



Post-Doctoral Researcher: Petrophysics / Subsurface Evaluation

The [Applied Research in Ichnology and Sedimentology \(ARISE\) Group](#) in the [Department of Earth Sciences](#) at Simon Fraser University (SFU) is seeking a postdoctoral researcher for a 2-year term starting in the Summer 2024. The post-doctoral researcher will be part of a team modelling sedimentary strata below the Lower Mainland BC and Strait of Georgia to assess their potential for carbon storage. The position offers an opportunity to work in a motivating and positive research-intensive environment and to pursue novel research while working on a project with positive implications for society. Specific responsibilities include managing and advancing our 3D geological model for the basin, overseeing graduate students working on the project, and publishing research results.

The successful applicant must:

- have a PhD in geoscience (geology or geophysics),
- have expertise in petrophysics and subsurface evaluation, and
- be proficient in using Petrel (geological modelling software).

Other favorable attributes include:

- a record of publishing in subsurface geoscience or a related field,
- excellent communication skills,
- an ability to work as part of a team, and
- experience in carbon sequestration.

All qualified candidates are encouraged to apply; however, Canadian Citizens and Permanent Residents will be given priority. Instruction at SFU is in English and so being able to communicate fluently in English is necessary. Simon Fraser University is committed to employment equity and encourages applications from all qualified applicants of any gender, members of under-represented groups, Indigenous peoples, persons with disabilities, and LGBTQ+ persons. The University acknowledges the potential impact of career interruptions on a candidate's record of research productivity and encourages qualified candidates to explain any impact career interruptions may have had on their record of research achievements.

This is a full-time position, and the successful candidate is expected to be on campus (work in-person) at least 3 days a week; otherwise there is flexibility in the work schedule. The successful candidate can expect a salary between \$65,000 and \$75,000 CDN a year (plus extended health and dental benefits) depending on their expertise. The position also includes 3 weeks vacation.

Qualified applicants, please send your CVs and a cover letter to Dr. Shahin Dashtgard (sdashtga@sfu.ca). We hope to have the position filled by the end of June 2024, but will consider applications until a suitable candidate is identified.