

**Posting
RESEARCH ASSISTANT**

Position Title:	Regular Research Assistant
Hiring Unit:	Geographic Information Centre (GIC), Department of Geography
Supervisor:	Dr. Tim Elrick
Work Location:	Burnside Hall, Geographic Information Centre (GIC)
Hours/Week & Schedule:	35 hrs/week, flexible schedule according to tasks
Hourly Wage:	\$ 27.32 (plus benefits)
Planned Start Date & End Date:	April 1 st , 2018 to March 31 st , 2019
Date of Posting: (post for 5 working days minimum)	February 27 th , 2018
Deadline to Apply:	Reviewing of applications will start March 12 th , 2018

PRIMARY DUTIES

- to support the GIC director in geospatial data research on big (spatial) data
- to actively participate in research projects conducted by the GIC
- building geospatial databases on a Linux OS for those research projects
- building WebGIS/WebMap applications in research projects
- design and/or instruct user oriented workshops or tutorials (half day and three day long) on GIS and geospatial data science (and if desired on RS)
- to maintain and develop communication channels for the GIC and its research projects (website, Twitter account, ...)
- to assist in the organization of GIS Day, and other events organized by the GIC
- together with other GIC staff, provide support and advice to meet the needs of undergraduate, graduate and faculty users of the GIC

EDUCATION/EXPERIENCE

- master degree
- substantive knowledge in a programming language including R, JavaScript and (PostGre)SQL
- knowledge of how to handle big data including ElasticSearch or Hadoop
- knowledge of maintaining a Linux server including data security
- advanced knowledge of geospatial data methods including R and ArcGIS or QGIS
- knowledge of how to work with confidential digital data

OTHER QUALIFYING SKILLS & ABILITIES

- display high degree of emotional and social intelligence to frequently interact with students and other researchers
- sound communication skills
- ability to work in a team with different skill levels
- willingness and ability to learn skills required to fulfil the duties, if not mentioned in the requirements above

HOW TO APPLY

Please submit your application to:

Dr. Tim Elrick by e-mail (tim.elrick@mcgill.ca)

McGill University is committed to equity in employment and diversity. It welcomes applications from indigenous peoples, visible minorities, ethnic minorities, persons with disabilities, women, persons of minority sexual orientations and gender identities, and others who may contribute to further diversification.