



**Bieler School of Environment (Graduate)**  
**Programs, Courses and University Regulations**  
**2021-2022**



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

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## 1 Dean's Welcome

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. McGill's approach to graduate education emphasises skills development; we cultivate your academic and professional growth through a variety of workshops, events and experiential learning opportunities. I invite you to consult the [GPS website](#) for information on the range of resources available to graduate students at McGill.

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.*

*Associate Provost (Graduate Education) and 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.)

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

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

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

Nathan Hall; B.A., M.A., Ph.D. (Manit.)

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

Russell Steele; B.S., M.S. (Carn. Mell), Ph.D. (Wash.)

**Associate Dean (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: [mcgill.ca/gps](http://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 univ

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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 Requir](#)



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

Every unit hosting postdocs should apply institutional policies and procedures for the provision of postdoctoral education and have established means for informing postdocs of policies, procedures, and privileges (available at [mcgill.ca/gps/postdocs](http://mcgill.ca/gps/postdocs)), as well as mechanisms for addressing complaints. For their part, postdocs are responsible for informing themselves of such policies, procedures, and privileges.

### 1. Definition and Status

- i. Postdoctoral status will be recognized by the University in accordance with Quebec provincial regulations as may be modified from time to time. The eligibility period for postdoctoral status is up to five years from the date when the Ph.D. or equivalent degree was aw

- i. Postdocs are subject to the responsibilities outlined at [mcgill.ca/students/srr](http://mcgill.ca/students/srr) and must abide by the policies listed at [mcgill.ca/secretariat/policies-and-regulations](http://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.
- iv. Some examples of the responsibilities of the academic unit are:
  - to verify the postdoc's eligibility period for registration;
  - to provide postdocs with departmental policy and procedures that pertain to them;
  - to facilitate the registration and appointment of postdocs;
  - to assign departmental personnel the responsibility for postdoctoral affairs in the unit;
  - to oversee and sign off on the Letter of Agreement for Postdoctoral Education;
  - to ensure that each postdoc has a supervisor, lab and/or office space, access to research operating costs and necessary equipment;
  - to include postdocs in departmental career and placement opportunities;
  - to refer postdocs to the appropriate University policies and personnel for the resolution of conflict that may arise between a postdoc and a supervisor.
- v. Some examples of the responsibilities of the supervisor are:
  - to uphold and transmit to their postdocs the highest professional standards of research and/or scholarship;
  - to provide research guidance;
  - to meet regularly with their postdocs;
  - to provide feedback on research submitted by the postdocs;
  - to clarify expectations regarding intellectual property rights in accordance with the University's policy;
  - to provide mentorship for career development;
  - to prepare, sign, and adhere to a Letter of Agreement for Postdoctoral Education.
- vi. Some examples of the responsibilities of postdocs are:
  - to inform themselves of and adhere to the University's policies and/or regulations for postdocs as outlined at [mcgill.ca/gps/postdocs](http://mcgill.ca/gps/postdocs), [mcgill.ca/students/srr](http://mcgill.ca/students/srr) and the Graduate and Postdoctoral Studies [University Regulations and Resources](#);
  - to submit a complete file for registration to Enrolment Services;
  - to sign and adhere to their Letter of Agreement for Postdoctoral Education;
  - to communicate regularly with their supervisor;
  - to inform their supervisor of their absences.
- vii. Some examples of the responsibilities of the University are:
  - to register postdocs;
  - to provide an appeal mechanism in cases of conflict;
  - to provide documented policies and procedures to postdocs;
  - to provide postdocs with the necessary information on McGill University student services (Postdoctoral Fellows and Scholars) and HR policies and guidelines (Postdoctoral Researchers).

*Approved by Senate, April 2000; revised May 2014; February 2020.*

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### 8.3 Vacation Policy for Graduate Students and Postdocs

Graduate students and Postdocs should normally be entitled to vacation leave equivalent to university holidays and an additional total of fifteen (15) working days in the year. Funded students and Postdocs with fellowships and research grant stipends taking additional vacation leave may have their funding reduced accordingly.

*Council of FGSR April 23, 1999*

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### 8.4 Leave of Absence for Health and Parental/Familial Reasons

A leave of absence may be granted for maternity or parental reasons or for health reasons (see [University Regulations & Resources > Graduate > : Leave of Absence Status](#)).

Such a leave must be requested on a term-by-term basis and may be granted for a period of up to 52 weeks. For a maternity or parental leave, the eligibility period of a maximum of 52 consecutive weeks is determined based on when the child is born; if the leave is interrupted for one or two terms, the eligibility period cannot be extended. Students and Postdocs must make a request for such a leave in writing to their department and submit a medical certificate. The department shall forward the request to Enrolment Services. See the procedure in [University Regulations & Resources > Graduate > : Leave of Absence Status](#).

Students who have been granted such a leave will have to register for the term(s) in question and their registration will show as “leave of absence” on their record. No tuition fees will be charged for the duration of the authorized leave

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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 2021–2022 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

##### **Macdonald Campus**

Bieler School of Environment

Rowles House

21,111 Lakeshore Road

Sainte-Anne-de-Bellevue QC H9X 3V9

Canada

Telephone: 514-398-7559

**Do**



## Professors

Elena Bennett; B.A.(Oberlin), M.Sc., Ph.D.(Wisc.) (*joint appt. with Natural Resource Sciences*)

Peter G. Brown; B.A.(Haver.), M.A., Ph.D.(Col.) (*joint appt. with Geography and Natural Resource Sciences*)

Iwao Hirose; B.A., M.A.(Waseda), Ph.D.(St. And.) (*joint appt. with Philosophy*)

Anthony Ricciardi; B.Sc.(Agr.), M.Sc., Ph.D.(McG.) (*joint appt. with Redpath Museum*)

## Associate Professors

Madhav Badami; B.Tech., M.S.(IIT Madras), M.E.Des.(Calg.), Ph.D.(Br. Col.) (*joint appt. with School of Urban Planning*)

Christopher Barrington-Leigh; S.M.(MIT), Ph.D.(Stan.), Ph.D.(Br. Col.) (*joint appt. with Institute for Health and Social Policy*)

Jeffrey Cardille; B.Sc.(Carn. Mell), M.Sc.(Georgia Tech.), M.Sc., Ph.D.(Wisc.) (*joint appt. with Natural Resource Sciences*)

Sylvie de Blois; B.Sc.(Agr.)(McG.), M.Sc., Ph.D.(Montr.) (*joint appt. with Plant Science*)

Jaye Ellis; B.A.(Calg.), B.C.L./LL.B.(McG.), LL.M.(Br. Col.) (*joint appt. with Law*)

Frédéric Fabry; B.Sc., M.Sc., Ph.D.(McG.) (*joint appt. with Atmospheric and Oceanic Sciences*)

Nicolas Kosoy; B.Sc.(USB), M.Sc.(Kent), M.Sc., Ph.D.(Autonoma, Barcelona) (*joint appt. with Natural Resource Sciences*)

Brian Leung; B.Sc.(Br. Col.), Ph.D.(Car.) (*joint appt. with Biology*)

Kevin Manaugh; B.A.(Naropa), M.U.P., Ph.D.(McG.) (*joint appt. with Geography*)

Raja Sengupta; B.Sc.(Bom.), M.Sc.(IIT Bombay), Ph.D.(SIU Carbondale) (*joint appt. with Geography*)

Renée Sieber; B.Sc.(Mich. St.), M.P.A.(W. Mich.), Ph.D.(Rutg.) (*joint appt. with Geography*)

Ismael Vaccaro; B.A.(Barcelona), D.E.A.(EHESS Paris), M.A., Ph.D.(Wash.) (*joint appt. with Anthropology*)

## Assistant Professors

Fiona Soper; B.Sc.(Qld.), Ph.D.(Cornell) (*joint appt. with Biology*)

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

## Senior Faculty Lecturer

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

## Faculty Lecturers

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

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 Y

**Associate Members**

*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, Gordon Hickey, Cynthia Kallenbach, Ian Strachan, Paul Thomassin, Joann Whalen

*Parasitology, Institute of:* Marilyn Scott

*Pathology:* Bruce Case

*Plant Science:* Caroline Begg, Pierre Dutilleul, Jaswinder Singh, Don Smith

*Redpath Museum:* David M. Green

*Urban Planning, School of:* Nik Luka

**Adjunct Professor**

Katia Opalka; B.A., B.C.L./LL.B.(McG.)