

# Teaching Assistantship Position Posting McGill University

McGill University is Committed to Equity in Employment

**Date of Posting:** October 13, 2017

**Hiring Unit & Address:** Geography  
Burnside Hall Rm 705

**Application Deadline Date:** November 13, 2017

**Course Title:** The Earth System

**Course Number:** ESYS 104

**Instructor:** Professor Michel Lapointe

**Hours of work:** (per term) 90 hrs

**Number of TA positions available** (estimate): 1

**Dates of Appointment:**

Starting: January 8, 2018

Ending: April, 30 2018

**Salary:**

Hourly rate: \$29.33

Per Term: \$2639.70

**Required Duties:**

- Grade course tests and assignments. Invigilation of in-class tests
- Perform a minimum of select administrative tasks including meetings to discuss evaluation procedures and results

**Qualifications Required:**

- Applicants should have advanced undergraduate or graduate courses in international development.
- Basic courses in economics and environment are useful
- Bilingual (English and French) is preferred.

**Name & Title of Course Supervisor:** Professor Michel Lapointe

**Dept. Authorization:** Prof. N. Roulet

**Date:** Oct. 13, 2017

NOTE: All applicants must apply in writing, using the application form provided, to the appropriate Hiring Unit within ten (10) working days from the close of the posting.

NOTE: Announcements are considered tentative, pending final determination of course offerings and enrolments.

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**Date of Posting:** October 13, 2017

**Hiring Unit & Address:** Geography  
Burnside Hall Rm 705

**Application Deadline Date:** November 13, 2017

**Course Title:** Global Change: Past, Present and Future

**Course Number:** GEOG 205

**Instructor:** Professors Gail Chmura & Graham MacDonald

**Hours of work:** (per term) 135 hrs (2 positions)  
90 hrs (1 position)

**Number of TA positions available** (estimate): 3

**Dates of Appointment**

Starting: January 8, 2018  
Ending: April 30, 2018

**Salary:**

Hourly rate: \$29.33  
Per Term: \$3959.55(135 hrs), \$2639.70(90 hrs)

**Required Duties:**

- Office hours for student consultation include helping students with an assignment on isostatic rebound and sea level change, grading this assignment and exams (2 semester exams and final);
- Occasional assistance in class with exam invigilation, distribution of materials and multi-media presentations (videos, etc.).

**Qualifications Required:**

Background in introductory-level physical geography that includes geomorphology and Quaternary sciences.

**Name & Title of Course Supervisor:** Professors Gail Chmura and Graham MacDonald

**Dept. Authorization:** Prof. N. Roulet

**Date:** October 13, 2017

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**Date of Posting:** October 13, 2017

**Hiring Unit & Address:** Geography  
Burnside Hall Rm 705

**Application Deadline Date:** November 13, 2017

**Course Title:** Global Places and People

**Course Number:** GEOG 210

**Instructor:** Professors Brian Robinson & Yann le Polain de Waroux

**Hours of work:** (per term) 135 hrs (2 positions)  
90 hrs(1 position)

**Number of TA positions available** (estimate): 3

**Dates of Appointment**

Starting: January 8, 2018

Ending: April 30, 2018

**Salary:**

Hourly rate: \$29.33

Per Term: \$3959.55(135 hrs), \$2639.70(90 hrs)

**Required Duties:**

- Grading of course examinations and compiling results. Questions on midterms will be in short-answer format (1 paragraph), multiple choice, etc. The instructors will provide detailed answer keys.
- Assisting with & grade field exercises and/or projects. Answer keys or grading rubrics will be provided.
- Invigilation of midterm exams, including distributing, collating, and verifying midterm exam papers.
- When necessary, assist in compilation and photocopying of course materials. Some viewing of videos might be required for grading.
- Hold office hours once a week for student enquiries regarding course material and evaluations.
- Some grading of student work; and collation and verifying of grades/papers.
- MyCourses management. Show videos to class and manage AV equipment.
- All TAs should be available on campus until the final exam has been fully graded (as late as the first week of May).

**Qualifications Required:**

- Familiarity with Basic Themes in Cultural Geography, Political Geography, and Social-economic Geography
- Bilingual an Asset
- Ability to manage database/spreadsheets

**Name & Title of Course Supervisors:** Professors Brian Robinson & Yann le Polain de Waroux

**Dept. Authorization:** Prof. N. Roulet

**Date:** October 13, 2017

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**Date of Posting:** October 13, 2017

**Hiring Unit & Address:** Geography  
Burnside Hall Rm 705

**Application Deadline Date:** November 13, 2017

**Course Title:** Cities in the Modern World

**Course Number:** GEOG 217

**Instructor:** Professors Benjamin Forest & Natalie Oswin

**Hours of work:** (per term) 90 hours

**Number of TA positions available** (estimate): 4

**Dates of Appointment**

Starting: January 8, 2018

Ending: April 30, 2018

**Salary:**

Hourly rate: \$29.33

Per Term: \$2639.70

**Required Duties:**

- The bulk of TA hours will be devoted to grading the midterms (scheduled early March and during final exam period), and a 5-page report (due at the end of the semester). TAs should be available on campus during these times. Most questions on these tests will be in short-answer format (1-3 paragraphs), and the instructors will provide detailed answer keys.
- Attendance at lectures and reading the course material are optional, but TAs will be expected to read the lecture notes and/or readings that provide the basis of the questions they grade. TAs will be expected to help invigilate the midterm exam (evenings ~5:30-8:30PM; and/or during class time). There may be additional miscellaneous duties as well.
- One TA will oversee the urban transect project for the class, including leading two sets of conferences in early-February and mid-March. This TA will grade projects rather than exams.
- All TAs should be available on an ad-hoc basis with 2-day notice, and should plan to be on campus until the all course material has been fully graded and the final grades submitted (as late as mid-May).

**Qualifications Required:**

At a minimum, TAs should have a broad familiarity with human geography or urban studies. Introductory-level (or above) coursework in urban geography, urban planning, and/or urban studies is strongly preferred.

**Name & Title of Course Supervisor:** Professors Benjamin Forest & Natalie Oswin

**Dept. Authorization:** Prof. N. Roulet

**Date:** October 13, 2017

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Date of Posting: October 13, 2017

Hiring Unit & Address: Geography  
Burnside Hall Rm 705

Application Deadline Date: November 13, 2017

Course Title: EARTH'S CHANGING SURFACE

Course Number: GEOG 272  
Instructor: Prof. W. Pollard

Hours of work: (per term) 90

Number of TA positions available (estimate): 2

Dates of Appointment  
Starting: Jan. 8, 2018  
Ending: April 30, 2018

Salary:  
Hourly rate: \$29.33  
Per Term: \$2639.70

#### Required Duties:

- Photocopying and exercise preparation, reserves, myCourses input and coordinating maps for exercises
- Helping students with and grading topographic map based exercises, office hours
- Grading mid-term and part of the final

#### Qualifications Required:

Background in geomorphology and ideally some geology, field oriented, good with topographic maps and map reading in general

Name & Title of Course Supervisor: Prof. W. Pollard

Dept. Authorization: Prof. N. Roulet

Date: October 13, 2017

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Date of Posting: October 13, 2017

Hiring Unit & Address: Geography  
Burnside Hall Rm 705

Application Deadline Date: November 13, 2017

Course Title: Health Geography

Course Number: GEOG 303  
Instructor: Prof. Prof. Mylene Riva

Hours of work: (per term): 90-hr (2 positions)

Number of TA positions available (estimate): 2

Dates of Appointment  
Starting: January 8, 2018  
Ending: April 30, 2018

Salary:  
Hourly rate: \$29.33  
Per Term: \$2639.70

#### Required Duties:

- Marking of assignments and parts of exams in close consultation with instructor
- Hold weekly office hours (2 hrs/week)
- Advise students on assignments through email support
- Offer tutoring as required
- Contribute to course management on myCourses

#### Qualifications Required:

- Knowledge of Excel spreadsheet software
- Basic understanding of concepts in health geography
- Introductory level statistical knowledge
- Experience marking assignments
- Fluency in English to grade essays
- Effective interpersonal skills
- Knowledge of MyCourses

Language Requirements (if relevant):

Name & Title of Course Supervisor: Prof. Mylene Riva

Dept. Authorization: Prof. N. Roulet

Date: October 13, 2017

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**Date of Posting:** October 13, 2017

**Hiring Unit & Address:** Geography  
Burnside Hall Rm 705

**Application Deadline Date:** November 13, 2017

**Course Title:** Raster Geo-Information Science

**Course Number:** GEOG 306

**Instructor:** Professor Bernhard Lehner

**Hours of work:** (per term) 1 90-hr position &  
1 45-hr position

**Number of TA positions available** (estimate): 2

**Dates of Appointment**

Starting: January 8, 2018

Ending: April 30, 2018

**Salary:**

Hourly rate: \$29.33

Per Term: \$2639.70(90 hr) / 1319.85(45 hr)

**Required Duties:**

- Assist in GIC classroom and audio-visual setup.
- Assist in GIC laboratory.
- Assist in (or administer) previously created GIS tutorials during lab sessions.
- Assist students with development of final project ideas (including data access, downloads and manipulation).
- Grade (or support grading of) GIS assignments, lab exercises, final project, mid-term and final exams.

**Qualifications Required:**

- Strong GIS knowledge and advanced working ability within ESRI's ArcGIS 10,x software environment.
- Must have taken an appropriate sequence of GIS courses (from beginner to intermediate level, e.g. Geog201, Geog306, Geog307).
- Some GIS customization/programming knowledge is an asset.
- Good communication skills and patience interacting with students are required.

**Name & Title of Course Supervisor:** Professor B. Lehner

**Dept. Authorization:** Prof. N. Roulet

**Date:** October 13, 2017

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**Date of Posting:** October 13, 2017

**Hiring Unit & Address:** Geography  
Burnside Hall Rm 705

**Application Deadline Date:** November 13, 2017

**Course Title:** Socioeconomic Applications of GIS

**Course Number:** GEOG 307

**Instructor:** Professor Raja Sengupta

**Hours of work:** (per term) 1 90-hr position &  
1 45-hr position

**Number of TA positions available** (estimate): 2

**Dates of Appointment**

Starting: January 8, 2018

Ending: April 30, 2018

**Salary:**

Hourly rate: \$29.33

Per Term: : \$2639.70(90 hr) / \$1319.85(45 hr)

**Required Duties:**

- Administer previously created GIS labs/tutorials during lab sessions.
- Assist students with development of final project ideas (including data access and downloading, and manipulation).
- Grade the labs when completed.
- Grade the final project.

**Qualifications Required:**

- Requires knowledge of both ESRI ArcView and ArcGIS software, and some customization/programming knowledge.
- Must have taken the following courses (or their equivalents): GEOG 201: Intro to GIS, GEOG 306: Raster GIS, GEOG 307: Socio-economic Applications of GIS, GEOG 506: Seminar in GeoInformation Science

**Name & Title of Course Supervisor:** Professor Raja Sengupta

**Dept. Authorization:** Prof. N. Roulet

**Date:** October 13, 2017

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**Date of Posting:** October 13, 2017

**Hiring Unit & Address:** Geography  
Burnside Hall Rm 705

**Application Deadline Date:** November 13, 2017

**Course Title:** Development and Livelihoods

**Course Number:** GEOG 310

**Instructor:** Professors Yann le Polain de Waroux, Sarah Turner & George Wenzel

**Hours of work:** (per term) 90 hrs (3 positions)

**Number of TA positions available** (estimate): 3

**Dates of Appointment**

Starting: January 8, 2018

Ending: April 30, 2018

**Salary:**

Hourly rate: \$29.33

Per Term: \$2639.70

**Required Duties:**

- Grading exams, quizzes, and assignments.
- Assist with office hours.
- Assist with in-class activities.

**Qualifications Required:**

- Knowledge of Excel spreadsheet software and introductory level statistical knowledge
- Strong understanding of concepts in development geography
- Experience marking assignments and providing clear feedback
- Fluency in English to grade assignments
- Effective interpersonal skills
- Knowledge of MyCourses Management

**Name & Title of Course Supervisor:** Professors George Wenzel, Yann le Polain de Waroux and Sarah Turner

**Dept. Authorization:** Prof. N. Roulet

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**Date of Posting:** October 13, 2017

**Hiring Unit & Address:** Geography  
Burnside Hall Rm 705

**Application Deadline Date:** November 13, 2017

**Course Title:** Environmental Hydrology

**Course Number:** GEOG 322

**Instructor:** Professors Nigel Roulet & Bernhard Lehner

**Hours of work** (per term): 90-hrs(2 positions )

**Number of TA positions available:** 2

**Dates of Appointment:**

Starting: January 8, 2018

Ending: April 30, 2018

**Salary:**

Hourly rate: \$29.33

Per Term: \$2639.70

**Required Duties:**

- Short presentation to class on the take home assignments in lecture periods
- Grading of three to five assignments and some parts of the mid-term and final examination based on marking key provided by the course instructors
- Management of the grade sheets
- Weekly office hours
- Advising students on the writing of a precis of a research paper and / or annotated bibliographies
- Grading of a precis assignment

**Qualifications Required:**

- Good conceptual understanding of surface hydrological processes including precipitation, evapotranspiration, controls on water storage in the soil water and groundwater zone, the production of runoff in catchments, runoff regime of large rivers, and the catchment hydrology of permafrost regions, forested catchment in the boreal and temperate zone, wetlands, and lakes and reservoirs
- Ability to communicate clearly and effectively to students from a mix of educational science backgrounds
- Working knowledge of MyCourses WebCT: e.g. posting lectures and reading material, posting course announcements; assignment dropbox; etc.
- Ability to effectively co-manage with instructors a course grade sheets effectively
- Patience and empathy when dealing with students
- Experience with using bibliographic search engines such as Scopus or Web of Science and bibliographic software such as Endnote
- Excellent English skills: grammar and composition

**Name & Title of Course Supervisor:** Professors Nigel Roulet & Bernhard Lehner

**Dept. Authorization:** Prof. N. Roulet

**Date:** October 13, 2017

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**Date of Posting:** October 13, 2017

Hiring Unit & Address: Geography  
Burnside Hall Rm 705

**Application Deadline Date:** November 13, 2017

**Course Title:** New Master-Planned Cities

**Course Number:** GEOG 325

**Instructor:** Professor Sarah Moser

**Hours of work:** (per term) 1 90-hr position &  
1 45-hr position

Number of TA positions available (estimate): 2

**Dates of Appointment**

Starting: January 8, 2018

Ending: April 30, 2018

**Salary:**

Hourly rate: \$ 29.33

Per Term: \$ 2639.70(90 hr) / \$1319.85(45 hr)

**Required Duties:**

- grading papers and exams
- administrative work
- giving 1-2 lectures on an aspect of new cities

**Qualifications Required:**

- The T.A. must have some background understanding of new master-planned cities, experience with discourse analysis and qualitative methods, and an understanding of urban cultural politics.
- Ideally, the T.A.'s research focuses on the phenomenon of new master-planned cities somewhere in the Global South.
- Having taken urban geography and planning courses is an asset.

Name & Title of Course Supervisor: Professor Sarah Moser

Dept. Authorization: Prof. N. Roulet

Date: October 13, 2017

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**Date of Posting:** October 13, 2017

**Hiring Unit & Address:** Geography  
Burnside Hall Rm 705

**Application Deadline Date:** November 13, 2017

**Course Title:** Quantitative Methods

**Course Number:** GEOG 351

**Instructor:** Professor Sebastien Breau

**Hours of work:** (per term) 135-hrs(1 position)

**Number of TA positions available** (estimate): 1

**Dates of Appointment:**

Starting: January 8, 2018

Ending: April 30, 2018

**Salary:**

Hourly rate \$29.33

Per Term: \$3959.55

## Required Duties

- Grading (lab assignments, midterm and final exams)
- Lead a few lab sessions during semester
- Assist in responding to student emails and basic maintenance on myCourses.

## Qualifications Required:

- Strong background in basic statistics and regression analysis
- Knowledge of STATA preferred but not required

**Name & Title of Course Supervisor:** Professor Sebastien Breau

**Dept. Authorization:** Prof. N. Roulet

**Date:** October 13, 2017

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**Date of Posting:** October 13, 2017

Hiring Unit & Address: Geography  
Burnside Hall Rm 705

**Application Deadline Date:** November 13, 2017

**Course Title:** Analyzing Sustainability

**Course Number:** GEOG 360

**Instructor:** Professor Brian Robinson

**Hours of work:** (per term) 90

Number of TA positions available (estimate): 1

**Dates of Appointment**

Starting: January 8, 2018

Ending: April 30, 2018

**Salary:**

Hourly rate: \$ 29.33

Per Term: \$ 2639.70

**Required Duties:**

- Assist students with up to five assignments in the active learning classroom, Burnside 511, and be present during the midterm exam and student presentations.
- Grade assignments (which may be in the form of lab reports, paper summaries, etc.) and midterm exam
- Hold office hours as needed (in consultation with the Instructor)
- Assist with responding to student email queries and myCourses discussion posts
- Manage course grade sheet and help post materials on myCourses

**Qualifications Required:**

- Experience with sustainability analysis. This could include familiarity with: emissions allocations between nations; cost-benefit analysis; trade-off analysis; spatial analysis; reserve design; and environmental management
- Strong quantitative, analytical, and problem-solving skills
- Strong familiarity with Microsoft Excel (including use of formulas and functions); familiarity with basic statistical techniques or GIS would be helpful
- Strong communication skills and enthusiasm to patiently assist students
- Good organizational skills

**Note: This course involves challenging analytical work. Please contact the instructor to discuss the specific analytic approaches that may be used in the class if you have concerns before applying to be a TA.**

**Name & Title of Course Supervisor:** Professor Brian Robinson

Dept. Authorization: Prof. N. Roulet

Date: October 13, 2017

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**Date of Posting:** October 13, 2017

**Hiring Unit & Address:** Geography  
Burnside Hall Rm 705

**Application Deadline Date:** November 13, 2017

**Course Title:** Principles of Geospatial Web

**Course Number:** GEOG 384

**Instructor:** Professor Renee Sieber

**Hours of work:** (per term) 90 hrs

**Number of TA positions available** (estimate): 1

**Dates of Appointment**

Starting: January 8, 2018

Ending: April 30, 2018

**Salary:**

Hourly rate: \$29.33

Per Term: \$2639.70

**Required Duties:**

- Grading
- Running coding workshops on Javascript
- Assistance with Javascript and coding in general
- Assistance in design of assignments

**Qualifications Required:**

- Real-world coding skills (Javascript preferable)
- Experience with web development and offline development (database, server, user interface)
- Skills in data visualization (SVG preferred)
- Good organization skills

**Name & Title of Course Supervisor:** Professor Renee Sieber

**Dept. Authorization:** Prof. N. Roulet

**Date:** October 13, 2017

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**Date of Posting:** October 13, 2017

**Hiring Unit & Address:** Geography  
Burnside Hall Rm 705

**Application Deadline Date:** November 13, 2017

**Course Title:** Issues in Geography - Environmental Systems Modelling

**Course Number:** GEOG 407

**Instructor:** Professors Graham MacDonald and Nigel Roulet

**Hours of work:** (per term) 135 hrs (1 position)

**Number of TA positions available** (estimate): 1

**Dates of Appointment**

Starting: January 8, 2018

Ending: April 30, 2018

**Salary:**

Hourly rate: \$29.33

Per Term: \$3959.55

**Required Duties:**

- Assist students with weekly modelling exercises (mostly using STELLA®) in the active learning classroom, Burnside 511
- Grade assignments (which may be in the form of lab reports or short essays) and midterm exam
- Hold office hours as needed (in consultation with the instructors)
- Assist with responding to student email queries regarding assignments
- Manage course grade sheet; help to organize and post assignment materials on *myCourses* as needed
- Grade assignments for the allied offering of GEOG 501 which uses some of the same laboratory exercises
- Assist GEOG 501 students who sit in on this course with technical questions on their independent models

**Qualifications Required:**

- Experience with computational modeling packages (e.g. STELLA®, POWERISM®, VENISM®, SIMILIE®, etc.) or other relevant software in a modelling context (e.g., R, MATLAB®, etc.) is preferred
- Coursework in environmental systems and familiarity with sustainability science concepts
- Strong quantitative, analytical, and problem-solving skills; familiarity with Microsoft Excel®
- Strong communication skills and enthusiasm to patiently assist students

**Note: This course involves challenging analytical work. Please contact the instructors to discuss the specific analytic approaches that may be used in the class if you have concerns before applying to be a TA.**

**Name & Title of Course Supervisor:** Professor Graham MacDonald and Nigel Roulet

**Dept. Authorization:** Professors Nigel Roulet

**Date:** October 13, 2017

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