



**Multidisciplinary MSc Project in Structural  
Geology: Gros Morne National Park, west  
Newfoundland**

This project is a fully funded, multidisciplinary, field-based MSc, involving a strong component of geologic mapping, combined with structural analyses and geochronology. The study is located in western NL, within Gros Morne National Park. Fieldwork will mainly involve mapping and sampling within rocks of the Humber Arm Allochthon, largely exposed along the coast. The research aims to better understand the complex structural history of the region through detailed mapping, structural analyses and geochronological dating of veins and slickenfibres formed and/or deformed during major Appalachian Mountain building episodes. We are looking for applicants with a strong interest in geologic mapping and structural geology. The Department of Geology at SMU is dedicated to the development of a diverse and inclusive learning and research community. We strongly encourage all interested applicants to apply. Interested candidates should express interest ASAP, by emailing Dr. Shawna White ([Shawna.White@smu.ca](mailto:Shawna.White@smu.ca)).

The Department of Geology at SMU hosts faculty members with a broad range of expertise in Appalachian geology. Its prime location, within the Northern Appalachians, allows for the study of orogenic processes right in our own backyard. The University is located in the historic port city of Halifax, Nova Scotia, a vibrant, urban community of over 350,000 people. Halifax is a major educational centre for Atlantic Canada and is home to five universities. It is conveniently located close to recreational areas and to other major urban centres in Canada and the Northeastern United States. For information about the University and the Faculty of Science, please see <http://science.smu.ca/>.

The project is fully funded through the support of NSERC Discovery grants and will be co-supervised by Dr. Shawna White (SMU) and Dr. John Waldron (University of Alberta). The successful candidate is encouraged to apply for external funding, through scholarship, during their program. The official start date is September 2023. Initial field work (which will also be funded with a salary) will take place in July or August 2023. With your email, please include the following: (i) a current CV; (ii) an unofficial academic transcript; and (iii) the names as well as contact information (email) of two referees.