

Welcome to the Department of Chemistry and Biomolecular Sciences!

Friday September 11th, 2020

Hosted by:

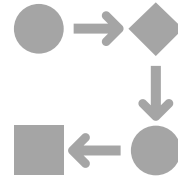
Dr. Deryn Fogg, Director of Graduate Studies
Chemistry and Biomolecular Science Graduate Student Association

Overview:



Dr. Fogg

Academic Requirements
Research Requirements
Stipend and Funding
Teaching Assistantships
Student Rights



CBGSA

What does the CBGSA do?
Who are your CBGSA?
Initiatives led by the CBGSA
How to get involved?



Both

Questions and Answers

Academic Requirements



Academic Requirements

MSc Stream

- 6 course units (most courses are 1.5 units)
- Seminar (CHM 8256)
- Thesis (THM 7999)

PhD Stream

- 6 course units
- Seminar (CHM 8257)
- Comprehensive exam within the first 12 months (CHM 9998)
- Research Proposal (CHM 8958)
- Thesis (THD 9999)

What If I Want To Fast-Track My PhD?

Requirements to Fast-Track

- All 6 course units completed with at least an A- in every class
- Good research progress
- Recommendation by supervisor and TAC
- Must transfer within 16 months

Requirements after Transfer

- 6 more course units (12 in total)
- Seminar (CHM 8257)
- Comprehensive Exam (CH 9998)
- Research Proposal (CHM 8958)
- Thesis (THD 9999)

Research Requirements



Thesis Advisory Committee (TAC)

MSc

- 2 full-time faculty members + supervisor
- considering / interested in “fast-tracking” to PhD program? discuss with your supervisor and committee
- Both: consult TAC throughout your degree. A complementary perspective and sounding board.

PhD

- 3 full-time faculty members + supervisor
 - 1 from Carleton U. where feasible
- consult TAC on expectations and content of comprehensive exam
- You can also consult your TAC in preparing the research proposal: crazy idea, scope needs tightening?

Comprehensive Exam (PhD)

- To confirm sufficient knowledge in your field
- Exam is given by the TAC
- Schedule within first 12 months of entry / transfer to PhD program
- discuss expectations with your supervisor and TAC
- you schedule the exam.

Two Parts:

1. 25-30 min seminar (topic varies from Org /Inorg-Phys / Bio)
2. Oral examination

Research Proposal (PhD)

- Different topic from thesis, must be novel
 - Pick something you're excited about and want to take a deep dive into.
- Format:
 - 6 pages, single-spaced
 - Intro: overview of the field and interest / need for knowledge
 - Objectives: short and long term. Why is YOUR approach important?
 - Required resources: equipment and personnel
- Must be submitted at least 1 month before thesis defense!
- Proposal Defense: usually 20 min presentation; followed by Q and A

Submitting and Defending your Thesis

Submission:

- 1 month before submission, propose your examiners:
 - MSc: 2 from uOttawa
 - PhD: 3 from uOttawa,* 1 external
- Submit thesis via Service Request on uoZone
- Make sure to check deadlines!

Defense:

- 15 min presentation of your research
- 2 rounds of questioning by examiners
- Examiners consult on final verdict

*1 from Carleton where feasible

Stipend, Funding, and Teaching Assistantships



Stipend and Funding

- Guaranteed for the duration of your degree (2 yrs MSc, 4 yrs PhD)
- Composed of TA, Research Assistantship (from your supervisor), and external funding (scholarships)
- Direct deposits are 15th and final day of each month
- See Appendix B of Grad Handbook for links to scholarships and grants

Teaching Assistantships (TA)

- Either a demonstrator (lab or leading discussion groups) or corrector
- Contracts represent units
 - 1 unit = 65 hrs for lab or DGD demonstrator positions; 90.5 as a corrector
 - 2 units = two 1-unit contracts or one 130 hr contract
- Typically you will be assigned 2 units each term after applying via the Human Resources website
- Make sure you track your hours! If expectations aren't reasonable, talk to the prof. But also: if you don't yet have much experience, check with your peers in case you need to get more efficient.
- Don't worry. That will happen, and they will have great advice.

Leaves of Absence & Student Rights



Leaves of Absence

- Statutory Holidays
- Family obligations
- Bereavement leave
- Court leave
- Illnesses and accidents
- Maternity/Parental leave

Student Rights

Zero tolerance for discrimination and harassment

- Prohibited grounds for discrimination include (not limited to)
 - age, race, ethnic origin, creed, colour, place of origin, ancestry, disability, citizenship, religious or political affiliation, sex, gender identity/expression, sexuality, family status
- Harassment includes (not limited to):
 - Sexual harassment
 - Workplace harassment
 - Harassment on prohibited grounds
 - Personal harassment

Bottom line? Your success is our success. We want to achieve great things together. Your training is a key part of that.



Chemistry and Biomolecular Science Graduate Student Association (CBGSA)



CBGSA

- Student-run organization led by an executive committee
- Works closely with department and graduate director to support graduate students in the Department Chemistry of Biomolecular Sciences through initiatives, events, workshops:
 - Coffee club
 - Social events
 - Mental health initiatives
 - Buddy program
 - CWIC



2020 CBGSA Executive Team

- **President:** Jacky Deng
- **Vice-President:** Myriam Carle
- **Treasurer:** Leah McMunn
- **Social Events Coordinator:** Connor Bourgonje
- **Communications Officer:** Dan Zheng
- **Social Club Coordinator:** Alisha Szozda
- **CUPE Representative:** Mariam Serhan
- **GSAED Representative:** Fred Nnamdi
- **Councillor:** Meredith Allen, Matt Elsby

Faculty of Science TA workshops



alisonflynn + 3 4h

Ateliers pour AEs | TA workshops

Développer des compétences dans des rôles d'assistants d'enseignement à la Faculté des sciences de l'uOttawa | Developing skills in roles as teaching assistants in the Faculty of Science at uOttawa

1. Welcome and core skills

Overview and registration

A description of each workshop, schedule, associated reading, and registration link.

Workshops for Teaching Assistants - Faculty of Science: Overview

Workshop	Topic	Facilitator	Registration Link
1. Welcome & core skills	Identify the various roles of a TA	Alison Flynn	https://forms.gle/...
2. Planning DGDs and lab tutorials	Develop a DGD or lab tutorial	Meredith Allen	https://forms.gle/...
3. Facilitating DGDs and lab tutorials	Facilitate a DGD or lab tutorial	Alisha Szozoa	https://forms.gle/...
4. Creating educational videos	Create an educational video	Alisha Szozoa	https://forms.gle/...

Contact Information: alisonflynn@uottawa.ca

Overview - TA workshops
PDF document
padlet drive

2. Planning DGDs and lab tutorials

Slides and notes (PDF)



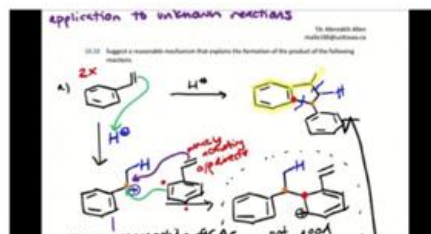
Workshop_2_Planning_DGDs_and_lab_t...
PDF document
padlet drive

Slides and notes (PPT)

Video examples and plans for DGDs, lab tutorials, or independent concepts

Example DGD - organic chem

Here's an example of a DGD, created by Meredith Allen, PhD candidate, chemistry



CHM 1321 DGD #11 recording.mp4
by Alisha Szozoa
google drive

3. Facilitating DGDs and lab tutorials

Slides and notes (PDF)

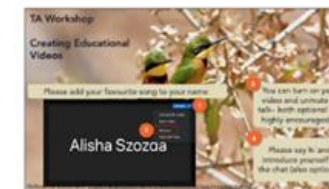


Workshop_3_Online_facilitation
PDF document
padlet drive

Slides and notes

4. Creating educational videos

Slides and notes (PDF)

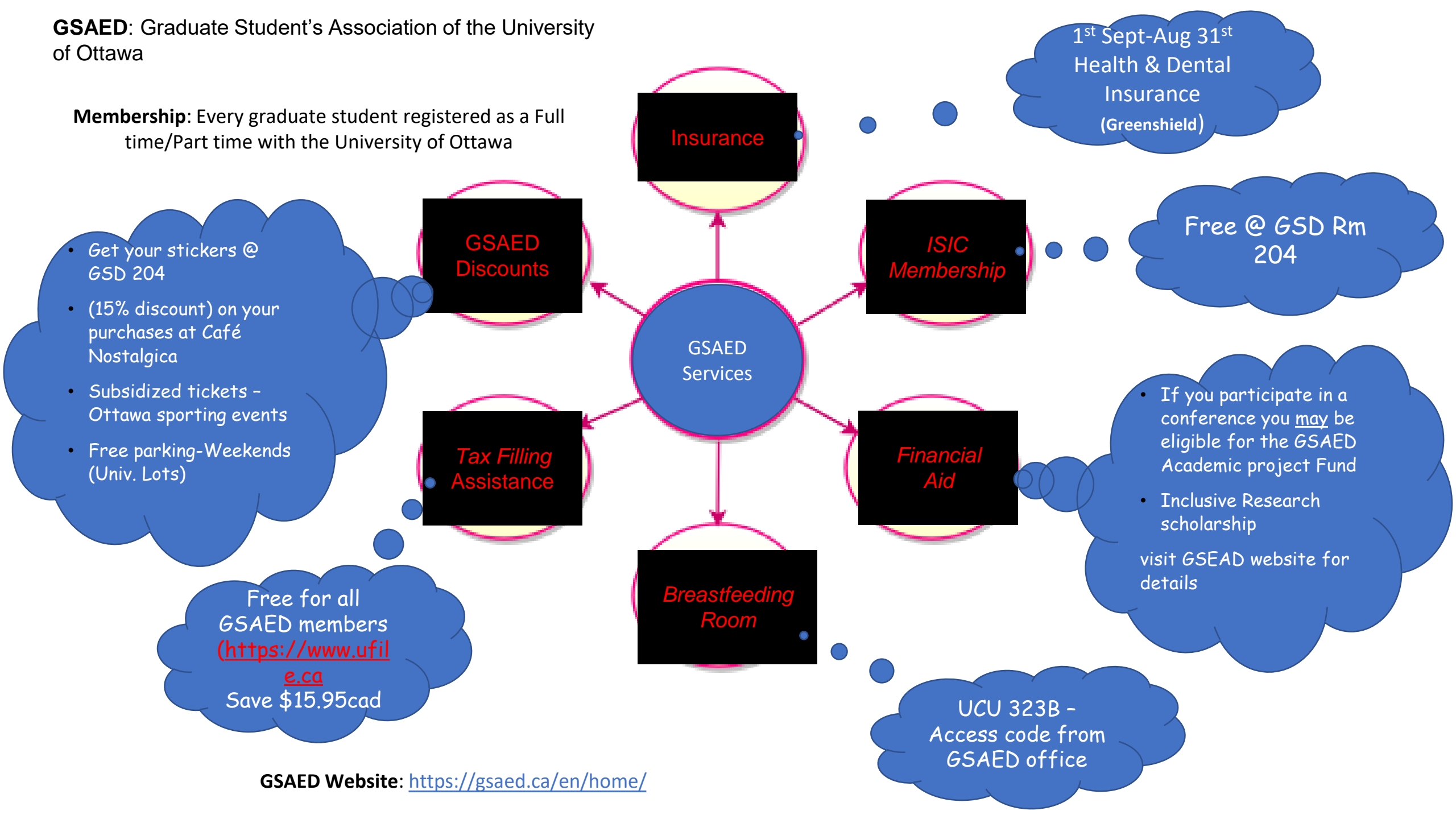


Workshop_4_Creating Educational Videos
PDF document
padlet drive

Slides and notes

GSAED: Graduate Student's Association of the University of Ottawa

Membership: Every graduate student registered as a Full time/Part time with the University of Ottawa



1st Sept-Aug 31st
Health & Dental
Insurance
(Greenshield)

Free @ GSD Rm
204

- Get your stickers @ GSD 204
- (15% discount) on your purchases at Café Nostalgica
- Subsidized tickets - Ottawa sporting events
- Free parking-Weekends (Univ. Lots)

Free for all
GSAED members
([https://www.ufil
e.ca](https://www.ufil.e.ca))
Save \$15.95cad

- If you participate in a conference you may be eligible for the GSAED Academic project Fund
 - Inclusive Research scholarship
- visit GSEAD website for details

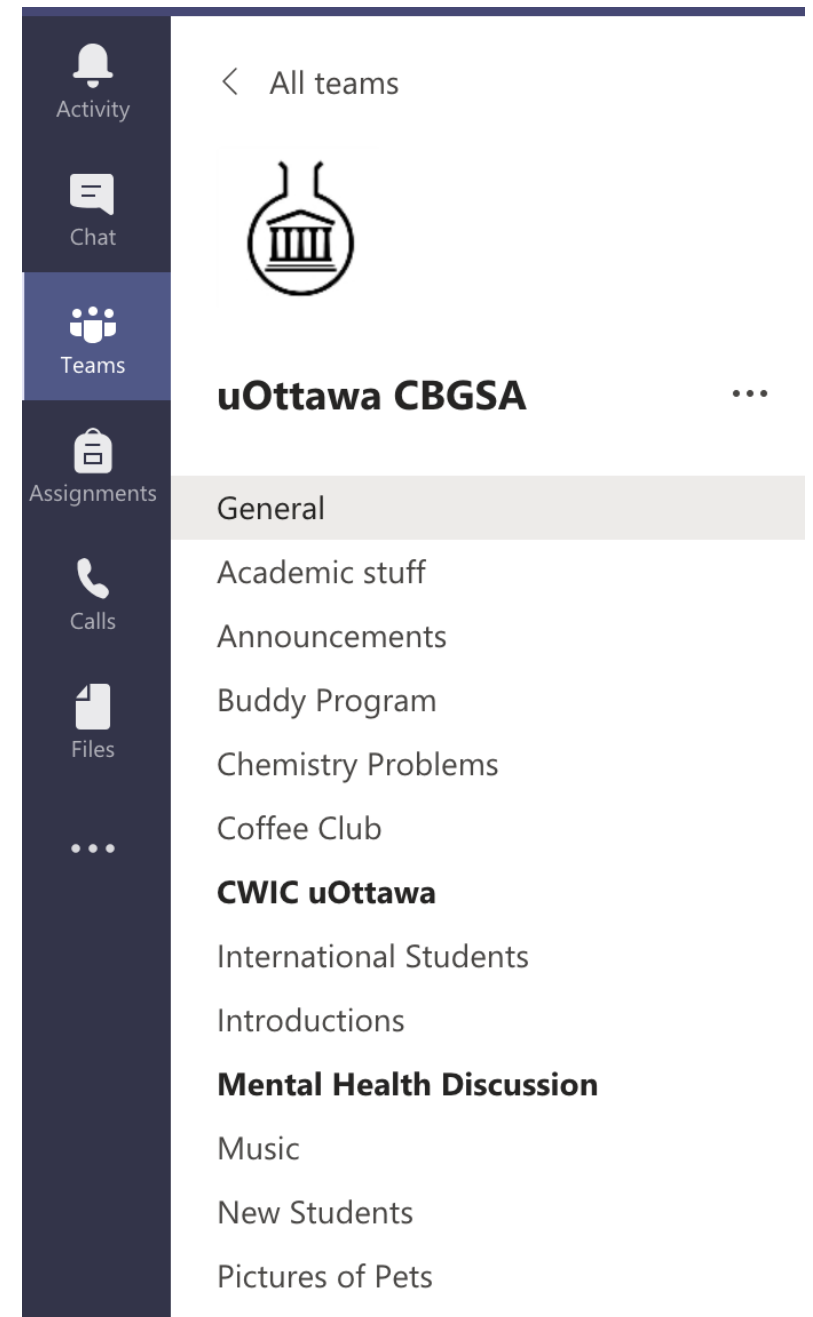
UCU 323B -
Access code from
GSAED office

Social club

- Get to know other fellow graduate students
- Everyone is welcome!
- We meet every other week on MS Teams: chat, play games, enjoy a beverage of choice

Join the **uOttawa CBGSA** MS team to connect with other graduate students offline and to join us at our biweekly social club!

Link: <https://bit.ly/2FmG2Ok>



The screenshot shows the Microsoft Teams interface for the 'uOttawa CBGSA' team. On the left is a dark navigation bar with icons for Activity, Chat, Teams (highlighted), Assignments, Calls, and Files. The main area shows a list of channels under the heading 'All teams'. The team name 'uOttawa CBGSA' is at the top, followed by a list of channels: General (highlighted), Academic stuff, Announcements, Buddy Program, Chemistry Problems, Coffee Club, CWIC uOttawa, International Students, Introductions, Mental Health Discussion, Music, New Students, and Pictures of Pets.

Social events

- In charge of organizing social events
- In previous years:
 - Fall and Winter CBGSA mixer
 - Summer BBQs
 - Pumpkin carving contest
- Most of these aren't possible due to COVID
 - Working on new events that are COVID safe
 - 1st event of the year is the scavenger hunt
 - Next event will be pumpkin carving
 - If you have any ideas, we'd love to hear them

2020 CBGSA SCAVENGER HUNT

IT IS TIME
The CBGSA invites *you* (and up to 9 others from your lab) to the assemble teams and go out on the town for a good ol' scavenger hunt.

MAY THE BEST LAB WIN



**PRIZES! MERCH! FAME!
AN EXCUSE TO NOT WORK!
This event has it all!**

It's simple:
1. We give you a list of photo-ops around Ottawa
2. You earn points for taking photos
3. You win prizes!

When? The contest begins whenever you wake up on Friday September 11 and ends at midnight.
How do you sign up? Shoot an email to the CBGSA with your team name and roster: uottawa.cgsa@gmail.com
Stay tuned for updates via email!

Mental Health Initiatives

Goal: Finding ways to help students with mental health issues

- Workshop on time management and stress
 - Late september/early october.
- List of resources



Check out our webpage for more information



The website has information on:

- Mental health issues in grad school
- Workshops for chem grads
- Resources
- Events

<https://uottawacgsa.wordpress.com/mental-health/>



Chemistry and Biomolecular Graduate Student Association

University of Ottawa



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PROGRAMS AND INITIATIVES ▼

USEFUL LINKS

CONTACT

Mental Health

If you are struggling with your mental health through grad school, you are not alone. A recent study completed at Harvard University showed that graduate students were three times more likely than the average person to suffer from poor mental health.¹ This page is dedicated to sharing resources, tips, and tools, that your fellow graduate students have found helpful in maintaining their mental health.

1. Barreira, P.; Basílico, M.; Bolotnyy, V. *Graduate Student Mental Health: Lessons from American Economics Departments*; 2018.

Remember you are not alone. Someone is always here to help. Should you be in a mental health crisis, please call emergency services.

24/7 Counseling: Good2Talk

Campus Security: 613 562

5411

City Crisis Line: 613 238 3311



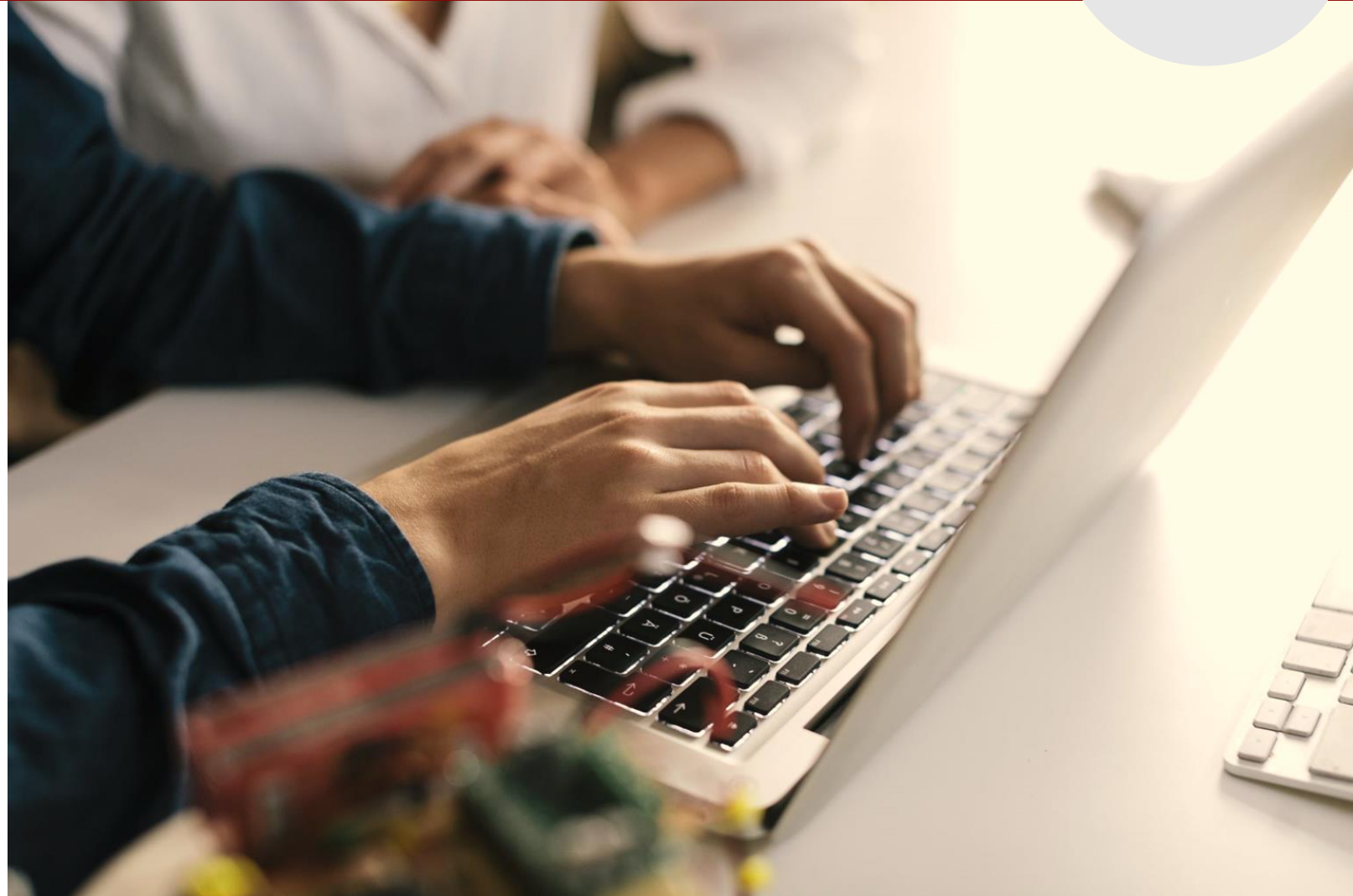
Graduate Student Buddy Program

CBGSA ORIENTATION SEPTEMBER
2020

What is the Buddy Program?



- **Brand new this year!**
- Mentorship program
- Matches junior students (honours thesis or graduate) with senior graduate student mentors
- Additional events (social and educational)



Junior Students



BUILD YOUR PEER
NETWORK



ASK QUESTIONS ABOUT
GRAD SCHOOL



GET ADVICE/SUPPORT TO
HELP YOU SUCCEED

Senior Students



BUILD YOUR PEER
NETWORK



GAIN LEADERSHIP SKILLS



HELP MAKE THE DEPT
MORE WELCOMING

Check out our webpage for more information

We will also have some online events *to be posted* on the website calendar:

- Workshops
- Alumni round table
- Social events

<https://uottawacgsa.wordpress.com/buddy-program/>



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Buddy Program

Beginning graduate school can be daunting, but being able to connect with someone that already knows some of the ins and outs can make it a little easier. The aim of the buddy program is to help new students get comfortable in the department and acquainted with fellow graduate students. Long-term, this program aims to build a strong peer network of uOttawa students past and present.

New to the department?

If you are looking for some general guidance

Want to be a mentor?

If you would like to meet and help new

Overview of the Buddy Program



Sign up online

(see flyers for QR code)



Fill out a questionnaire



Match with another student



Mentoring for one year (with exceptions)



Feedback to the program every term



1 **Email us at**
gradstudentbuddyprogram
@gmail.com

2 **Send us feedback on our**
webpage under “Have a
suggestion?”

3 **Approach us in the halls.**
We’d love to talk to you!
See Myriam, Leah or
Meredith

Have questions?

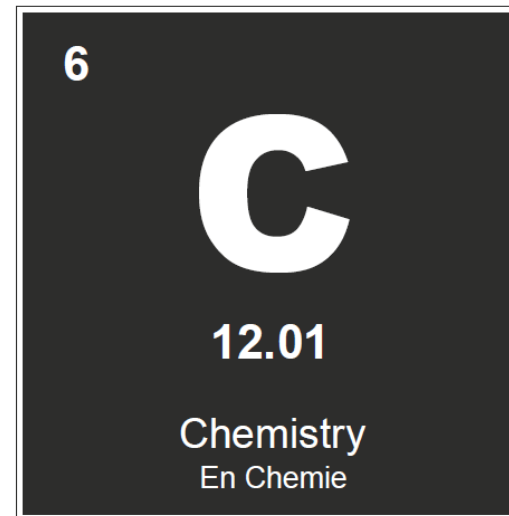
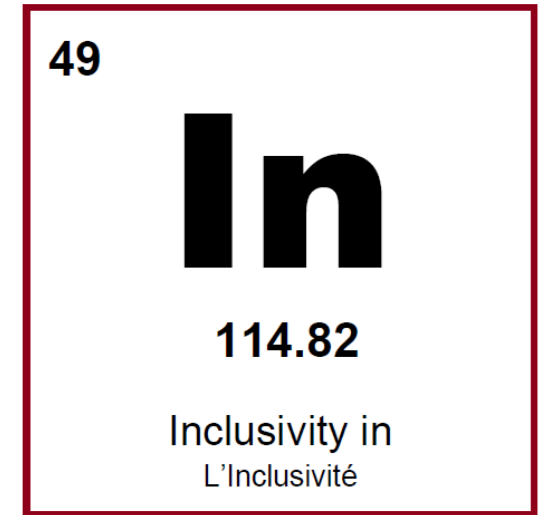
Please contact us



Working Towards Inclusivity in
Chemistry – uOttawa



CWIC
uOttawa



Who We Are

An official chapter of Canadians
Working for Inclusivity in Chemical
Sciences, Engineering, and
Technology

www.cwicnetwork.com

Our Goal

To promote equity, diversity, and inclusion (EDI) within the chemistry community at uOttawa and the broader STEM community as a whole.

What We Do

Our initiatives are just beginning,
but include:

- Inspiring Person of the Month
- Equity-Based Journal Club
- Guest Lecturer Series
- Community Outreach
- Resources

How We Help

Our website has several resources to help support you:

- Events from the CBGSA, GSAÉD, and more
- Statistics and news from the STEM community
- Links for anonymous support within uOttawa

Check Us Out!



- Website

- uottawacgsa.wordpress.com/cwic-uottawa/

- Twitter

- @CWIC_uOttawa

- Email

- cwic.uottawa@gmail.com



Chemistry and Biomolecular Graduate Student Association

University of Ottawa



HOME ABOUT US PROGRAMS AND INITIATIVES USEFUL LINKS CONTACT

Working Towards Inclusivity in Chemistry – uOttawa

We are a brand-new student-led organization aimed to promote equity, diversity, and inclusion (EDI) within the chemistry community at uOttawa, as well as within the broader STEM community as a whole.

As we expand we hope to bring a number of initiatives to the University of Ottawa community. These include guest lecturer series, community outreach, a journal club, and supporting community building – all through an EDI-focused lens.

We are a chapter of the national CWIC Network. Please visit their website (<https://cwicnetwork.com/>) for detailed information about the entire network and to find information about other chapters across Canada.



Check us out on twitter, or send us an email if you'd like to connect!



Our Objectives

Upcoming Events

Inspiring Person of the Month

Resources

Equity Journal Club

Statistics



Image credited to John Moqahan and Anne McNeil

To get involved and/or learn more:
uottawa.cgsa@gmail.com
uottawacgsa.wordpress.com

Volunteer with Let's Talk Science!

Fun, easy-to-present kits in science, math and engineering

Minimum commitment of 3 activities

Flexible schedule (virtual this year!)

Info sessions: Sept. 15th, 11:30am

Sept. 24th, 1:00pm

Email volunteers.letstalkscience@gmail.com for zoom links

let's talk
science

parlons
sciences

Thank you!

Questions?

