



## Post-doctoral researcher in detrital zircon geochronology

The Department of Earth, Ocean and Atmospheric Sciences (EOAS) is seeking a post-doctoral researcher in detrital zircon geochronology. The successful candidate will undertake a project relating the isotopic and geochemical compositions of minerals in modern rivers to the geology exposed in their catchments. The ideal candidate will have a demonstrated ability to integrate geological concepts related to sediment transportation within a source-to-sink system and detrital geochronology. Background and experience with laboratory analytical methods and/or numerical methods of analyzing multi-variate detrital data sets is also required. The ability to integrate additional data sets (such as microXRF or petrology) into a quantitative interpretive framework would be considered an asset, as would a background in coding.

EOAS is a dynamic, inter-disciplinary Earth Sciences department, with research and teaching interests spanning the history of Earth and its functioning from the core to the stratosphere. (<http://www.eoas.ubc.ca/>).

The successful candidate will have completed their Ph.D. in a field closely related to the topics described above by the starting date and will be no more than 5 years from completion of their Ph.D. by the start date. This position has a 24-month duration and a salary of CAD\$67,000. The successful candidate will be encouraged to apply for external funding and may be eligible for further internal awards and positions.

The deadline for applications is 21 October 2023. The earliest start date is January 2024 and the latest start date is September 2024.

Applicants should submit the following items:

- 1) Cover letter
- 2) Current curriculum vitae
- 3) Names and contact information for 3 references.

Candidates can submit their application here: [https://ubc.wd10.myworkdayjobs.com/en-US/ubcfacultyjobs/job/UBC-Vancouver-Campus/Post-doctoral-Researcher-in-Detrital-Zircon-Geochronology\\_JR14491](https://ubc.wd10.myworkdayjobs.com/en-US/ubcfacultyjobs/job/UBC-Vancouver-Campus/Post-doctoral-Researcher-in-Detrital-Zircon-Geochronology_JR14491)

For further information or questions regarding this position should be directed to [jobs@eoas.ubc.ca](mailto:jobs@eoas.ubc.ca) include the submit line "PDF Detrital Zircon".

*Equity and diversity are essential to academic excellence. An open and diverse community fosters the inclusion of voices that have been underrepresented or discouraged. We encourage applications from members of groups that have been marginalized on any grounds enumerated under the B.C. Human Rights Code, including sex, sexual orientation, gender identity or expression, racialization, disability, political belief, religion, marital or family status, age, and/or status as a First Nation, Metis, Inuit, or Indigenous person.*