Teaching Assistantship
Position Posting
McGill University

McGill University is Committed to Equity in Employment

Date of Posting: January 8, 2018

Hiring Unit & Address: Geography
Burnside Hall Rm 705

Application Deadline Date: January 11, 2018

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: January 8, 2018

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 date.
## Teaching Assistantship Position Posting

**McGill University**

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<table>
<thead>
<tr>
<th>Date of Posting:</th>
<th>January 4, 2018</th>
<th>Hiring Unit &amp; Address:</th>
<th>Geography Burnside Hall Rm 705</th>
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<table>
<thead>
<tr>
<th>Course Title:</th>
<th>Socioeconomic Applications of GIS</th>
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<tr>
<th>Course Number:</th>
<th>GEOG 307</th>
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<tr>
<th>Instructor:</th>
<th>Professor Raja Sengupta</th>
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<table>
<thead>
<tr>
<th>Hours of work:</th>
<th>(per term) 45 hrs</th>
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<tr>
<th>Number of TA positions available (estimate):</th>
<th>1</th>
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<tr>
<th>Dates of Appointment</th>
<th>Salary:</th>
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<tbody>
<tr>
<td>Starting: January 8, 2018</td>
<td>Hourly rate: $29.33</td>
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<tr>
<td>Ending: April 30, 2018</td>
<td>Per Term: $1319.85</td>
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### 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:** January 4, 2018

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**NOTE:** Announcements are considered tentative, pending final determination of course offerings and enrolments.
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Course Title: Environmental Hydrology

Course Number: GEOG 322
Instructor: Professors Nigel Roulet & Bernhard Lehner

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<tr>
<th>Hours of work (per term): 90 hrs</th>
<th>Number of TA positions available: 1</th>
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| Dates of Appointment:          | Salary:                            |
| Starting: January 8, 2018      | Hourly rate: $29.33 |
| Ending: April 30, 2018         | Per Term: $2639.70 |

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<thead>
<tr>
<th>Required Duties:</th>
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<tbody>
<tr>
<td>Short presentation to class on</td>
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<tr>
<td>the take home assignments in</td>
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<tr>
<td>lecture periods</td>
</tr>
<tr>
<td>Grading of three to five</td>
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<td>assignments and some parts of</td>
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<tr>
<td>the mid-term and final</td>
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<td>examination based on marking</td>
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<td>key provided by the course</td>
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<td>instructors</td>
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<td>Management of the grade sheets</td>
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<td>Weekly office hours</td>
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<td>Advising students on the writing</td>
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<td>of a precis of a research paper</td>
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<td>and / or annotated bibliographies</td>
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<td>Grading of a precis assignment</td>
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<th>Qualifications Required:</th>
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<tr>
<td>Good conceptual understanding</td>
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<tr>
<td>of surface hydrological</td>
</tr>
<tr>
<td>processes including</td>
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<tr>
<td>precipitation, evapotranspiration,</td>
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<td>controls on water storage in</td>
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<td>the soil water and groundwater</td>
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<td>zone, the production of runoff</td>
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<td>in catchments, runoff regime</td>
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<tr>
<td>of large rivers, and the</td>
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<td>catchment hydrology of</td>
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<tr>
<td>permafrost regions, forested</td>
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<td>catchment in the boreal and</td>
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<td>temperate zone, wetlands, and</td>
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<td>lakes and reservoirs</td>
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<tr>
<td>Ability to communicate clearly</td>
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<tr>
<td>and effectively to students</td>
</tr>
<tr>
<td>from a mix of educational</td>
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<tr>
<td>science backgrounds</td>
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<td>Working knowledge of MyCourses</td>
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<td>WebCT: e.g. posting lectures</td>
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<td>and reading material, posting</td>
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<td>course announcements; assignment</td>
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<td>dropbox; etc.</td>
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<td>Ability to effectively co-manage</td>
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<td>with instructors a course grade</td>
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<td>sheets effectively</td>
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<td>Patience and empathy when</td>
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<td>dealing with students</td>
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<td>Experience with using</td>
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<tr>
<td>bibliographic search engines</td>
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<tr>
<td>such as Scopus or Web of</td>
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<td>Science and bibliographic</td>
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<td>software such as Endnote</td>
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<td>Excellent English skills:</td>
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<td>grammar and composition</td>
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