



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.

It's almost summer time! For those of you looking to get involved in research in the summer, I suggest looking now. I've listed some labs below that hire undergraduate students. Have a good week!

NEWS LETTER TOPICS



WEEKLY RECAP

social behaviour, aggressive 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!

SOCIAL BEHAVIOUR

On a snowy Vancouver morning, we moved into learning about social behavior! We primarily looked at voles, and how different types of voles exhibit wildly different social behaviors! We then took a look at the various hormones and brain regions that account for the differences in social behavior seen in the voles.

The Social Health Lab at UBC is a perfect match for the social behavior paradigms that we learned in class. Dr. Frances Chen, the PI, explores the neuroendocrine system and how it regulates social behavior (exactly like we did!). She also has a history of taking on many undergraduate students. I've also added the Social Accuracy Lab, which looks at a different form of social behavior than the one we learned about in class, but I think many of you will find it interesting. Both of these labs are mentioned below.



**UNDERGRADUATE
OPPORTUNITIES**



SOCIAL HEALTH LAB, PI: Dr. Frances Chen

(HAS SHOWN A HISTORY OF WORKING WITH UNDERGRADUATE STUDENTS)

Social Relationships; Neuroendocrine System; Social Cognition; Oxytocin, Progesterone, Testosterone, Estradiol; Loneliness; Communication; Prosociality.

<https://chenlab.psych.ubc.ca/current-lab-members/>

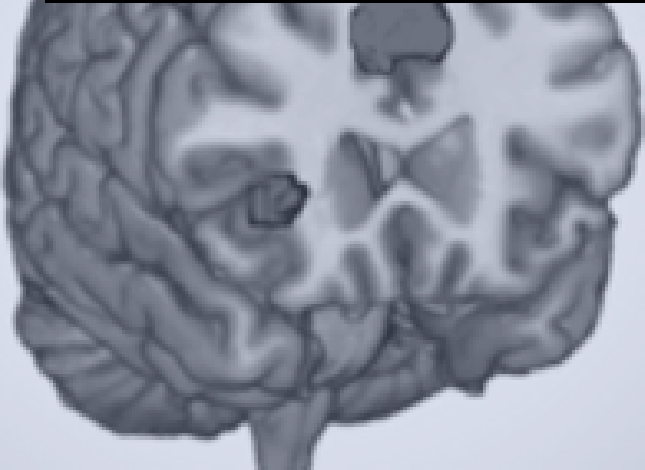


SOCIAL ACCURACY LAB PI: Dr. Jeremy Biesanz

(HAS SHOWN A HISTORY OF WORKING WITH UNDERGRADUATE STUDENTS)

Impressions of self; Impressions of others; social perceptions; quantitative methods in measure social behavior; social accuracy model; others.

<https://socialaccuracy.com/>



AGGRESSIVE BEHAVIOUR

Last week, we explored aggression. Dr. Soma showed us various studies that helped us understand the hormones and brain regions involved in aggressive behavior. One interesting aspect of the lecture was the interplay between serotonin levels and suicide in people with major depression. At UBC, the Personality, behavior, and emotion lab focuses on exploring emotions that predispose aggressive behaviors. In particular, they focus on suicidal/self-harm behaviors. Dr. Klonsky, the PI of this lab, has shown a significant history of working with undergraduates. However, he is not taking any new assistants right now, but if you show your interest and email him, he said he may keep you on file for when a position opens up in the future! So there's no harm in emailing.



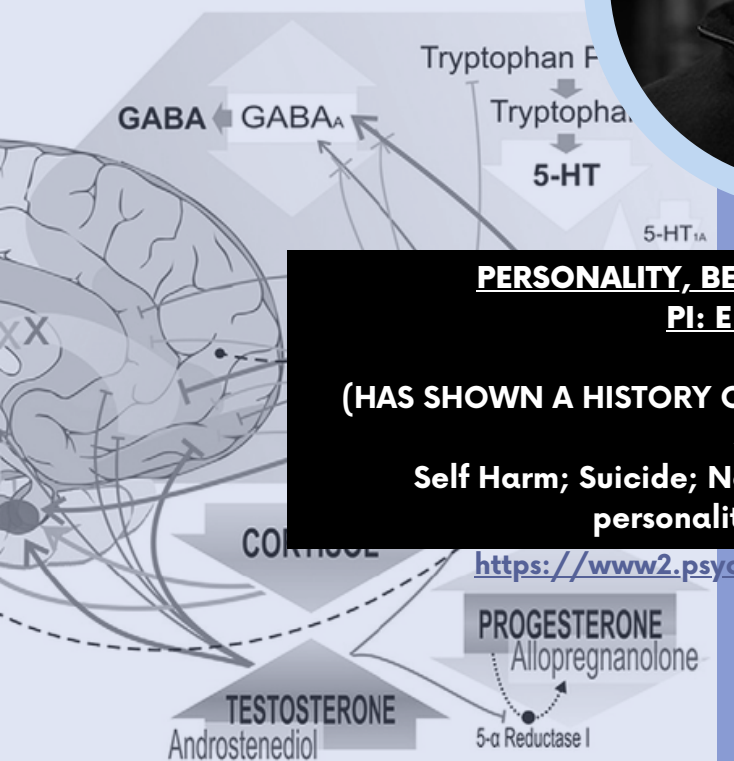
PERSONALITY, BEHAVIOR AND EMOTION LAB

PI: E. David Klonsky

(HAS SHOWN A HISTORY OF WORKING WITH UNDERGRADUATE STUDENTS)

Self Harm; Suicide; Non-suicidal self harm; borderline personality disorder; emotion.

<https://www2.psych.ubc.ca/~klonsky/home.html>



Upcoming Events



**March 17 -
colloquium
hosted by Dr.
Jason Snyder
with speaker Dr.
Michael Drew of
University of
Texas at Austin.**

**Title -
Hippocampal
mechanisms of fear
suppression and
relapse.**

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

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

Time: 2:30-3:30

**Sign up on
Canvas:**

**[https://canvas.ubc.ca
/appointment_groups
/14499](https://canvas.ubc.ca/appointment_groups/14499)**

**Tue Mar 21 -
Psychostimulants
with the Director**

**March 24 -
colloquium hosted
by Giulio Laino
Chiavegatti with
speaker Dr.
Kathleen Morrison
of West Virginia
University.**

**Title -
Role for chromatin remodeling
in the lifelong consequences of
pubertal adversity on the brain
and behavior..**

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

**Venue -
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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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