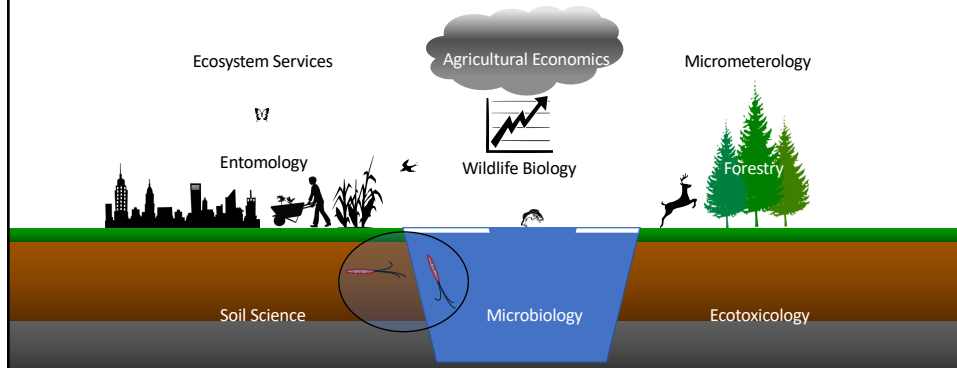


Orientation 2019

Department of Natural Resource Sciences



<https://www.mcgill.ca/nrs/>

Safety

<https://www.mcgill.ca/nrs/graduate-students/laboratory-safety>

Departmental Safety Committee

- Oversee implementation of departmental health and safety requirements
- Ensure that policies and procedures are effectively communicated to members of the department
- Receive and evaluate concerns, queries and complaints related to occupational health and safety issues from members of the department
- Receive and review reports of accidents, incidents, or occupational diseases in the Department and to recommend corrective measures
- Facilitate the process of pro-active hazard identification by way of regular workplace inspections and reviews of safety procedures
- Members
 - Brian Driscoll, Dept. Chair: brian.driscoll@mcgill.ca
 - Cynthia Kallenbach: cynthia.kallenbach@mcgill.ca
 - Sebastien Faucher: sebastien.faucher2@mcgill.ca, 7886, MS3-034
 - David Meek, radiation safety officer: david.meek@mcgill.ca
 - Khosro Mousavi, khosro.mousavi@mcgill.ca
 - Joseph Saoud, student representative: joseph.saoud@mail.mcgill.ca, MS3-050

Responsibility in the lab/field

- Accidents have happened!
- Nobody can foresee when accidents occur.
 - Identify the risks.
 - Manage the risks.
- Who is responsible for your safety?
YOU!
...and the highest person who knew of the problem, but did nothing to resolve it.



Safety Begins with You

- It is your responsibility to conduct experiments safely
 - Listen to your supervisor advice
 - Read the McGill Laboratory Safety Manual (<https://www.mcgill.ca/ehs/laboratory/lab-safety-manual>)
 - Take responsibility for your safety
 - Be conscious of the safety of others
 - Get involved: report potential hazards

Safety Begins with You

- EVERY graduate student doing laboratory research has to:
 - 1) Attend and pass WHMIS, and *keep it updated!*
 - 2) Register in *myLab* – that's where to find MSDS (josee.sansoucy@mcgill.ca)
 - 3) Take all required safety courses – as determined by your supervisor
 - 4) Complete NRS Safety Checklist with your supervisor
 - 5) Report accidents and injuries within 24 hours using the accident and incident reporting <http://www.mcgill.ca/ehs/forms/forms/accident-and-incident-report>
 - fill report form with direct supervisor, send copy to EHS and brian.driscoll@mcgill.ca

Safety Training

- Laboratory safety requirements at McGill (12 min video):
<https://www.mcgill.ca/ehs/training/gradstudentlabsafetyvideo>
- Training courses: <http://www.mcgill.ca/ehs/training>
- Handling hazardous materials?
 - WHMIS (mandatory)
 - Hazardous waste management
- Handling biohazardous materials (blood, pathogens, etc)?
 - Introduction to biosafety
 - Safe use of biological safety cabinet
- Handling radioisotopes?
 - Laboratory radiation safety
- First Aid in the Workplace

Safety tips

- Wear lab coat in lab.
- No eating, no drinking in lab.
- Wear closed shoes in lab.
- Undergraduate students should **never** work alone in lab. Graduate students should refrain from working alone in lab.
- Know the location of:
 - Safety shower
 - Eyewash
 - Fire Extinguishers
 - Spill kit

Emergency Telephone Numbers

Situations requiring immediate internal assistance

Call **McGill (Macdonald Campus) Security: 514-398-7777**

- Chemical spills
- Flooding
- If you use a fire extinguisher
- Any other reason you would want a security officer present

Emergencies requiring immediate external assistance

Call **911** then call **McGill Security: 514-398-7777**

- Montreal Police
- Montreal Fire Department **Report all incidents to your supervisor**
- Ambulance Service

Emergency services will need to be escorted by McGill Security.
Therefore, if you ever call 911, call McGill Security afterward.