



## Earth Sciences UNIVERSITY OF TORONTO

[The Department of Earth Sciences](#) in the Faculty of Arts & Science at the University of Toronto invites applications for a full-time tenure stream position in the area of Applied Geophysics. The appointment will be at the rank of Associate Professor or Professor, and will commence on July 1, 2020, or shortly thereafter. The successful candidate will be appointed as the endowed Teck Chair in Exploration Geophysics for a five-year term, renewable following a favourable review.

Applicants must have earned a PhD degree in geophysics, physics, or a related area, with a demonstrated exceptional record of excellence in research and teaching. Candidates will have an established international reputation and will be expected to sustain and lead innovative and independent research at the highest international level and to maintain an outstanding, competitive, and externally funded research program. The successful candidate is expected to establish and maintain research programs that utilize and develop geophysical tools (e.g., seismic, magnetic, electrical, gravitational, and electromagnetic methods) for applications in (but not limited to) exploration and management of natural resources, environmental engineering, architecture and civil engineering. We seek candidates whose research program and teaching interests complement existing strengths of the [department](#) and the university in tectonics, seismology, rock mechanics, mineral deposits, machine learning, and high-performance computing, and enhance the long-standing tradition of excellence in pure and applied geophysics research in the Faculty of Arts & Sciences.

Candidates must provide evidence of research excellence as demonstrated by a record of sustained high-impact contributions and publications in top-ranked and field relevant journals, the submitted research statement, presentations at significant conferences, distinguished awards and accolades, and other noteworthy activities that contribute to the visibility and prominence of the discipline, as well as strong endorsements from referees of high standing.

Evidence of excellence in teaching will be provided through teaching accomplishments, the teaching dossier submitted as part of the application including a strong teaching statement, sample course syllabi, and the teaching evaluations, as well as strong letters of reference. The successful candidate will be expected to teach introductory geoscience courses and graduate and upper level undergraduate courses in fields related to their specialization, including field-based teaching of undergraduate and graduate students.

Toronto is a centre of activity for international geophysical exploration, and many companies specialising in exploration technology are located in the area. The Teck Chair will be expected to take advantage of industry and industry-focussed governmental research funding to establish and lead a vigorous programme of research and graduate study in the field of exploration geophysics. The successful candidate will

be expected to enhance the Department's links with the Department of Physics and the Lassonde programme in the Faculty of Applied Sciences & Engineering.

Salary and rank will be commensurate with qualifications and experience.

All qualified candidates are invited to apply online by clicking the link below. Applicants must submit a cover letter; a current curriculum vitae; statements describing their research program and teaching philosophy (of no more than 5 pages each); and a teaching dossier to include a teaching statement, sample course syllabi and teaching evaluations.

Applicants must also arrange to have three letters of reference sent directly by the referee via email (on letterhead and signed) to [geol\\_sec@es.utoronto.ca](mailto:geol_sec@es.utoronto.ca) by the closing November 18, 2019.

Submission guidelines can be found at <http://uoft.me/how-to-apply>. We recommend combining attached documents into one or two files in PDF/MS Word format. If you have any questions about this position, please contact [geol\\_sec@es.utoronto.ca](mailto:geol_sec@es.utoronto.ca).

The University of Toronto is strongly committed to diversity within its community and especially welcomes applications from racialized persons / persons of colour, women, Indigenous / Aboriginal People of North America, persons with disabilities, LGBTQ persons, and others who may contribute to the further diversification of ideas.

As part of your application, you will be asked to complete a brief Diversity Survey. This survey is voluntary. Any information directly related to you is confidential and cannot be accessed by search committees or human resources staff. Results will be aggregated for institutional planning purposes. For more information, please see <http://uoft.me/UP>.

All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority.