

UBC NEUROSCIENCE

UBC NEUROSCIENCE NEWSLETTER

EDITION 9 (FEB 8 - FEB 17)



THIS WEEK:

New year, new opportunities, new events, and new class summaries: a new ne(w)roscience newsletter edition! We spent a lot of time compiling amazing opportunities (for undergraduates like yourself), so please take some time to read through it. Have a great week.

NEWS LETTER TOPICS



WEEKLY RECAP

reproductive behaviour,
parental behaviour



UNDERGRADUATE LAB HIRING

We have provided links to UBC labs exploring the research methods we discussed in class. Some of these labs are even looking to **hire undergraduate students**.



UPCOMING EVENTS

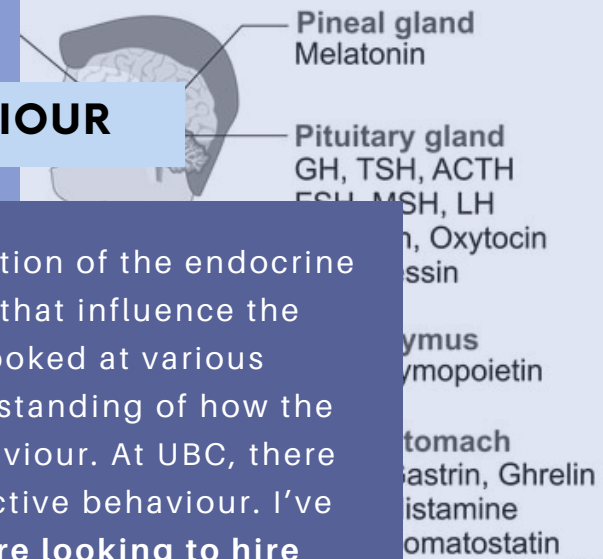
There are a lot of events coming up soon, so stay tuned!

THE RUNDOWN:

In the last few weeks, we moved into learning about reproductive and parental behaviour! On February 7th, Dr. Soma introduced us to hormones, sexual behaviour, and various new experimental techniques! During the week before reading break, we moved into learning about parental behaviour. We continued talking about hormones, types of parental care, and experiments that helped us understand how certain behavioural concepts were born. Below, I've recapped the topics we covered and also provided links to labs at UBC that are exploring these research methods. **Some of these labs are even looking to hire undergraduate** students, so take some time to review the labs I've listed.

REPRODUCTIVE BEHAVIOUR

We started by taking a surface-level exploration of the endocrine system. We learned about the hormones that influence the reproductive system. From there, we looked at various experiments that helped us build an understanding of how the effects of these hormones manifest in behaviour. At UBC, there are a couple of labs that research reproductive behaviour. I've listed them below. **Some of these labs are looking to hire undergraduate students.**



DR. KATRINA BOUCHARD

(INDICATED THAT SHE IS INTERESTED IN WORKING WITH UNDERGRADUATE STUDENTS ON RESEARCH PROJECTS)

Clinical sexology; Mental health and wellbeing; Sexual identity, sexual attraction and sexual behaviour; Sexual health; sexual response; sexual well-being; women's health; couples

<https://www.grad.ubc.ca/researcher/21665-bouchard>

BROTTO LAB, PI: Dr. Lori Brotto

(LOOKING FOR AN NSERC RESEARCH STUDENT. ALSO HAS SHOWN A HISTORY OF TAKING UNDERGRADUATE STUDENTS AS VOLUNTEERS)

Human reproduction and development sciences; Neurosciences, biological and chemical aspects; Neurosciences, medical and physiological and health aspects; Clinical psychology; mindfulness; Sexual Dysfunctions; sexual desire; treatment of sexual concerns; women's sexual health; asexuality; digital health interventions

<https://brottolab.med.ubc.ca/about/dr-lori-brotto/>



PARENTAL BEHAVIOUR

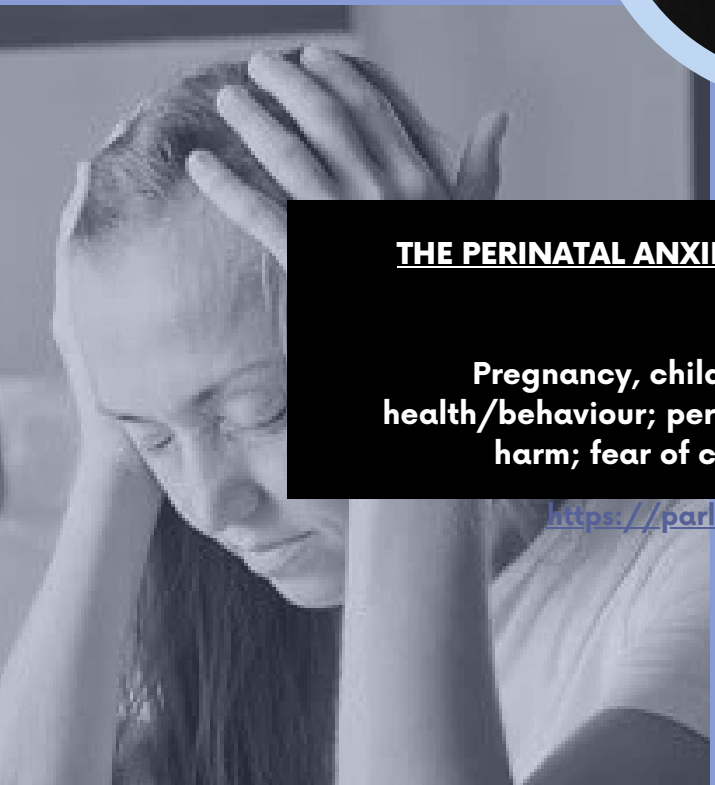
Dr. Soma started us off by introducing us to the variations of parental care. In particular, we examined the cost-benefit analysis associated with these variations in parental care. We then went back into learning about hormones and how they influence aspects of parental behaviour, such as aggression, licking, grooming, and more. At UBC, I could only find one lab that researches something similar to parental behaviour - in particular, anxiety and aggression. I've listed it below.



THE PERINATAL ANXIETY RESEARCH LAB, PI: Dr. Nichole Fairbrother

Pregnancy, childbirth, and postpartum mental health/behaviour; perinatal mental health; infant-related harm; fear of childbirth; perinatal anxiety.

<https://parlab.med.ubc.ca/our-team/>



Upcoming Events



**Feb 17:
colloquium hosted
by Dr. Lynn
Raymond with
speaker Dr. Joseph
Cheer of the
University of
Maryland.**

Venue -

**1. Rudy North Lecture
Theatre, Djavad
Mowafaghian Centre
for Brain Health**

2. Zoom

**a. Meeting ID: 91512
289258**

b. Passcode: 289258

Title -

**Endogenous cannabinoids
and the pursuit of reward.**

Time -

11:00 am - 12:00 pm

Time: 5-6pm

Location: Kingsmill Forum (4th floor of the nest, Room 4301)

Description: Listen to passionate graduate students talk about their research labs and get tips from UBC CSIC on perfecting your CV and cover letters. We will also have a photographer on site for a FREE LinkedIn headshot. The event is FREE for UNC members and \$5 for non-members. We will be serving fried chicken as a snack so don't miss out!**

**Mar 3:
UNC Professional
Skills Workshop:
Research Edition!**

Upcoming Events



Mar 7: Psychostimulants with the Director

Time -

2:30-3:30

Sign up on Canvas -

https://canvas.ubc.ca/appointment_groups/14499

Mar 8: UNC Ted Talk Movie Night

Location -

Abdul Ladha Science Centre (Second Floor)

Description: Do you like neuroscience and popcorn? Well you're in luck! The UNC is hosting a neuroscience movie night! We've selected a Ted Talk that we think will be fun and educational for everyone: Anil Seth: How your brain invents your "self". There's going to be pop, snacks, and popcorn. RSVP below and tell your friends!

Free popcorn + snacks + pop!

Time -

7-8:30PM

RSVP -

<https://docs.google.com/forms/d/1xcn4naNizQuB3tH9lrwphr9-daAsuFLMHFZFRxVjuZI/edit>

NEUROSCIENCE PROGRAM RESOURCES

OFFICE HOURS: STEVEN AND RYAN

You can sign up for appointment times with either Steven or Ryan via the Neuroscience Student Guide canvas calendar. Email them if you'd rather meet in-person. You can sign up for appointment times with either Steven or Ryan via the Neuroscience Student Guide canvas calendar. Additional appointment times are always being added, so if you don't see any open slots, check back again later and more will be available. If you've enabled notifications for the Neuroscience Student Guide, you'll be sent a message when additional Office Hours have been added.

WELLNESS RESOURCES:

UBC Psychology has an excellent list of diverse wellness resources. We've linked them below.

[WELLNESS
RESOURCES](#)

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QUESTIONS/CONCERNS/INQUIRIES:

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