



### THIS WEEK:

Last week, we moved into learning about feeding! Dr. Soma introduced us to feeding behaviour, circuits involved in our feeding behaviour, and also a variety of wacky experiments that showed us stuff that would help us understand why we get full after devouring an entire Uncle Fatih's pizza! We also had our NSCI midterm! I hope it went well for everyone. 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.

## NEWS LETTER TOPICS



### WEEKLY RECAP

feeding behaviour



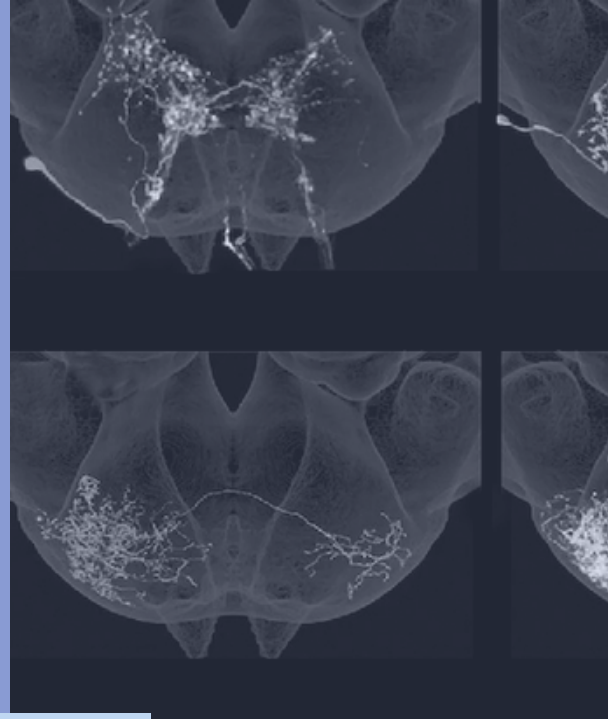
### UNDERGRADUATE LAB HIRING

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!



## FEEDING BEHAVIOUR

We started by learning about the various signalling molecules involved in becoming hungry or satiated. These circuits are pretty complex, and involve multiple areas of the hypothalamus. We also learned about how these areas of the hypothalamus can become damaged, leading to various eating disorders. Dr. Soma also introduced to us why some people naturally gain more weight than others (issues with leptin signalling). At UBC, there are a couple of labs that research eating disorders. I've listed them below. Some of these labs are looking to hire undergraduate students. Note - the B.R.A.I.N Lab has a current project, called MED1, that focuses on Binge Eating Disorder, but doesn't usually focus on eating disorders (to my understanding).



**UNDERGRADUATE  
LAB  
OPPORTUNITIES**



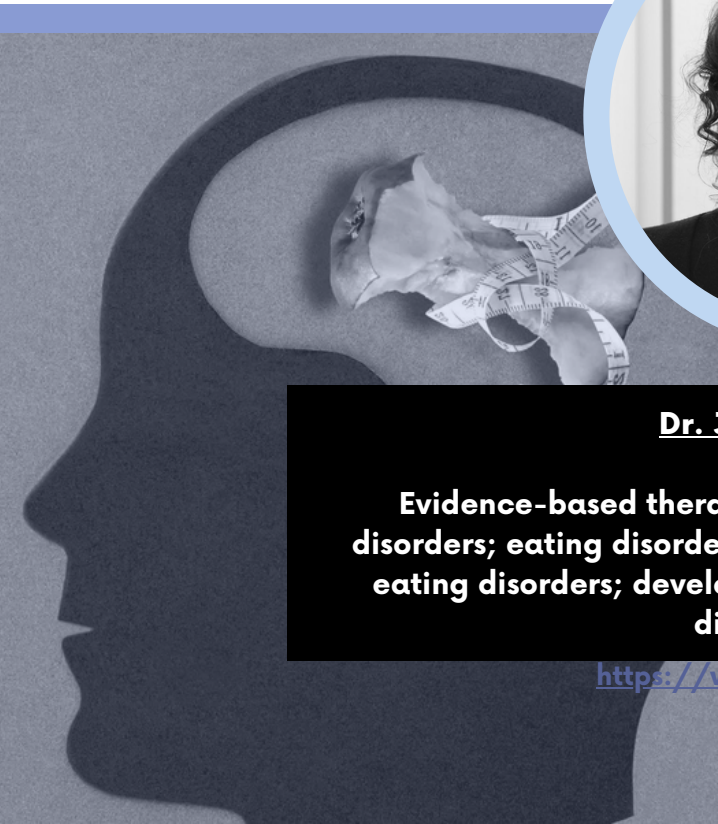
**B.R.A.I.N LAB**

**PI: Dr. Christian G. Schütz**

**(HAS SHOWN A HISTORY OF WORKING WITH UNDERGRADUATE STUDENTS)**

**Binge Eating Disorder; Relapse mechanisms; Impulse; Decision Making; Addiction and Concurrent Disorders; Stimulant Use Disorder; More.**

<https://brainlab.med.ubc.ca/people/>



**Dr. Jennifer Coelho**

**Evidence-based therapies in youth treatment of eating disorders; eating disorders; well-being of guardians in child's eating disorders; development and maintenance of eating disorders; OCD**

<https://www.bcchr.ca/jcoelho>

# Upcoming Events



## **Feb 14 - NURC Abstract Submissions Deadline Extended**

**TIME:  
END OF DAY**

### **SUBMISSION FORM:**

**[HTTPS://DOCS.GOOGLE.COM/FORMS/D/E/1FAIPQLSEFRS3LTXX6XKE6607Q-9WHBOYYFSOMOLUQ-V95T1BPWR5ICG/VIEWFORM](https://docs.google.com/forms/d/e/1FAIPQLSEFRS3LTXX6XKE6607Q-9WHBOYYFSOMOLUQ-V95T1BPWR5ICG/viewform)**



### **Description:**

**If you would like to have the amazing opportunity of presenting your research at the UBC Neuroscience Undergraduate Research Conference, then please submit your abstract to the link below by January 29! More info can be found through the link.**

## **Feb 14 - Psychostimulants with the Director**

**TIME:  
2:30PM - 3:30PM**

### **SUBMISSION FORM:**

**[HTTPS://DOCS.GOOGLE.COM/FORMS/D/E/1FAIPQLSEFRS3LTXX6XKE6607Q-9WHBOYYFSOMOLUQ-V95T1BPWR5ICG/VIEWFORM](https://docs.google.com/forms/d/e/1FAIPQLSEFRS3LTXX6XKE6607Q-9WHBOYYFSOMOLUQ-V95T1BPWR5ICG/viewform)**

# Upcoming Events



**Feb 17 -  
colloquium hosted  
by Dr. Lynn  
Raymond with  
speaker Dr.  
Rosemary Bagot of  
McGill University.**

**Time -  
11:00 am - 12:00 pm**

**Title -  
At the intersection of threat  
and reward in nucleus  
accumbens glutamatergic  
afferents**

**Venue:**

- 1. Rudy North Lecture  
Theatre, Djavad  
Mowafaghian Centre for  
Brain Health**
- 2. Zoom**
  - a. Meeting ID: 91512  
289258**
  - b. Passcode: 289258**

# 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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