

ASSISTANT PROFESSOR - MINERAL SYSTEMS SEARCH AT THE UNIVERSITY OF TORONTO

The Department of Earth Sciences in the Faculty of Arts and Science at the University of Toronto invites applications for a full-time tenure stream position in the area of **Mineral Systems**. The appointment will be at the rank of Assistant Professor, with an expected start date of July 1, 2023.

Applicants must have earned a PhD in geology, Earth or planetary sciences, or a closely related discipline by the time of appointment, or shortly thereafter, with a demonstrated record of excellence in research and teaching. We seek candidates whose research and teaching interests complement and enhance our existing departmental strengths. We invite applicants pursuing innovative research on any aspect of mineral systems, including field-based, experimental or data-science-oriented approaches that explore how Earth's mineral systems evolve and interact with the geo- and/or biosphere. Possible areas of specialization may include, but are not limited to, mineral exploration (especially critical minerals important to green energy and sustainability), mineral records of igneous and metamorphic evolution, fluid-rock interactions, biomineralogy and environmental mineralogy. The successful candidate will be expected to pursue impactful and independent research at the highest international level and to establish an outstanding, competitive, and externally funded research program.

Candidates must provide evidence of research excellence, which can be demonstrated by a record of publications in top-ranked and field relevant journals or forthcoming publications meeting high international standards, the submitted research statement, presentations at significant conferences, a track record of obtaining independent research funding, awards and accolades and strong endorsements from referees of high standing.

Evidence of excellence in teaching will be demonstrated by teaching accomplishments, and the teaching dossier, including a teaching statement, sample course materials, and teaching evaluations or other evidence of superior performance in teaching-related activities submitted as part of the application, as well as strong endorsements by referees. Other teaching-related activities can include performance as a teaching assistant or course instructor, experience leading successful workshops or seminars, student mentorship, or excellent conference presentations or posters. The successful candidate will be expected to contribute substantively to both graduate and undergraduate teaching in the Department.

Candidates are also expected to show evidence of a commitment to equity, diversity, inclusion, and the promotion of a respectful and collegial learning and working environment demonstrated through the application materials. Demonstration of how the candidate would bring new perspectives to the Department, experiences and meaningful plans for connecting to groups that have been historically marginalized in the geosciences are criteria that will be considered in our evaluation of excellence.

Salary will be commensurate with qualifications and experience.

The University of Toronto provides exceptional opportunities for collaborative and interdisciplinary research and teaching, and actively encourages cutting-edge scholarship. Furthermore, it offers the excitement of working with a diverse, high-achieving student population. The Department of Earth Sciences maintains a suite of modern equipment for hands-on geophysics teaching, and offers a vibrant, top-ranked Earth Sciences [graduate program](#) spanning the three campuses of the University of Toronto (including the [Department of Physical and Environmental Sciences at University of Toronto Scarborough](#) and the [Department of Chemical and Physical Sciences at University of Toronto Mississauga](#)). The successful candidate would also have ample opportunity to engage with cognate units at the University of Toronto such as the [Open Centre for the Characterization of Advanced Materials](#) and the [Lassonde Institute of Mining](#), within the [Faculty of Applied Science and Engineering](#), as well as partner institutions such as the [Royal Ontario Museum](#). Opportunities are also available to work with a wide range of public and private organizations, groups, and institutions that reflect the region's diversity. Seen as one of the most multicultural places in the world, Toronto is a thriving cultural and intellectual hub offering an outstanding quality of life.

All qualified candidates are invited to apply online by clicking the link below. Application materials must include the following:

- Cover letter (maximum 1 page)
- Current curriculum vitae
- A research statement outlining current and future research interests (maximum 3 pages)
- Electronic copies of three most significant research publications
- A teaching dossier to include:
 - a statement of teaching interests and philosophy (maximum 2 pages)
 - any other documentation demonstrating excellence in teaching, which can include activities as a teaching assistant or course instructor, experience leading successful workshops or seminars, mentorship, outreach or conference presentation or posters, as well as teaching evaluations, course materials.
- A statement outlining contributions and a commitment to equity, diversity and inclusion (1 page)
 - Topics might include (but are not limited to): research or teaching that incorporates a focus on underrepresented communities, improving accessibility in the geosciences, the development of inclusive pedagogies, or the mentoring of or engaging with students from underrepresented groups

Applicants must provide the name and contact information of three references. The University of Toronto's recruiting tool will automatically solicit and collect letters of reference from each

after an application is submitted (this happens overnight). Applicants remain responsible for ensuring that references submit letters (on letterhead, dated and signed) by the closing date.

Submission guidelines can be found at <http://uoft.me/how-to-apply>. Your CV and cover letter should be uploaded into the dedicated fields. Please combine additional application materials into one PDF file.

If you have any questions about this position, please contact Ampy Tolentino, Assistant to the Chair of Earth Sciences, at geol_sec@es.utoronto.ca

All application materials, including reference letters, must be received by January 31, 2023.

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

Diversity Statement

The University of Toronto embraces Diversity and is building a culture of belonging that increases our capacity to effectively address and serve the interests of our global community. We strongly encourage applications from Indigenous Peoples, Black and racialized persons, women, persons with disabilities, and people of diverse sexual and gender identities. We value applicants who have demonstrated a commitment to equity, diversity and inclusion and recognize that diverse perspectives, experiences, and expertise are essential to strengthening our academic mission.

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>.

Accessibility Statement

The University strives to be an equitable and inclusive community, and proactively seeks to increase diversity among its community members. Our values regarding equity and diversity are linked with our unwavering commitment to excellence in the pursuit of our academic mission.

The University is committed to the principles of the Accessibility for Ontarians with Disabilities Act (AODA). As such, we strive to make our recruitment, assessment and selection processes as accessible as possible and provide accommodations as required for applicants with disabilities.

If you require any accommodations at any point during the application and hiring process, please contact uoft.careers@utoronto.ca.