criteria for registration as a Professional Biologist.
- Registration as Professional Biologist (RPBio) with the College of Applied Biology of BC or, eligible to become a Professional Biologist within 6 months of appointment of commencing the position.

For more information and to apply online by February 21, 2022, please go to: [83964](#)

NPAFC Internship

2022 NPAFC Internship Program

The North Pacific Anadromous Fish Commission (NPAFC) invites citizens from its member countries (Canada, Japan, the Republic of Korea, the Russian Federation, and the USA) to apply for the NPAFC Internship Program. One or two interns will be accepted upon approval of the Commission. The intern will work at the NPAFC Secretariat office in Vancouver, BC, Canada. The intern will gain experience and knowledge in operations of the NPAFC and will have the opportunity to test his/her interest in international governmental organizations, fisheries management, salmon biology & ecology, and fisheries enforcement.

Internship period: Up to a maximum of 6 (six) months, with the start date to be negotiated. Start date must occur between the period of July–December 2022. The intern is expected to perform his/her tasks at the Secretariat office on a daily basis, Monday–Friday, 7.5 hours per day.

Qualifications: Applicants must be a citizen of an NPAFC member country, have a university degree, the ability to read, write, and speak English, the ability to use computers and the Internet, and demonstrated personal initiative. Applicants must currently be a part of the government or academic sector, a recent graduate, or currently enrolled in school for an advanced degree.

Financial support: NPAFC will provide a stipend of CDN \$3,000 per month. Travel costs for the intern to and from his/her place of residence and the location of the Secretariat will be at the intern's own expense or by home country support. Travel expenses associated with the intern's work in the Secretariat will be covered by NPAFC. The intern's medical insurance and benefits are not covered by the NPAFC Internship Program.

Applications: Completed applications must include all of the following:

- a cover letter describing the applicant's interests and qualifications;
- resume showing academic and/or work experience;
- three professional letters of reference; and
- personal data page of passport as proof of citizenship.

Email the completed application to secretariat@npafc.org by April 1, 2022. The selected intern will be notified in early June of 2022.

For complete information:

Go to [NPAFC](http://npafc.org) and contact the NPAFC Secretariat for questions at secretariat@npafc.org.

Deadline: April 1st. 2022



Volunteer opportunities

Horticulture Centre of the Pacific (HCP)

The Horticulture Centre of the Pacific is looking for volunteers to join their Board of Directors. If you have a passion for horticulture and the environment, email biology@uvic.ca and we will put you in touch the HCP Chair. Board members are volunteers who are asked to attend eight meetings per year, duration under two hours each.



Editors: L. Alcaraz-Sehn, J. Bartosik

Contributors: HCP, SPCA Wild ARC,
Ministry of Environment, A. Roszmann,
Dr. R. Gawryluk, Dr. P. Constable, Dr. S.
Perlman, Dr. K. Delaney, Faculty of
Science Office

Department of Biology
P.O. Box 1700, STN CSC
Victoria, BC, V8W 2Y2, Canada
Tel: 250-721-7095
Fax: 250-721-7120

Email: biology@uvic.ca
Website:
<http://www.uvic.ca/science/biology/>

