

Calendar

Important Dates:

Friday, March 4

Friday, April 1

Thursday, April 7

Monday, April 11

Friday, April 15

Monday, April 18

Friday, April 29

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

Congratulations!

How To Save A Planet (Spot fy) Featuring Dr. Julia Baum

Julia Baum is featured on "How To Save A Planet," a Spot fy original podcast. In it, she highlights her team's research findings and experiences studying the coral reefs of Christmas Island in the eastern Indian Ocean. Baum discusses climate-induced coral bleaching and the resilience and resistance of coral reefs. Madeleine McPherson, David Bristow and Tamara Krawchenko are also cited for their ongoing research on renewable energy and sustainable technologies.

Name of Podcast: [Are the Coral Reefs Really Doomed?](#)

Graduate Students Defence Oral Presentations

Lia Chalifour

PhD

Nearshore habitat use, estuarine residency, and conservation priorities for Pacific Salmon in the Fraser River, British Columbia 🇨🇦

Thursday April 14,

11:00 am

(If you wish to attend please contact the supervisor: ps.taic@i

Biology News

Publications

[Gain control by sparse, ultra-slow glycinergic synapses](#)

Varsha Jain, Laura Hanson, Santhosh Sethuramanujam, Tracy Michaels, Jerram Gawley, Ronald G. Gregg, Ian Pyle, Chi Zhang, Robert G. Smith, David Berson, Maureen A. McCall, Gautam B. Awatramani

[Parallel processing in active dendrites during periods of intense spiking activity](#)

Benjamin L. Murphy-Baum, Gautam B. Awatramani

[Organization and emergence of a mixed GABA-glycine retinal circuit that provides inhibition to mouse ON-sustained alpha retinal ganglion cells](#)

Abhilash Sawant, Briana N. Ebbinghaus, Adam Bleckert, Clare Gamlin, Wan-Qing Yu, David Berson, Uwe Rudolph, Raunak Sinha, Mrinalini Hoon

[Climate and species traits drive changes in Holocene forest composition along an elevation gradient in Pacific Canada.](#)

Lacourse, T. and Adeleye, M.A. (2022).



Welcome to the Biology Department

Dr. Shima Ebrahimi Konacha
Post Doc
Delaney Lab

Dr. Joan Alfaro-Lucas
Post Doc
Bates Lab

BCSC Climate Action Series

Climate Action Series

This series brings cutting-edge ocean research, conservation efforts, and coastal climate issues straight to the public. Using a mixed media approach, their free and interactive series of webinars, workshops, and podcasts will cover climate change issues in coastal communities while highlighting action-based initiatives for everyday people to influence climate solutions.

Episode 13 Regenerative Ocean Farming Streaming Wednesday March 30th at 1pm PST. [Registration](#)

Episode 11, Deep Sea and Oceanographic Changes—[Watch it now on YouTube](#)

Episode 12 Climate Education and Misinformation - [Watch it now on YouTube](#)

[Watch all episodes](#)



[The Land of Conservatory Deertrails Naturalist Program Clearwater 2022](#)

Employment Opportunities

SUMMER EMPLOYMENT BMSC (BAMFIELD MARINE SCIENCES CENTRE)

Summer TA Opportunity

Course: Marine Invertebrate Zoology, Summer 2022

Dates: May 6 to June 17, 2022

Qualifications:

- * Be a graduate student with previous experience at the BMSC,
- * Have good knowledge of the local marine fauna and Barkley Sound
- * Have a SVOP 16-hour Standard First Aid course
- * The ability to make significant contributions to teaching of course material is desirable.
- * Summer Semester TA applications due: April 1, 2022

Please see detailed [Marine Invertebrate Zoology course description](#).

BULLFROGCONTROL.COM INC

The Bullfrog Control Program will continue in 2022 in the Western Communities and is currently looking to fill several positions for fieldwork technicians. Work term is from late-April to late-September, possibly into early October. Must be available five nights per week for 4 hours per night beginning at dusk. However, work is weather-dependent, e.g. cannot work in high wind or rain. Interviews will be conducted throughout March.

- Proficiency in the English language
- Valid BC Driver's licence, clean driving record, and personal vehicle to get to and from the office
- Physically fit for rowing, often in rigorous conditions, as well as wielding the electro-frogger pole with sufficient ease as to avoid repetitive stress issues and while maintaining their balance in the boat
- Professional interest in biological fieldwork, herpetology, invasive species, conservation biology, etc
- Rower: Superior abilities at rowing an inflatable boat backwards, manoeuvring it through aquatic vegetation, intuitively understanding where the back of the boat needs to be relative to the target bullfrog and for the person at the back of the boat to properly operate the electro-frogger, must hold a fixed position during captures, must be able to quickly