



**McGill School of Environment (Graduate)  
Programs, Courses and University Regulations  
2019-2020**



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This publication provides guidance to prospects, applicants, students, faculty and staff.

**1 .** McGill University reserves the right to mak

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## 1 Dean's Welcome

To Graduate Students and Postdoctoral Fellows:

Welcome to Graduate and Postdoctoral Studies (GPS) at McGill. You are joining a community of world-class researchers and more than 10,000 graduate students in over 400 programs. *GPS* is here to support you from admissions through to graduation and beyond. We take a holistic approach to graduate student success; we support not only your academic development, but also your career-planning and professional development, and your well-being and student life. I invite you to consult the website [Resources for Your Success](#), which is a one-stop-shop for the many resources and support systems in place for you across the University.

I would like to wish you all the best in your studies at McGill. We are here to make sure that you have the best possible experience.

*Josephine Nalbantoglu, Ph.D.*

*Dean, Graduate and Postdoctoral Studies*

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## 2 Graduate and Postdoctoral Studies

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### 2.1 Administrative Officers

#### Administrative Officers

Josephine Nalbantoglu; B.Sc., Ph.D.(McG.)

**Dean (Graduate and Postdoctoral Studies)**

Robin Beech; B.Sc.(Nott.), Ph.D.(Edin.)

**Associate Dean (Graduate and Postdoctoral Studies)**

France Bouthillier; B.Ed., C.Admin.(UQAM), M.B.S.I.(Montr.), Ph.D.(Tor.)

**Associate Dean (Graduate and Postdoctoral Studies)**

Lorraine Chalifour; B.Sc., Ph.D.(Manit.)

**Associate Dean (Graduate and Postdoctoral Studies)**

Elisa Pylkkanen; B.A., M.A.(McG.)

**Director (Graduate and Postdoctoral Studies)**

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### 2.2 Location

James Administration Building, Room 400

845 Sherbrooke Street West

Montreal QC H3A 0G4

Website: [www.mcgill.ca/gps](http://www.mcgill.ca/gps)



**Note:** For inquiries regarding specific graduate programs, please contact the appropriate department.

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### 2.3 Graduate and Postdoctoral Studies' Mission

The mission of Graduate and Postdoctoral Studies (GPS) is to promote university-wide academic excellence for graduate and postdoctoral education at McGill. GPS provides leadership and strategic direction across the university in close collaboration with the academic and administrative units, and the graduate and postdoctoral community.

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## 3 Important Dates

For all dates relating to the academic year, consult [www.mcgill.ca/importantdates](http://www.mcgill.ca/importantdates).

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## 4 Graduate Studies at a Glance

Please refer to [University Regulations & Resources > Graduate > : Graduate Studies at a Glance](#) for a list of all graduate departments and degrees currently being offered.

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## 5 Program Requirements

Refer to [University Regulations & Resources > Graduate > Regulations > : Program Requirements](#) for graduate program requirements for the following:

- Master's Degrees
- Doctoral Degrees
- Coursework for Graduate Programs, Diplomas, and Certificates

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## 6 Graduate Admissions and Application Procedures

Please refer to [University Regulations & Resources > Graduate > : Graduate Admissions and Application Procedures](#) for information on:

- Application for Admission
- Admission Requirements
- Application Procedures
- Competency in English

and other important information regarding admissions and application procedures for Graduate and Postdoctoral Studies.

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## 7 Fellowships, Awards, and Assistantships

Please refer to [University Regulations & Resources > Graduate > : Fellowships, Awards, and Assistantships](#) for information and contact information regarding fellowships, awards, and assistantships in Graduate and Postdoctoral Studies.

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## 8 Postdoctoral Research

Students must inform themselves of University rules and regulations and keep abreast of any changes that may occur. The *Postdoctoral Research* section of this publication contains important details postdoctoral scholars will require during their studies at McGill and should be periodically consulted, along with other sections and related publications.

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### 8.1 Postdocs

Postdocs are recent graduates with a Ph.D. or equivalent (i.e., Medical Specialist Diploma) engaged by a member of the University's academic staff, including Adjunct Professors, to assist him/her in research.

Postdocs must be appointed by their department and registered with Enrolment Services in order to have access to University facilities (library, computer, etc.).



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## 8.2 Guidelines and Policy for Academic Units on Postdoctoral Education

The general guidelines listed below are meant to encourage units to examine their policies and procedures to support postdoctoral education. Every unit hosting Postdocs should have explicitly stated policies and procedures for the provision of postdoctoral education as well as established means for informing Postdocs of policies, procedures, and privileges (e.g., orientation sessions, handbooks, etc.), as well as mechanisms for addressing complaints. Academic units should ensure that their policies, procedures and privileges are consistent with these guidelines and the Charter of Students' Rights. For their part, Postdocs are responsible for informing themselves of policies, procedures, and privileges.

### 1. Definition and Status

i. Postdoctoral status will be recognized by the University in accordance with Quebec provincial regulations. Persons may only be registered with postdoctoral status for a period of up to five years from the date they were awarded a Ph.D. or equivalent degree. Time allocated to parental or health leave is added to this period of time. Leaves for other reasons, including vacation leave, do not extend the term. Postdocs must do research under the supervision of a McGill professor, including Adjunct Professors, who is a member of McGill's academic staff qualified in the discipline in which training is being provided and with the abilities to fulfil responsibilities as a supervisor of the research and as a mentor for career development. They are expected to be engaged primarily in research with minimal teaching or other responsibilities.

### 2. Registration

i. Postdocs must be registered annually with the University through Enrolment Services. Initial registration will require an original or notarized copy of the Ph.D. diploma. Registration will be limited to persons who fulfil the definition above and for whom there is an assurance of appropriate funding and where the unit can provide assurance of the necessary resources to permit postdoctoral education.

ii. Upon registration, the Postdoc will be eligible for a University identity card issued by Enrolment Services.

### 3. Appointment, Pay, Agreement of Conditions

i. Appointments may not exceed your registration eligibility status.

ii. In order to be registered as a Postdoc, you must be assured of financial support other than from personal means during your stay at McGill University, equivalent to the minimal stipend requirement set by the University in accordance with guidelines issued by federal and provincial research granting agencies. There are no provisions for paid parental leave unless this is stipulated in the regulations of a funding agency outside the University.

iii. At the outset of a postdoctoral appointment, a written Letter of Agreement for Postdoctoral Education should be drawn up and signed by the Postdoc, the supervisor, and the department head or delegate (see template Letter of Agreement and supporting document—[Commitments of Postdoctor](#)

x. Access to student services and athletic services are available to the Postdoc on an opt-in basis. Fees are applicable.

## **5. Responsibilities**

i. Postdocs are subject to the responsibilities outlined at [www.mcgill.ca/students/srr](http://www.mcgill.ca/students/srr) and must abide by the policies listed at [www.mcgill.ca/secretariat/policies-and-regulations](http://www.mcgill.ca/secretariat/policies-and-regulations).

ii. Each academic unit hosting Postdocs should clearly identify Postdocs' needs and the means by which they will be met by the unit.

iii. Each academic unit should assess the availability of research supervision facilities, office space, and research funding before recruiting Postdocs.

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## 10 Graduate Student Services and Information

Graduate students are encouraged to refer to : [Student Services and Information](#) for information on the following topics:

- Service Point
- Student Rights & Responsibilities
- Student Services – Downtown & Macdonald Campuses
- Residential Facilities
- Athletics and Recreation
- Ombudsperson for Students
- Extra-Curricular and Co-Curricular Activities
- Bookstore
- Computer Store
- Day Care

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## 11 Information on Research Policies and Guidelines, Patents, Postdocs, Associates, Trainees

Refer to [University Regulations & Resources](#) > *Graduate* > : [Research Policy and Guidelines](#) for information on the following:

- Regulations on Research Policy
- Regulations Concerning the Investigation of Research Misconduct
- Requirements for Research Involving Human Participants
- Policy on the Study and Care of Animals
- Policy on Intellectual Property
- Regulations Governing Conflicts of Interest
- Safety in Field Work
- Office of Sponsored Research
- Postdocs
- Research Associates

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## 12 Browse Academic Units & Programs

The programs and courses in the following sections have been approved for the 2019–2020 session as listed. The Faculty/School reserves the right to introduce changes as may be deemed necessary or desirable at any time throughout the year.

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### 12.1 Environment

#### 12.1.1 Location

##### **Downtown Campus**

McGill School of Environment  
3534 University Street  
Montreal QC H3A 2A7  
Canada  
Telephone: 514-398-2827

**Macdonald Campus**

McGill School of Environment

Rowles House

21,111 Lakeshore Road

Sainte-Anne-de-Bellevue QC H9X 3V9

Canada

Telephone: 514-398-7559

*Coordinator* – C. Zhu

Telephone: 514-398-2827

**: [Earth and Planetary Sciences](#)**

: [Master of Science \(M.Sc.\) Earth and Planetary Sciences \(Thesis\): Environment \(48 credits\)](#) ( [Science](#) > Graduate > Browse Academic Units & Programs > Earth and Planetary Sciences)

: [Doctor of Philosophy \(Ph.D.\) Earth and Planetary Sciences: Environment](#) ( [Science](#) > Graduate > Browse Academic Units & Programs > Earth and Planetary Sciences)

**Entomology (under : [Natural Resource Sciences](#))**

: [Master of Science \(M.Sc.\) Entomology \(Thesis\): Environment \(46 credits\)](#) ( [Agricultural & Environmental Sciences](#) > Graduate > Browse Academic Units & Programs > Natural Resource Sciences)

: [Doctor of Philosophy \(Ph.D.\) Entomology: Environment](#) ( [Agricultural & Environmental Sciences](#) > Graduate > Browse Academic Units & Programs > Natural Resource Sciences)

**: [Geography](#)**

: [Master of Arts \(M.A.\) Geography \(Thesis\): Environment \(45 credits\)](#) ( [Science](#) > Graduate > Browse Academic Units & Programs > Geography)

: [Master of Science \(M.Sc.\) Geography \(Thesis\): Environment \(45 credits\)](#) ( [Science](#) > Graduate > Browse Academic Units & Programs > Geography)

: [Doctor of Philosophy \(Ph.D.\) Geography: Environment](#) ( [Arts](#) > Graduate > Browse Academic Units & Programs > Geography)

**: [Law](#)**

: [Master of Laws \(LL.M.\) Law \(Thesis\): Environment \(45 credits\)](#) ( [Law](#) > Graduate > Browse Academic Units & Programs > Law)

: [Master of Laws \(LL.M.\) Law \(Non-Thesis\): Environment \(45 credits\)](#) ( [Law](#) > Graduate > Browse Academic Units & Programs > Law)

**Management (under : [Desautels Faculty of Management](#))**

: [Doctor of Philosophy \(Ph.D.\) Management: Environment](#) ( [Management](#) > Graduate > Joint Ph.D. in Management Admission Requirements and Application Procedures)

**: [Medicine, Experimental](#)**

: [Master of Science \(M.Sc.\) Experimental Medicine \(Thesis\): Environment \(45 credits\)](#) ( [Medicine](#) > Graduate > Browse Academic Units & Programs > Medicine, Experimental)

: [Doctor of Philosophy \(Ph.D.\) Experimental Medicine: Environment](#) ( [Medicine](#) > Graduate > Browse Academic Units & Programs > Medicine, Experimental)

**Microbiology (under : [Natural Resource Sciences](#))**

: [Master of Science \(M.Sc.\) Microbiology \(Thesis\): Environment \(46 credits\)](#) ( [Agricultural & Environmental Sciences](#) > Graduate > Browse Academic Units & Programs > Natural Resource Sciences)

: [Doctor of Philosophy \(Ph.D.\) Microbiology: Environment](#) ( [Agricultural & Environmental Sciences](#) > Graduate > Browse Academic Units & Programs > Natural Resource Sciences)

**: [Parasitology](#)**

: [Doctor of Philosophy \(Ph.D.\) Parasitology: Environment](#) ( [Agricultural & Environmental Sciences](#) > Graduate > Browse Academic Units & Programs > Parasitology)

**: [Philosophy](#)**

: [Doctor of Philosophy \(Ph.D.\) Philosophy: Environment](#) ( [Arts](#) > Graduate > Browse Academic Units & Programs > Philosophy)

**: [Plant Science](#)**

: [Master of Science \(M.Sc.\) Plant Science \(Thesis\): Environment \(48 credits\)](#) ( [Agricultural & Environmental Sciences](#) > Graduate > Browse Academic Units & Programs > Plant Science)

: [Doctor of Philosophy \(Ph.D.\) Plant Science: Environment](#) ( [Agricultural & Environmental Sciences](#) > Graduate > Browse Academic Units & Programs > Plant Science)

**Renewable Resources (under : [Natural Resource Sciences](#))**

: [Master of Science \(M.Sc.\) Renewable Resources \(Thesis\): Environment \(46 credits\)](#) ( [Agricultural & Environmental Sciences](#) > Graduate > Browse Academic Units & Programs > Natural Resource Sciences)

: [Doctor of Philosophy \(Ph.D.\) Renewable Resources: Environment](#) ( [Agricultural & Environmental Sciences](#) > Graduate > Browse Academic Units & Programs > Natural Resource Sciences)



## Assistant Professor

Hamish van der Ven; B.A., M.A.(Br. Col.), Ph.D.(Tor.) (*joint appt. with Political Science*)

## Faculty Lecturers

Julia Freeman; B.A.(S. Fraser), M.A.(McG.), Ph.D.(Br. Col.)

George McCourt; B.Sc., M.Sc.(Alta.), M.Sc.(McG.)

Kathryn Roulet; B.Sc.(Trent), M.Sc.(Guelph)

## Associate Members

*Anthropology*: John Galaty

*Architecture, School of*: Nik Luka

*Atmospheric and Oceanic Sciences*: Parisa Ariya

*Biology*: Lauren Chapman, Andrew Gonzalez, Irene Gregory-Eaves, Catherine Potvin

*Bioresource Engineering*: Jan Adamowski, Grant Clark, Mark Lefsrud, Chandra Madramootoo

*Chemical Engineering*: Nathalie Tufenkji, Viviane Yargeau

*Chemistry*: Christopher Barrett

*Civil Engineering and Applied Mechanics*: Susan Gaskin, Van-Thanh-Van Nguyen, Jim Nicell

*Earth and Planetary Sciences*: Nagissa Mahmoudi, Jeanne Paquette

*Economics*: Chris Green, Tom Naylor

*Electrical and Computer Engineering*: Geza Joos

*Epidemiology, Biostatistics, and Occupational Health*: Jonathan Chevrier, Mark Goldberg

*Food Science and Agricultural Chemistry*: Saji George

*Geography*: Oliver Coomes, Graham MacDonald, Thom Meredith, Tim Moore, Wayne H. Pollard, Brian Robinson, Nigel Roulet

*History and Classical Studies*: Daviken Studnicki-Gizbert

*Human Nutrition, School of*: Niladri Basu

*Integrated Studies in Education*: Blane Harvey

*Languages, Literatures, and Cultures*: Stephanie Posthumus

*Law, Faculty of*: Richard Gold, Richard Janda, Sebastien Jodoin

*Management, Desautels Faculty of*: Dror Etzion

*Natural Resource Sciences*: Christopher Buddle, Benoît Côté, Brian Driscoll, Jim W. Fyles, Gordon Hickey, Cynthia Kallenbach, Ian Strachan, Paul Thomassin, Joann Whalen

*Parasitology, Institute of*: Marilyn Scott

*Pathology*: Bruce Case

*Plant Science*