Pharmacology Undergraduate Orientation Session
Wednesday, August 29th 2018
McIntyre Building, Room 1034

Program:

- Welcome message from the Chair; Dr. Gerhard Multhaup
- Message from the Director of the Undergraduate Program; Dr. Barbara Hales
- Career Planning Service (CaPS); Melanie Walkty, Career Advisor at CaPS.
- Science Internship Program & Field Studies; Martine Dolmière, Internship and Field Studies Officer, Faculty of Science
- Life Sciences Library; Ms. Lucy Kiester, Assistant Librarian UGME.
- Office for Undergraduate Research in Science (OURS); Victor Chisholm, Undergraduate Research Officer, Faculty of Science
- Introduction to the Department of Pharmacology and Therapeutics; Chantal Grignon, Student Affairs Coordinator
- Introduction to PILS (Pharmacology Integrative League of Students)
- Introduction to StudentPharma
- Questions?
McGill
Career Planning Service (CaPS)

Melanie Walkty, Career Advisor
August 29th, 2018
Why is Career Planning Important?

• Helps you define your career goals: through self-assessment and career exploration

• Provides an organizational tool to help you stay focused, motivated and on track: giving you an effective job search strategy

• Keeps your goals realistic and obtainable (even if they change over time)

So how can CaPS help?
## 1. Self-Assessment

<table>
<thead>
<tr>
<th>WHAT DOES IT INVOLVE?</th>
<th>RESOURCES</th>
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</thead>
<tbody>
<tr>
<td>• Inventory of skills</td>
<td>• Advising sessions</td>
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<tr>
<td>• Acknowledge your strengths, weakness and limitations</td>
<td>• Resource library</td>
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<tr>
<td>• Analyze your work and life values</td>
<td>• CaPS website</td>
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<tr>
<td>• Compile and create your own job profile</td>
<td>• PACE (Program for Advancement in Career Exploration)</td>
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## 2. Career Exploration

<table>
<thead>
<tr>
<th>WHAT DOES IT INVOLVE?</th>
<th>RESOURCES</th>
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<tbody>
<tr>
<td>• Occupation, descriptions and career paths</td>
<td>• Drop-ins (daily)</td>
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<tr>
<td>• Industries, departments and functions</td>
<td>• Advising sessions</td>
</tr>
<tr>
<td>• Related fields / jobs</td>
<td>• Resource library</td>
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<tr>
<td>• Internships / summer jobs / volunteer opportunities</td>
<td>• CaPS website</td>
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<tr>
<td>• Additional educational requirements (grad school etc.)</td>
<td>• Customized workshops</td>
</tr>
<tr>
<td></td>
<td>• Career fairs, company presentations, panels, networking events</td>
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<td>• Mentor program</td>
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<td>• McGill Connect</td>
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Career Options for Biomedical Scientists

Edited by Kaaren Janssen and Richard Sever
3. Job Search

<table>
<thead>
<tr>
<th>WHAT DOES IT INVOLVE?</th>
<th>RESOURCES</th>
</tr>
</thead>
<tbody>
<tr>
<td>• CV and cover letter</td>
<td>• Drop-ins (daily)</td>
</tr>
<tr>
<td>• Personal statement (grad school etc.)</td>
<td>• Advising sessions</td>
</tr>
<tr>
<td>• Directories of employers and lists of associations</td>
<td>• C-Lounge</td>
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<tr>
<td>• Networking and interviewing techniques</td>
<td>• Workshops</td>
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<tr>
<td>• Checklist / action plan / tracking system / next steps</td>
<td>• Resource library</td>
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<tr>
<td></td>
<td>• CaPS website</td>
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<tr>
<td></td>
<td>• myFuture (job database)</td>
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<td>• Mock interviews / practice sessions</td>
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Summary

CaPs will help you:

• Build your confidence!
• Better understand yourself and your career preferences
• Discover career options
• Focus your job search
• Increase your resources and build your network
• Customize your job search strategy to help you get employed!
Contact Us!

- 514-398-3304 ext.0321
- 3600 McTavish – Brown Bldg, suite 2200
- caps.careers@mcgill.ca
- www.mcgill.ca/caps
McGill Library

- 6 million items
- Electronic resources
- Course reserves
- Quiet study
- Group study
- Inter campus delivery
- Inter library loans
- Article/chapter scan
- Off-campus access
Awesome additional library resources:

- [https://www.mcgill.ca/library/contact/askus](https://www.mcgill.ca/library/contact/askus) (for livechat, instant assistance)
- Workshops: [https://apps.library.mcgill.ca/workshops-and-tours/](https://apps.library.mcgill.ca/workshops-and-tours/)
- Course reserves: [https://www.mcgill.ca/library/find/courses/course-reserves](https://www.mcgill.ca/library/find/courses/course-reserves)
- Scan, print, copy: [https://www.mcgill.ca/library/services/scan-print-copy](https://www.mcgill.ca/library/services/scan-print-copy)
- And so much more!
https://www.mcgill.ca/library/services/connect/google-scholar
Good starting places:

• The Library website: [http://mcgill.ca/library](http://mcgill.ca/library)

• Subject Guide: [http://libraryguides.mcgill.ca/pharmacology](http://libraryguides.mcgill.ca/pharmacology)

• Mobile Health/Drug apps: [http://libraryguides.mcgill.ca/healthmobile](http://libraryguides.mcgill.ca/healthmobile)
Schulich Librarians
Life Sciences Library
(enter via the Addams building)
(514) 398-4769
Schulich.library@mcgill.ca

Drop-in Reference:
9am-5pm, Monday-Friday

Research opportunities for undergraduate science students

Faculty of Science
Office for Undergraduate Research in Science

www.mcgill.ca/science/research/ours/
About this presentation

• Takeaway message: McGill has opportunities and funding for Science undergraduates to take part in research – *if* you want to (not compulsory).
• **Today: key points only!** What is undergraduate research; “how to” basics; some programs.
• For more information, see links on handout = [www.mcgill.ca/science/research/ours/how](http://www.mcgill.ca/science/research/ours/how)
• I also offer “how to get involved in research” information sessions in the fall and winter
• Questions and answers at end (time permitting)
• Contact me later if you like
What is (undergraduate) research?

• **Research** is the *creation* of *new* knowledge
  – Not just learning what is already known (like in much of your lectures, lab courses);
  – To go beyond what is already known;
  – Seeking for answers, and even working on what are the important questions.

• **Undergraduate research** = participating actively in this journey of discovery.
  – Working on your own project alongside McGill scientists, and helping them with theirs.
How do students get involved?

• **Research courses** in the fall, winter, or summer
  – Under the supervision of a professor, work on a project, and summarize your findings at the end.
  – Receive credits and a mark on your transcript.

• **Summer research awards**
  – Similar to research courses, but $ instead of credits.
  – NSERC USRA; SURA; Similar programs in other faculties and universities, e.g. ARIA for McGill Arts students.

• **Part time work for $ or volunteering** in the fall, winter, or summer
  – You may have your own project, or you may help other lab members with theirs.
Who gets involved?

• Relax! Don’t feel this is something you should (or must) do right away.
  – In your first year, focus on your (other) coursework. Start exploring what you’d like to do.
  – Mostly (but not always) in U2 and U3.
  – Research is not a requirement; but if you can, give it a try.

• It takes time and effort to find a research position, but it’s not an unrealistic goal.
  – Over 50% of McGill B.Sc. students take at least 1 research course for credit (real research) before they graduate.
  – About 260 students are paid to do research each summer in the Faculty of Science alone.
3 benefits of undergraduate research

1. Research experience develops and showcases skills which are useful wherever you go, whether or not in academia: *Persistence, creativity, problem-solving, analysis…*

2. A research supervisor = a professor who can write letters of reference for you later.

3. Graduate school is often research-based.
   - See if you like research before you commit to another degree.
   - Graduate school is often funded.
Talk with professors

(more online at www.mcgill.ca/science/research/ours/how)
Learn about cutting-edge research over lunch with cool profs

September 17-21, 2018
11:30 AM
Redpath Museum

More information:
www.mcgill.ca/science
Especially, but not only, about volunteering

- Take your commitment seriously even if it is “only” volunteering.
- Have a frank discussion about schedule and time expectations.
- It’s okay to start small, and move on to more interesting things later. *Get your foot in the door – but do move on!*
Thank you! Questions?

• More programs and resources online at www.mcgill.ca/science/research/ours

• Please feel free to contact me:
  Victor Chisholm
  Burnside Hall, Room 720
  Tel: 514-398-5964
  Email: victor.chisholm@mcgill.ca

• I prefer talking (by phone or in person) over emailing.
Pharmacology Undergraduate Program Advisors:

Dr. Barbara Hales, Director of the Undergraduate program
barbara.hales@mcgill.ca

Chantal Grignon, Undergraduate Student Affairs Coordinator/Advisor
undergradstudies.pharmacology@mcgill.ca
514-398-3622

Faculty mentors:

Mentors are available to guide you. You may ask their advice regarding career options and directions. You can meet with them as a group or individually, perhaps once or twice a year...this can be discussed between you and your mentor.
Programs in Pharmacology

- Minor – 24 credits
- Major – 67 credits
- Honours – 76 credits
- BSc/MSc Program
MINOR PROGRAM IN PHARMACOLOGY AND THERAPEUTICS  
(24 credits)

**Required Courses** (6 credits):
- PHAR 300 (3) Drug Action
- PHAR 301 (3) Drugs and Disease

**Complementary Courses** (18 credits):

3 credits, one of:
- BIOL 200 (3) Molecular Biology
- BIOL 201 (3) Cell Biology and Metabolism
- BIOC 212 (3) Molecular Mechanisms of Cell Function

3 credits, one of:
- PHGY 209 (3) Mammalian Physiology 1
- PHGY 210 (3) Mammalian Physiology 2

3 credits, one of:
- PHAR 503 (3) Drug Discovery and Development 1
- PHAR 505 (3) Structural Pharmacology

3 credits, one of:
- PHAR 562 (3) Neuropharmacology
- PHAR 563 (3) Endocrine Pharmacology

6 credits, chosen from:
- PHAR 303 (3) Principles of Toxicology
- PHAR 504 (3) Drug Discovery and Development 2
- PHAR 508 (3) Drug Discovery and Development 3
- PHAR 562 (3) Neuropharmacology
- PHAR 563 (3) Endocrine Pharmacology
- PHAR 565 (3) Epigenetic Drugs and Targets
- PHAR 599 (6) D1/D2 Pharmacology Research Project
MAJOR PROGRAM IN PHARMACOLOGY AND THERAPEUTICS (67 credits)

**U1 Required Courses** (24 credits)

- BIOL 200 (3) Molecular Biology
- BIOL 202 (3) Basic Genetics
- CHEM 212 (4) Introductory Organic Chemistry 1
- CHEM 222 (4) Introductory Organic Chemistry 2
- PHAR 200 (1) Introduction to Pharmacology 1
- PHAR 201 (1) Introduction to Pharmacology 2
- PHGY 209 (3) Mammalian Physiology 1
- PHGY 210 (3) Mammalian Physiology 2
- PHGY 212 (1) Introductory Physiology Laboratory 1
- PHGY 213 (1) Introductory Physiology Laboratory 2

**U2 Required Courses** (16 credits)

- BIOC 311 (3) Metabolic Biochemistry
- BIOL 301 (4) Cell and Molecular Laboratory
- PHAR 300 (3) Drug Action
- PHAR 301 (3) Drugs and Disease
- PHAR 303 (3) Principles of Toxicology

**Complementary Courses** (27 credits)

3 credits selected from (taken in U3):
- PHAR 503 (3) Drug Discovery and Development 1
- PHAR 505 (3) Structural Pharmacology

3 credits selected from (taken in U3):
- PHAR 562 (3) Neuropharmacology
- PHAR 563 (3) Endocrine Pharmacology

CEGEP Students:
Are you exempted from CHEM 212, CHEM 222 and/or MATH 203?

Must replace the credits with Science courses at a 200 level or higher; which can be taken from the ULS Complementary Course list or choose from the University Course Calendar.

**TAKE NOTE:**
CHEM 180, 181, 182 and 183 (World of Chemistry) are NOT ACCEPTED as replacements for CHEM 212 and CHEM 222.

Still unsure if you are exempted from Organic Chemistry?
Verify on course table via this link: [http://www.mcgill.ca/students/transfercredit/prospective/cegep/](http://www.mcgill.ca/students/transfercredit/prospective/cegep/)
3 credits selected from (usually in Year 1):
- BIOL 201 (3) Cell Biology and Metabolism
- BIOC 212 / ANAT 212 (3) Molecular Mechanisms of Cell Function

3 credits selected from (usually in Year 2):
- CHEM 203 (3) Survey of Physical Chemistry
- CHEM 204 (3) Physical Chemistry/Biological Sciences

3 credits selected from (usually in Year 2):
- BIOL 373 (3) Biometry
- COMP 204 (3) Computer Programming for Life Sciences (NEW starting Fall 2018!!)
- MATH 203 (3) Principles of Statistics 1
- PSYC 204 (3) Introduction to Psychological Statistics

12 credits selected from the following upper level science courses (in Year 3):
- ANAT 321 Circuitry of the Human Brain (3 credits)
- ANAT 322 Neuroendocrinology (3 credits)
- ANAT 365 Cellular Trafficking (3 credits)
- ANAT 381 Experimental Embryology (3 credits)
- ANAT 458 Membranes and Cellular Signaling (3 credits) *
- BIEN 510 Nanoparticles in the Medical Sciences (3 credits)
- BIOC 312 Biochemistry of Macromolecules (3 credits)
- BIOC 450 Protein Structure and Function (3 credits)
- BIOC 470 Lipids and Lipoproteins in Disease (3 credits) **
- BIOC 454 Nucleic Acids (3 credits)
- BIOC 458 Membranes and Cellular Signaling (3 credits) *
- BIOL 300 Molecular Biology of the Gene (3 credits)
- BIOL 303 Developmental Biology (3 credits)
- BIOL 306 Neural Basis of Behavior (3 credits)
- BIOL 314 Molecular Biology of Oncogenes (3 credits)
- BIOL 370 Human Genetics Applied (3 credits)
- BIOT 505 Selected Topics in Biotechnology (3 credits)
- CHEM 302 Introductory Organic Chemistry 3 (3 credits)
- CHEM 334 Advanced Materials (3 credits)
- CHEM 462 Green Chemistry (3 credits)
- CHEM 502 Advanced Bio-Organic Chemistry (3 credits)
- CHEM 503 Drug Discovery (3 credits)
- CHEM 504 Drug Design (3 credits)
- CHEM 522 Stereochemistry (3 credits)
- CHEM 552 Physical Organic Chemistry (3 credits)
- EXMD 401 Physiology and Biochemistry Endocrine Systems (3 credits)
- EXMD 504 Biology of Cancer (3 credits)
- EXMD 509 Gastrointestinal Physiology and Pathology (3 credits) **
- EXMD 511 Joint Venturing with Industry (3 credits)
- HGEN 400 Genetics in Medicine (3 credits) **
- MIMM 387 The Business of Science (3 credits)
- MIMM 414 Advanced Immunology (3 credits)
- MIMM 466 Viral Pathogenesis (3 credits) **
- NEUR 310 Cellular Neurobiology (3 credits)
- PARA 410 Environment and Infection (3 credits)
- PATH 300 Human Disease (3 credits)
- PHAR 504 Drug Discovery and Development 2 (3 credits)
- PHAR 508 Drug Discovery and Development 3 (3 credits)
- PHAR 562 Neuropharmacology (3 credits)
- PHAR 563 Endocrine Pharmacology (3 credits)
- PHAR 565 Epigenetic Drugs and Targets (3 credits)
- PHAR 599 D1 Pharmacology Research Project (3 credits)
- PHAR 599 D2 Pharmacology Research Project (3 credits)
- PHGY 311 Channels, Synapses & Hormones (3 credits)
- PHGY 312 Respiratory, Renal, & Cardiovascular Physiology (3 credits)
- PHGY 313 Blood, Gastrointestinal, & Immune Systems Physiology (3 credits)
- PHGY 314 Integrative Neuroscience (3 credits)
- PHGY 425 Analyzing Physiological Systems (3 credits)
- PHGY 520 Ion Channels (3 credits)
- PHGY 524 Chronobiology (3 credits)
- PPHS 501 Population Health and Epidemiology (3 credits)
- PSYC 302 The Psychology of Pain (3 credits)
- PSYC 305 Statistics for Experimental Design (3 credits) **
- PSYC 311 Human Cognition and the Brain (3 credits)
- PSYC 317 Genes and Behaviour (3 credits) **
- PSYC 318 Behavioural Neuroscience 2 (3 credits) **
- PSYT 301 Issues in Drug Dependence (3 credits)
- PSYT 455 Neurochemistry (3 credits)
- PSYT 500 Advances: Neurobiology of Mental Disorders (3 credits)
- REDM 410 Writing Research Articles (3 credits)

Note: * Students may take either ANAT 458 or BIOC 458
** Access to these courses is not guaranteed
*Committee approval is required to substitute an upper level science course not appearing in the above list.

Take Note:
- **Complementary** courses count towards your program requirements. You must choose a specific number of credits from a list of complementary courses in order to complete the program requirements.
- **Electives** are courses that you take outside of your selected program, in order to reach the 120 credits necessary for obtaining your degree.
HONOURS IN PHARMACOLOGY (76 credits)

Acceptance into the Honours program takes place in the Winter term of U2. Students who wish to enter the Honours program should follow the Major program; those who satisfactorily complete the first three terms with a CGPA of at least 3.50 and a mark of B+ or higher in core Pharmacology courses (PHAR 300, PHAR 301, and PHAR 303) are eligible for admission.


U3 Required Courses (6 credits):

• PHAR 598 D1 & D2 (6) Honours Pharmacology Research Project  (No credit will be given unless both PHAR 598 D1 and D2 are successfully completed in consecutive terms)

U3 Complementary Courses  (21 credits)

3 credits selected from:
• PHAR 503 (3) Drug Discovery and Development 1
• PHAR 505 (3) Structural Pharmacology

3 credits selected from:
• PHAR 562 (3) Neuropharmacology
• PHAR 563 (3) Endocrine Pharmacology

15 credits selected from the following upper level science courses (in Year 3):

• ANAT 321 (3) Circuitry of the Human Brain
• ANAT 322 (3) Neuroendocrinology
• ANAT 365 (3) Cell Biology: Secretory Processes
• ANAT 458 / BIOC 458 (3) Membranes and Cellular Signalling
• BIOC 312 (3) Biochemistry of Macromolecules
• BIOC 450 (3) Protein Structure and Function
• BIOC 454 (3) Nucleic Acids
• BIOL 300 (3) Molecular Biology of the Gene
• BIOL 303 (3) Developmental Biology
• BIOL 306 (3) Neural Basis of Behavior
• BIOL 314 (3) Molecular Biology of Oncogenes
• BIOT 505 (3) Selected Topics in Biotechnology
• CHEM 302 (3) Introductory Organic Chemistry 3
• CHEM 334 (3) Advanced Materials
• CHEM 382 (3) Organic Chemistry: Natural Products
• CHEM 502 (3) Advanced Bio-Organic Chemistry
• CHEM 504 (3) Drug Design and Development 2
• CHEM 522 (3) Stereochemistry
• CHEM 552 (3) Physical Organic Chemistry
• EPIB 501 (3) Population Health and Epidemiology
• EXMD 401 (3) Physiology & Biochemistry Endocrine Systems
• EXMD 504 (3) Biology of Cancer
• EXMD 511 (3) Joint Venturing With Industry
• MIMM 387 (3) Business of Science
• MIMM 414 (3) Advanced Immunology
• NEUR 310 (3) Cellular Neurobiology
• PATH 300 (3) Human Disease
• PHAR 390 (3) Laboratory in Pharmacology – offered during summer session for now
• PHAR 504 (3) Drug Discovery and Development 2
• PHAR 508 (3) Drug Discovery and Development 3
• PHAR 562 (3) Neuropharmacology
• PHAR 563 (3) Endocrine Pharmacology
• PHAR 565 (3) Epigenetic Drugs and Targets
• PHGY 311 (3) Channels, Synapses & Hormones
• PHGY 312 (3) respiratory, Renal & Cardiovascular Physiology
• PHGY 313 (3) Blood, Gastrointestinal & Immune Systems Physiology
• PHGY 314 (3) Integrative Neuroscience
• PHGY 520 (3) Ion Channels
• PSYC 302 (3) The Psychology of Pain
• PSYC 311 (3) Human Cognition and the Brain
• PSYT 301 (3) Issues in Drug Dependence
• PSYT 455 (3) Neurochemistry (previously BIOC 455)
• PSYT 500 (3) Advances: Neurobiology of Mental Disorders
• REDM 410 (3) Writing Research Articles

** Committee approval is required to substitute an upper level science course not appearing in the above list.
BSc / MSc Program:

- The Pharmacology BSc/MSc Program, sponsored by the Faculty of Medicine and Graduate and Postdoctoral Studies, is designed for students with strong intentions of carrying out an MSc after completion of their BSc.

- All applicants to the program will have the opportunity to conduct research in the summer prior to starting U3. BSc students must secure a summer research position for 10 to 12 consecutive weeks (this will be paid at $350/wk, either by the Faculty of Medicine or from a summer NSERC award: http://www.mcgill.ca/medresearch/biomedical/nserc).

- During the U3 school year, applicants must successfully complete a 6 credit Pharmacology Research Project, either PHAR 599 D1/D2 (Major) or PHAR 598 D1/D2 (Honours).

Requirements:

- Minimum CGPA 3.5.

- Must be a U2 student registered in the Major or Honours degree program in Pharmacology.

- Commitment by a faculty member to supervise PHAR 599 D1/D2 (Major) or PHAR 598 D1/D2 (Honours) and conditionally for an MSc Degree.

- Must have secured a summer research position for 10 to 12 consecutive weeks. (Note: This will be paid at $350/wk either from the Faculty of Medicine or from a summer NSERC award).

Conditions of acceptance for the MSc:

- Show strong research performance during the summer following U2 and strong academic (min CGPA 3.5) and research performance during the U3 academic year.

- Successful completion of PHAR 599 D1/D2 (Major) or PHAR 598 D1/D2 (Honours) - (6 credits).

- Completion of PHAR 599 D1/D2 (Major) or PHAR 598 D1/D2 (Honours) should be with the potential MSc supervisor.

- For further information, you may contact me at undergradstudies.pharmacology@mcgill.ca, or our Graduate Coordinator, Mrs. Tina Tremblay; gradstudies.pharmacology@mcgill.ca
BSc/MSc Timeline

Example explained as entering U2 in 2019/2020

- **Fall 2019**: U2
- **Winter 2020**: U2
  - Applications Due - end January
  - Selection by mid-February
- **Summer 2020**: Selection by mid-February
  - Summer Research Project
    - 10 to 12 weeks ($350/wk) OR
    - 16 weeks ($5625)
- **Fall 2020**: U3

- **Winter 2021**: U3
- **Summer 2021**: MSc FT1
- **Fall 2021**: MSc FT2
  - BSc Graduation

- **Winter 2022**: MSc FT3
- **Summer 2022**: MSc continuing
  - Submit thesis

- **Fall 2023**: MSc continuing
Issues with Pharmacology course registration??

e-mail me at: undergradstudies.pharmacology@mcgill.ca

For other courses, you must contact the Department where the course is offered. See in Faculty of Science page – “Who to contact in Science”.
PHAR 396 Undergraduate Research Project
Dr. Jason Tanny, Course Coordinator

The PHAR 396 project course is a 3-credit course that counts as an elective.

It is NOT a required course for the Minor/Major or Honours programs in Pharmacology. These courses are designed to increase undergraduate research opportunities by broadening the scope of research courses, making them available to more students and making the undergraduate research component more interdisciplinary.

The project lists are found on the Office for Undergraduate Research in Science website (OURS):
http://www.mcgill.ca/science/research/ours/396

If you are interested in a potential project, communicate with the instructor proposing the project. The instructions on how to apply are indicated on each project description and project application form.
General Information and Advice

• Please read your Pharmacology student handbook ('useful links' page).

• Events throughout the year: PURE, Career Day, Faculty and Student Wine and Cheeses, etc.

• **You need a “C” or better** in required and complementary courses.

• Plan out your schedule/courses for the next 3 years.

• See your advisor at least once a year (either Department – me! or SOUSA Advisor)

• McGill ID… get your student card at Service Point.

• Remember to pay your school fees on time; E-bills are issued monthly within the first 5 days of the month and are due 23-25 days later. For Fall term, the due date is August 31st (today!). For the Winter term, the due date is Jan. 5th. (Student Accounts).

• Verify your McGill e-mail account regularly; it is one of the official ways we communicate with you. We will _not_ communicate via your personal e-mail address (yahoo, hotmail, etc.)

• Complete the Academic Integrity Tutorial - AAAA 100 - in MyCourses during your first semester. This tutorial is mandatory!

• Étudiants Francophones? Au plaisir de vous accueillir. La personne ressource est Mme. Manon Lemelin, Service aux étudiants de première année (manon.lemelin@mcgill.ca).
Candace Yang
PILS President

- U3 Student from Toronto, ON
- Loves dogs, memes, and rare vines
- Oversees and coordinates PILS exec functions
- Find me on Schulich 5th, in the PILS Office (McMed 506A), or email me at candace.yang@mail.mcgill.ca with any questions or concerns you have regarding PILS!
Simon Rahman
PILS VP Academic

- U2 Student from Montréal
- Loves coffee
- Organizes:
  - Mentor-Mentee Program (PUMP)
  - Wine & Cheeses
  - Study sessions
  - Pharmacology Career Day
  - Pharmacology Undergraduate Research
  - Expo (PURE)

Can’t wait to see you there!
Lidia Avvakoumova
PILS VP External

- U3 Student from Toronto, Ontario
- Role: Organize events outside of the McGill Community, secure sponsorship and attend General Council
- Fun facts about me: Love everything -boarding (wake, surf, snow etc.), biking and giving in to my sweet tooth 😊
Larissa Maini
PILS VP Internal

- U3 student from Burlington, ON
- Enjoys drinking tea and skiing
- Responsible for…
  - Planning PILS social events (apartment crawls, Pharm Phrosh, science games, year-end formal)
  - Overseeing the PILS Planning Committee
Samuel Rahman
PILS VP Finance

• U2 from Montreal

• I manage the budget and the finances for PILS

• Massive sports fan like soccer, rugby and ufc
Dalia Varvaro
PILS VP Fundraising

- Born and raised in Montreal
- U2 Student
- Love to travel!!
- Organize events for the PILS council in order to raise money for all of our events throughout the year
Claire Lin
PILS U3 Rep

• U3 student from Taiwan
• lives on coffee
• facilitate communication between U3 students and PILS
• responsible for U3 NTCs
Praveen Raj
PILS U3 Rep

• Originally from Ottawa

• Facilitate communication between U3 students and PILS

• Responsible for U3 NTCs

• Lives on spicy food (no seriously I have a problem)

• Come talk to me! I love meeting new people

• Email: praveen.rajasegaran@mail.mcgill.ca
Gabe Polidori
PILS U2 Rep

• U2 student from Montreal
• Love sports (Track, Skiing, Football...)
• I work with my other U2 Rep to facilitate communication between the U2’s and PILS, as well as all things U2 NTCs
Nicole Cifelli
PILS U2 REP

• U2 student from Montreal, QC.
• Love travelling, dogs and hockey
• Work with Gabe (U2 Rep) to communicate important information to all U2 Pharmacology students and take care of U2 NTCs
StudentPharma

Visit us at Studentpharma.ca

• Student-run, extracurricular opportunity for Pharmacology students to learn chemoinformatics & bioinformatics and their applications in drug discovery
• Multiple projects to either follow along or join in at your own will and work at your own pace
• Various video tutorials covering common software for chemoinformatics and bioinformatics in drug discovery
• Blog covering a plethora of topics in life sciences, biomedical, biotechnology, bioethics etc.
• Meet with and learn alongside upper-level students. **Best of all, YOU can contribute to any of the above!**
Pharmahackathon 2018

• Hackathon inspired event, medically-themed to apply to interest of life sciences students

• Day-long event to socialize with hundreds of students from various programs and schools, along with networking possibilities with guest members from academic backgrounds and industrial backgrounds

• Participate in ONE of two streams:

• As a team, come up with solutions to different programming challenges relating to biomedical/pharmaceutical applications for the chance to win prizes

• OR join us for a fun and interactive day-long tutorial on chemoinformatics and bioinformatics

• Register online at studentpharma.ca/pharmahackathon (link will be available on social media posts as well)