MATH GRADUATE ORIENTATION

This presentation will be recorded. Please have your microphones muted.

Thank you!
WELCOME AND INTRODUCTION TO THE FACULTY OF MATHEMATICS
BERTRAND GUENIN
Associate Dean, Mathematics Graduate Studies
AGENDA

Welcome and Introduction to the Faculty of Mathematics
- Bertrand Guenin, Associate Dean, Mathematics Graduate Studies
- Mark Giesbrecht, Dean, Mathematics
- Benoit Charbonneau, Associate Dean, Math Undergraduate Studies
- Martin Lysy, Associate Dean, Computing, MFCF (for non-CS students)

Student Associations and Services
- Sara Drisdelle, Elections Coordinator & Chief Returning Officer
- Nadine Fladd, English Language Teaching Associate, Writing Centre
- Jennifer Gillies, AccessAbility Services
- Rebecca Hutchinson, Math Librarian

Academic Integrity
- Amanda McKenzie, Director, Quality Assurance (Academic Programs)

Math Graduate Student Association
- Aiden Huffman, Chair

Safety Training
- Bertrand Guenin, Associate Dean, Mathematics Graduate Studies

Women in Math
- Ghazal Geshnizjani, Women in Mathematics Committee Chair
MARK GIESBRECHT

Dean, Faculty of Mathematics
MARTIN LYSY
Associate Dean, Computing, MFCF (for non-CS students)
COMPUTING AND SOFTWARE IN THE FACULTY OF MATHEMATICS
THREE ORGANIZATIONS

**IST (Information Systems & Technology):** Campus-wide IT e.g., email, firewall, Learn (course management system), Quest (student records), etc.

**MFCF (Math Faculty Computing Facility):** Servers and applications that support computing for the Faculty of Math except...

**CSCF (Computer Science Computing Facility):** Servers and applications for the Cheriton School of Computer Science.
SOFTWARE AVAILABLE

- Popular free software used in Math such as R, Python, and Julia are available on Math/CS servers.

- Waterloo has a campus-wide license for Overleaf, a tool for collaboratively editing LaTeX on the web.

- Microsoft Office365 is available from IST for download onto university-owned machines.

- Matlab and all toolboxes are available on Math/CS servers, and for the time being, may also be downloaded to your personal device.
  
  - To download Matlab, go to www.mathworks.com, select ‘Academia’, and fill out the form for the campus license.
COMPUTER SERVERS

- You can connect to Linux servers using ssh and Windows servers using a Remote Desktop connection.

- For Math students:
  - Servers are named linux.math.uwaterloo.ca and windows.math.uwaterloo.ca.
  - You also have access to specialty research servers e.g., GPU clusters.

- For CS students:
  - Similar servers are available in the CS-General and specialized computing environments.
FILE STORAGE

- Two options for remote file storage: Office365 OneDrive and Math/CS network drives.
- OneDrive storage (available from IST website) provides up to 5TB of storage.
- Using the Math/CS network drives requires installation of a VPN client (more on this later).
- CS grad students also have access to the Vault cloud filesystem.
Every grad student is given a Home network drive.

Your network drive is accessible from all on-campus servers.

It is also available on your personal device off-campus if you connect through the firewall with the VPN.

Math students:

- The server is called files.math.uwaterloo.ca; instructions for mounting it on both Windows and Mac are available from the MFCF website.

CS students:

- Refer to CSCF website on using the CS-GENERAL environment.

If your network connection is too slow to support interactive use of your network drive on your local device, you should connect long enough to manually make a local copy.
VPN CONNECTION

- To access network files and compute servers at Waterloo from off-campus, you must first install and run the AnyConnect VPN client.

- The VPN client will require two-factor authentication. Visit the IST website to sign up for 2FA.

- The AnyConnect VPN client is a partial VPN—only traffic with a uwaterloo destination is routed through it.
ALIBABA VPN

- Waterloo has licensed service on the Alibaba VPN for students in China whose Internet connection may be slowed down.
  - The Alibaba VPN may be used to connect to Waterloo educational resources such as LEARN.
  - It bypasses the normal gateways that connect China to the rest of the internet and instead uses gateways run by the Alibaba company.
  - It cannot connect YouTube, Google, and other websites that are usually not accessible in China.
  - Accessible sites are controlled by an allow-list. If you need to access a site for educational purposes not on the allow-list, please ask your professor or contact IST.
If you need IT assistance, open a ticket at rt.uwaterloo.ca.

- If the ticket pertains to IST (email, LEARN, etc.), use the “general” queue.
- If the ticket pertains to an MFCF service or CSCF service, use the MFCF or CSCF queue.

You can also request help by email:

- helpdesk@uwaterloo.ca for IST;
- mfcfhelp@uwaterloo.ca for MFCF, and
- cscfhelp@uwaterloo.ca for CSCF.

In these cases, the help-desk staff member will open a ticket for you.
GRADUATE STUDENT ASSOCIATION

Sara Drisdelle, Elections Coordinator & Chief Returning Officer
MISSION
We envision a University where the interests of graduate students are protected, and their voices are heard; where graduate students are able to realize themselves optimally free from social, financial, academic, environmental, and physiological barriers.

VISION
We serve the graduate students of the University of Waterloo with dedication and commitment to enhance the quality of their academic and social experience and promote their well-being.

VALUES
Transparency, Inclusivity, Integrity, Self-Improvement

Members (>5,500)
President
Vice-Presidents of Admin & Comms
Board of Directors (12 members)
Council (~50 members)
Management staff
SERVICES OFFERED BY GSA-UW

- POLITICAL REPRESENTATION ON & OFF CAMPUS
- GRT & ION TRANSIT UPASS
- LEGAL & TAX AID
- ACADEMIC SUPPORT
- STUDENT ADVISING & ADVOCACY
- EVENT FUNDING
- HEALTH & DENTAL PLANS (INCLUDING MENTAL HEALTH)
- GRADUATE HOUSE & EVENTS

gsauw.ca/services/
Who is covered?
Graduate students registered in full-time or part-time "regular" programs are automatically included in the Health and Dental plans.

Who isn’t covered?
Graduate students enrolled in a program classified as "online" or "distance education" are not eligible.

Can I opt out?
If you are covered by another plan, health and dental plan opt-out is available during the Change-of-Coverage Period.
The Graduate House is a not-for-profit business/service owned and operated by the GSA-UW.

Located in the original farmhouse on the south campus of the University of Waterloo.
POLITICAL POSITIONS

- Ensuring ethical academic, employment, and social policies for UWaterloo Graduate Students
- Mitigating barriers to pursuing graduate education in Ontario
- Encouraging the University of Waterloo and wider Region of Waterloo community to be leaders in sustainability
- Supporting student mental wellness

gsauw.ca/governance/politicalpositions/
A virtual community space centering the academic and social experience and needs of Black, Indigenous, People of Colour Graduate Students

Fostering Intergenerational Mentoring and Support (between Faculty and Students)

Peer to Peer support (between Graduate Students and Undergraduate Student-led equity seeking groups)

Professional Development

Safe space for BIPOC LGBTQ2+ students

Meets monthly for casual virtual socials

gsauw.ca/bipoc-graduate-student-collective/
GET INVOLVED
MAKE A DIFFERENCE!

gsauw.ca/getinvolved/
Employment Opportunities: Campus Partnerships, Community Development, Equity, International Students, Policy, Reporting, Student Engagement, Student Wellness, and more!
GSA COUNCIL

The GSA-UW Council is responsible for determining the official positions of the GSA related to academic and political representation of UWaterloo Grad Students. Council members are asked to:

- Attend monthly GSA Council meetings, review documents and vote on various social & political actions brought forth to the committee.
- Become aware of the UW policies, GSA structure, campus services and events, to better inform their peers of current and changing information.
- Attend infrequent events throughout the year (e.g., Town Halls, AGMs).

HOW TO APPLY FOR COUNCIL

Submit the Council Representation Nomination Form (found on GSA website).

The list of open positions and end-dates are on the GSA website, under “Councilor Members List”

gsauw.ca/governance/council/
DEPARTMENTAL GSA REPRESENTATIVES

The Departmental GSA (dGSA) is responsible for being the “link” between their department and the GSA-UW. DGSA reps are asked to:

• Engage in frequent communication with the UW-GSA, regarding various topics such as events, information, general inquiries, orientation, etc.
• Relay information received from the GSA to students.
• Attend GSA-UW meetings as needed, to discuss news and events.
• If a dGSA does not currently exist within the department, the nominated Councillor often serves as the dGSA representative.
• If interested, please e-mail: gsa-engagement@uwaterloo.ca to receive information on the position.

gsauw.ca/services/departmental-gsa-support/
DGSAS & CAMPUS-WIDE GSAS

Kinesiology (KGSA)
Recreation & Leisure Studies (GARLS)
School of Public Health & Health Systems (SPHHS-GSA)
English Language and Literature (SAGE)
French Studies (l’AEESF)
History (TUGSA)
Master of Peace and Conflict Studies
Philosophy (PGSA)
Political Science GSA (PSGSA)
Psychology (GASP)
Council of Graduates in Germanic and Slavic Studies (CoGS)
Architecture (SWAG)
Chemical Engineering (CEGSA)
Civil and Environmental Engineering (CE2GA)
Electrical & Computer Engineering (ECEGSA)
Mechanical and Mechatronics Engineering (MMEGA)
GEM, SERS, Global Governance, SEED (EGSA)
School of Planning (AGP)
Computer Science (CSGSA)
Biology (BGSA)
Chemistry (CGSS)
Earth and Environmental Sciences (ESGA)
Pharmacy (PhGA)
Vision Science (GIVS)

Waterloo Artificial Intelligence Institute (Waterloo.ai)*
UWaterloo African Graduate Student Association (UWAGSA)*
Partnering with: Indigenous Student Association

gsauw.ca/services/departmental-gsa-support/
The GSA Board of Directors is responsible for overseeing the corporate interests of the Graduate Student Association. This includes areas such as:

- Budget Changes & Approval
- Policy & Committee Reports / Reviews
- Strategy Planning
- Committees and Representation

- Directors must attend Board and Council meetings, sit on various committees and review important documents prior to meetings. Terms last one or two years (depending on position).
- If interested in becoming a Board Member, please e-mail gsa-engagement@uwaterloo.ca to receive further information on the application process.

gsauw.ca/governance/bod/
“I have grown and increased my interests in politics. Getting to advocate and stand for issues that are important to you and others can have a big impact. I learnt that it is important to be heard and seen. The moment you take action you find purpose in what you’re doing and it sparks passion. I would say diplomacy and negotiation skills is something I am still learning. It’s always good to hear different perspectives since there are things I would’ve never thought of on my own. At the same time, it is a great skill to learn how to stand up and speak about your thoughts and opinions. Really helps build self-confidence and to speak with conviction. Comradery is also something that I really appreciate. My time with the GSA is short but, the people do make a difference. When people offer to help out and show their kindness it is very warming to know that others care about you and how you can contribute to make this a better experience for current and future students.”

Jason Luong
Director
Organize UWaterloo

A grassroots campaign led by graduate students to unionize the academic workers at the University of Waterloo

organizeuw.org
Stay connected!

**Follow the GSA on social media:**
- Instagram: @gsa.uwaterloo
- Facebook: @gsauw
- Twitter: @GSA_UWaterloo
- YouTube: GSA-UW
- LinkedIn: Graduate Student Association-University of Waterloo

**Follow the Graduate House on social media:**
- Instagram: @the_graduate_house
- Facebook: @uwgradhouse
- Twitter: @UWGraduateHouse

website: www.gsauw.ca
THE WRITING AND COMMUNICATION CENTRE

Nadine Fladd
Manager, Graduate Student and Postdoctoral Fellow Programs
AN INTRODUCTION TO THE WRITING AND COMMUNICATION CENTRE

Nadine Fladd
Manager, Graduate Student and Postdoctoral Fellow Programs
nadine.fladd@uwaterloo.ca
A HUB OF COMMUNICATION PRACTICE AND SUPPORT

writing centre

What can we work with you on?

✓ Communicating in any discipline
✓ Understanding your assignment
✓ Starting to write or getting unstuck
✓ Synthesizing and integrating research
✓ Understanding academic integrity practices
✓ Integrating visuals or designing posters
✓ Organizing your paper or report
✓ Designing and writing in digital environments
✓ Designing and delivering presentations
✓ Helping you to learn how to revise and edit

Our digital services include:

✓ Virtual one-on-one and group appointments
✓ Online interactive workshops
✓ Virtual writing cafés
✓ Online resources
✓ English practice community
✓ Programs for Masters and PhD students such as:
  • Online Dissertation Boot Camp
  • Speak Like a Scholar
  • Rock Your Thesis
  • And more!

www.uwaterloo.ca/wcc

To access appointment, resource, or workshop information, click the buttons above.
Services for Graduate Students

- **VIRTUAL**
  - Appointments

- **ASYNCHRONOUS**
  - Workshops

- **ONLINE**
  - Learning Resources

- **ENGLISH**
  - Conversation Circles

- **JOIN THE**
  - Virtual Writing Café

- **WRITE WITH US AT**
  - #WaterlooWrites

- **MAKE PROGRESS AT**
  - Dissertation Boot Camp

- **LEARN TO**
  - Speak like a Scholar

- **HOW TO**
  - Rock your Thesis
ACCESSABILITY SERVICES

Jennifer Gillies, Associate Director
ACCESSABILITY SERVICES FOR GRADUATE STUDENTS

Jennifer Gillies, PhD
Associate Director, AccessAbility Services
ABOUT ACCESSABILITY SERVICES

- AccessAbility Services (AAS) is the University’s centralized office for managing academic accommodations for all students with disabilities/disabling conditions.
  - Full time or part time graduate students
  - Academic or co-op/placement terms
- AAS supports students with all disabilities and disabling conditions (Temporary, permanent, chronic, & episodic disabilities)
  - Temporary, permanent, chronic, & episodic disabilities
    - Physical disability
    - Learning disability
    - Sensory disability (low vision, hard of hearing)
    - Medical conditions
    - Mental health disability
    - Trauma (sexual violence, racial violence)
Can graduate students receive accommodations?

Yes!

- Graduate students with disabilities may be eligible for academic accommodations for all graduate courses, milestones (non-course degree requirements) and activities, such as researching and writing your thesis, preparing for and writing your comprehensive exam, delivering your oral defense, and more.

- Your accommodation plan will be tailored specifically to you and to each course, milestone, or activity to ensure you receive the right accommodation at the right time.

- You will be in control of determining when you would like to use one of your eligible accommodations, and who will be informed of the need for an accommodation.
What supports are available for graduate students who require accommodations?

- Graduate students often require learning strategy and assistive educational technology support, which are offered via online workshops, 1:1 support, and through a new AccessAbility Services LEARN Course offered in LEARN.

- The LEARN course includes a Graduate Student Resource Module:
  - Identifying an effective methodology to engage in the research process
  - Developing your organization, long-range planning and time management skills
  - Improving your writing skills with greater effect
  - Learning strategies that promote confidence in the preparation and delivery of presentations
GRADUATE STUDENT ACCOMMODATION SUPPORT

What supports are available for graduate students who require accommodations?

• AAS can provide you with support for...
  ➢ Designing and facilitating academic accommodation plans
  ➢ Managing accommodation disputes
  ➢ Supporting medical leaves (both the process as well as your return to studies)
  ➢ Creating alternative format production of course materials
  ➢ Assistive technology assessments/demonstrations
  ➢ Note-taking service
  ➢ Peer-Mentorship Transition Program
  ➢ Reviewing documentation for petitions/grievances
How do I know if I am eligible for accommodations?

- Register with AAS by completing our online application. You can register even if you do not have documentation supporting your disability - we will walk you through next steps and explore an interim accommodations.

- Once your supporting medical documentation has been reviewed, you will be invited to attend a graduate student registration appointment, where you will meet with your Accommodation Consultant to discuss your eligibility for accommodations.

- You will meet with your Accommodation Consultant to design an accommodation plan for each activity requiring an accommodation and together we will work with your academic unit to finalize the plan, ensuring it meets all essential requirements.
THE LIBRARY

Rebecca Hutchinson, Math Librarian
MATH GRADS & THE LIBRARY

Rebecca Hutchinson, Math Librarian

For Applied Math, Combinatorics & Optimization, Computer Science, Pure Math, and Statistics & Actuarial Science
DAVIS CENTRE LIBRARY

- Math Library open September 8! 9am - 11 pm, Monday - Friday
- Public health guidelines in place
- Library Service Desk
- Computers, printing
- Print book pick-up
- IST Help Desk
- Study space
MORE THAN A BUILDING

- Access to online journals, articles, conference papers, and books
- Virtual research support
- Mailing physical books (within Canada)
Mathematics research databases

Find mathematical research and papers using these research databases.

- **MathSciNet**
  Articles in mathematics, computer science, statistics, and econometrics, as well as applications to science and engineering. 
  **Coverage:** 1940 - present
  [more...]

- **zbMATH Open**
  zbMATH Open (formerly known as Zentralblatt MATH) indexes research in pure and applied mathematics. 
  [more...]

- **Jahrbiuch Project: ERAM**
  Digital archive of the most important mathematical publications of the period 1868-1942. 
  **Coverage:** 1868 to 1942
  [more...]

- **HAL: Hyper Articles en Ligne**
  "HAL is a multidisciplinary open access archive for the deposit and dissemination of scientific research papers, whether they are published or not, and for PhD dissertations. The documents may come from teaching and research institutions in France or abroad, or from public or private research centers."
  These database have research and papers relating to more specific areas within mathematics.

- **Cryptology ePrint Archive**
  "The Cryptology ePrint Archive provides rapid access to recent research in cryptology. Papers have been placed here by the authors and did not undergo the refereeing process. Other than verifying that the paper appears to be legitimate, the editor has not provided any endorsement."

Multidisciplinary research databases

Not sure where to start? The databases below cover many disciplines including math, business, economics, health, life science, physical science, and technology.

- **arXiv**
  A pre-print server which hosts papers relating to physics, mathematics, computer science, nonlinear sciences, qualitative biology and statistics.  
  **Coverage:** 1991 - present
  [more...]

- **Google Scholar**
  Google Scholar is a search engine finds scholarly information from many sources (however, not everything in Google Scholar is scholarly). To access materials paid for by your library, go to Google Scholar, then choose Settings and click “Library Links” to add the University of Waterloo. 
  [more...]

- **Web of Science**
  Articles and citations in the sciences, social sciences, arts, and humanities. 
  **Coverage:** Varies
  [more...]

- **Scopus**
  Peer-reviewed literature from scientific journals, books and conference proceedings, covering the fields of science, technology, medicine, social sciences, and arts and humanities. 
  **Coverage:** 1866 - present
  [more...]

- **JSTOR**
  Provides access to back issues of journals in the humanities, social sciences, and physical sciences, many of which date from the 1800s. 
  **Coverage:** varies (excludes current 3 to 5 years)

- **ProQuest**
  A platform with many databases of journal indexes and abstracts, as well as some full text.
PERSONALIZED RESEARCH SUPPORT

- Copyright questions
- Publishing questions
- Searching the literature
- Managing research data
- Tracking scientific impact
- Citing and citation software
GET STARTED!

Library Website
Math Research Guide
Computer Science Research Guide

Email r3hutchi@uwaterloo.ca for personalized research support
ACADEMIC INTEGRITY

Amanda McKenzie
Director, Quality Assurance (Academic Programs)
The road to success is paved with integrity.

Amanda McKenzie
Office of Academic Integrity
ACADEMIC INTEGRITY

- At the University of Waterloo, academic integrity is a commitment to six values: honesty, trust, fairness, respect, responsibility, and courage

- What are some examples of academic integrity?
  - Citing other people’s words and ideas in your research
  - Not working with peers on assignments that are supposed to be completed independently
  - Not using unauthorized aids (e.g., the internet, a cheat sheet) during an exam
With the shift to online learning, academic integrity continues to be extremely important.

Although most learning and assessments are taking place online, it is still important to still follow your instructor’s rules and maintain their trust.

The Office of Academic Integrity and others on campus are here to support you remotely!
UNIVERSITY OF WATERLOO’S POLICY ON ACADEMIC INTEGRITY

Policy 71

- Sets out expectations for academic and non-academic behaviour
- Lists various offences
- Explains the disciplinary process
- Describes potential penalties

What do I do if I suspect academic misconduct?

“Any member of the University who has reason to believe that an academic offence has been committed by a student has a responsibility to report the matter promptly to the instructor of the course or to the associate dean of the faculty sponsoring the activity...”
AVOIDING UNAUTHORIZED COLLABORATION

What does unauthorized collaboration look like?

• Students working together to complete an assignment, in part or in whole, when the instructor said to work alone

• Tutors, editors, or friends completing or re-doing assignment responses for students

For example:

• The instructor gives the students an assignment and asks them to complete it independently. The students meet to work together on the assignment.

• A student is frustrated while completing an assignment. A friend or a tutor gives the student some answers.
AVOIDING UNAUTHORIZED COLLABORATION

How to avoid unauthorized collaboration:

- Peers are great resources for discussing/help understanding challenging course concepts. However, on assessments, students should always work alone, unless the instructor specifically permits group work.

- If you are unclear about the level or group work permissible, ask instructor before collaborating.

- Tutors, editors, or friends should not be completing parts of student responses or re-doing their work for them. Make sure to establish boundaries on what is and is not acceptable if someone is proof-reading your work.
RESOURCES FOR WORKING WITH OTHERS

- Reviewing Written Work – guidelines on the ethical editing of graduate student work
- Group work – resources to help your group stay on track and maintain academic integrity
AVOIDING PLAGIARISM

What does plagiarism look like?

• Using someone else’s work, data, research, etc., in part or in whole, without proper acknowledgement

• Re-submitting work without permission or acknowledgement

For example:

• A student forgets their assignment is due tomorrow. They copy their friend’s assignment from last year.

• A student misses writing down their sources when they’re taking notes. As a result, they do not give credit to their sources while writing their essay.

• A student re-uses an assignment from another course without permission from their instructor, and without citing themselves.
AVOID PLAGIARISM

How to avoid Plagiarism violations:
• Always cite others’ ideas, words, images, code, data, etc.
• Take detailed notes when doing research so that you are able to easily and accurately track your sources
• Use citation management software (i.e., Refworks) for your assignments/research, or iThenticate for original research
• Never re-submit a partial or whole assignment without explicit permission from the instructor

Source: Mark Airs/iStockphoto
OTHER CITING RESOURCES

• Citation / Style Guides | University of Waterloo Library (uwaterloo.ca)

• Contact your liaison librarian or view your program’s subject guide which includes links to relevant citation guides, research databases, and your librarian’s contact information
OTHER SUPPORTS FOR INTEGRATING EVIDENCE AND CITATIONS

Struggling with paraphrasing, integrating evidence, and citing your work?

- Take the online workshop Paraphrase and Summary for Graduate Students
- Book an appointment with the Writing and Communication Centre (WCC) – they will help you paraphrase and cite like a pro!
- Review WCC resources such as: Integrating Evidence Effectively, Citations, Proofreading
What does cheating look like?

- Doing anything that gives you an unfair advantage over others

For example

- The use or intent to use an unauthorized aid
- Accessing exams/solutions without permission
- Contract cheating

To avoid cheating violations:

- Talk to the instructor if feeling overwhelmed in advance of the deadline or exam date
- Leave plenty of time to complete assignments
- Do not engage in dishonest behavior
AVOIDING IP VIOLATIONS

What does an IP violation look like?

- Courses have content that is the Intellectual Property of their instructor and/or the University of Waterloo (e.g. assignments, tests, solutions, ppts.)

- Students may violate IP for sharing course materials beyond the classroom

For example:

- Uploading course materials (e.g. assignments, tests) to a note-sharing platform or other websites

- A tutor using course content in third-party organizations
IP VIOLATIONS

Why might a student violate IP?

• In exchange for money/notes

• To help other students

• Not aware of UW policy on posting materials online, or using them in a third-party setting

To avoid IP violations:

• Do not upload or use course content beyond the classroom without explicit permission from the instructor
AVOIDING FALSIFICATION AND FABRICATION

Examples

• Making up research or altering results
• Citing something that doesn’t exist
• Altering official documents (e.g. transcripts, degrees, verification of illness forms)
• Making up documents (e.g. a reference letter) or experience (e.g. skills for a job interview)

Avoid issues by:

• Being truthful
• Talking to your instructor if you’re struggling
• Leaving plenty of time to complete assignments/getting the right documents in
REMEMBER TO...

• Work alone on assessments, unless permitted by your instructor

• Use citations anytime you use other’s work/ideas, and utilize resources for help (e.g., Library Citation Guides, RefWorks, iThenticate)

• Don’t share course materials beyond the classroom without permission from your instructor

• Don’t engage in dishonest behaviour (e.g., asking others online to complete your work for you, using unauthorized aids during exams)

• Leave plenty of time to complete your work, and ask for help when you need it
Unsure? It’s okay to ask!

Your instructor/supervisor is the best place to start.
MATH GRADUATE STUDENT ASSOCIATION

Aiden Huffman, Chair
MATH GRADUATE
STUDENT ASSOCIATION

Aiden Huffman, Chair
WHO ARE WE?

- Founded in 2016
- Represent the graduate students of the Faculty of Mathematics in the Faculty and in the broader University Community
- Promote an interdisciplinary culture of social and intellectual interaction among students within the faculty.
- Coordinate events and activities that will benefit our members
SOME OF OUR PAST EVENTS

Workshops and Professional Development:
- Sexism Response Workshop
- Mental Health Training
- Alumni Panel

Social Events:
- Boardgame nights (Fridays)
- Drinks (Wednesdays)
- Welcome Back BBQ?

Representation:
- Mental health training
- Department and community issues
- Program development and initiatives
CURRENT BOARD MEMBERS

Executives
- Chair: Aiden Huffman
- Treasurer: Nathan King
- Secretary: Ben Anderson-Sackaney
- Event Coordinator: Kevin Siu
- Publicity Officer: Ali Cheeseman

Departmental Directors
- Applied Math: Avneet Kaur
- C&O: VACANT
- Computer Science: Christopher Bobotsis
- Computational Math: VACANT
- Data Science and AI: VACANT
- Pure Math: John Sawatsky
- Stats & AS: Alexandra Mossman
CONNECT WITH US

Email: mathgsa@uwaterloo.ca

We’re on social media!

Facebook: www.facebook.com/UWMathGSA

Instagram: @uwmathgsa

Check your inbox, we send updates to the math-grad mailing list!
KEEPING SAFE

Bertrand Guenin, Associate Dean, Graduate Studies
COVID-19
Everyone in the University of Waterloo community, must provide proof of vaccination before coming to campus.

Unvaccinated?

- Provide proof of being fully vaccinated no later than October 17, 2021.
- Participate in the rapid testing program if coming to campus before that date.

Possible exemption for medical or protected human rights grounds.
General guidelines:

- Stay home if you are sick

- Check in. Complete a daily self-assessment via the Campus Check-in.

- Practice physical distancing by staying 2 metres away from others whenever possible (distancing rules are relaxed in classrooms, teaching labs and libraries).

- Face coverings are required in common use areas of University buildings (lobbies, washrooms, elevators, classrooms, teaching laboratories and meeting rooms).

- Wash your hands thoroughly and often using soap and running water or sanitize your hands with an alcohol-based hand rub.
MANDATORY TRAINING
MANDATORY TRAINING FOR GRADUATE STUDENTS

Why?

As a graduate student, if you work as a TA or RA you are also considered an *employee* at the University of Waterloo.

- For this reason, you must complete 3 mandatory online modules.
- Completing these online training sessions is *parts of your graduate duties.*
- It should take you at most 3 hours.
MANDATORY TRAINING FOR GRADUATE STUDENTS

How to register?

1. Go to the LEARN home page.
2. Login using your University of Waterloo nexus username and password
3. Click the “Self Registration” link at top of page
4. Select the course name from the list
EMPLOYEE SAFETY ORIENTATION  (All UWaterloo employee)

- Workers rights.
- Your role and responsibilities.
- What to do if there is an accident.
- Emergency procedures.

https://uwaterloo.ca/safety-office/training/employee-safety-orientation
WORKPLACE VIOLENCE AWARENESS  (All UWaterloo employee)

- Provincial legislations.
- University of Waterloo’s Workplace Violence Prevention Program.
- Types and sources of workplace violence.
- Preventative measures.
- Learn what to do if you experience or witness violent behaviours.

https://uwaterloo.ca/safety-office/training/workplace-violence-awareness
WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEMS TRAINING

(All UWaterloo employee)

Ensure people working with hazardous materials on the job have proper training to protect their health and safety.

• Learn the hazards associated with WHMIS-regulated products.
• Understand the hazard classes and symbols.
• Purpose, content and function of Safety Data Sheets.
• Legal rights and duties.

Ontario human right code mandates that every member of the university community has solid understanding of their rights and responsibility when it comes to preventing harassment and discrimination.

- Provincial legislations
- University policies (Policy 33)
- Discrimination, Harassment, Sexual Harassment, Poisoned environment
- Duty to respond
CONFLICT MANAGEMENT & HUMAN RIGHTS OFFICE (CMHRO)

(TA Training)

You are expected to uphold values of equality and respect for individual differences.

• Complete module and quiz by end of first term.

• Instructions: check the Teaching Assistant Manual.

https://uwaterloo.ca/human-rights-equity-inclusion/cmahro
RECORD KEEPING

- Verify whether you have completed your employee safety training, by signing into Workday and using your UWaterloo email and password.

- Access your training history through the application called “Learning”.
ADDITIONAL RESOURCES
ADDITIONAL RESOURCES:

The Teaching Assistant Manual:

https://uwaterloo.ca/math/current-graduate-students/mathematics-graduate-teaching-assistant/teaching-assistant-manual

Faculty of Math information:

https://uwaterloo.ca/math/current-graduate-students

Graduate Student and Postdoctoral Affair (GSPA) information:

https://uwaterloo.ca/graduate-studies-postdoctoral-affairs/current-students

Have a question:

Ask

- Your advisor
- Graduate chair, director
- Math Graduate Office (in that order)
WOMEN IN MATHEMATICS

Ghazal Geshnizjani, Women in Math Committee Chair
WOMEN IN MATHEMATICS (WiM) COMMITTEE

Supports and advocates for women in the faculty. Our goal is to create a culture that is female friendly. The committee promotes a culture that is friendly to all underrepresented members and strives for all genders to be well-represented in mathematics. Many of WiM’s events are open to all genders.

Some of WiM activities:

- WiM Faculty Lunch and Chat (peer mentoring events for WiM faculty members)
- Lean in Circles (peer mentoring events for WiM students)
- Networking events
- Soft skills workshops
- Research talks
- Informing WiM members about career opportunities
JOIN US

Save the date for our upcoming event:

WiM Virtual Welcome Event
September 16 | 4 p.m. – 5 p.m. EDT

- Welcoming our new female students, post docs, and faculty.
- Get to know other women in Faculty of Mathematics and build your connections in a virtual meet up.

RSVP for the event.

Stay in touch

Subscribe to our mailing lists

Like us on Facebook @WiMUWaterloo

Follow us on Twitter @WaterlooWIM

Find out more on our website: uwaterloo.ca/wim
THANK YOU FOR ATTENDING THE FALL 2021 MATH GRADUATE ORIENTATION