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In general, my research encompasses water/rock interaction processes from low to high temperatures that link metamorphic processes to element cycles in the Earth System. Currently, I apply in-situ dating tools such as Rb-Sr in biotite and K-feldspar as well as Lu-Hf in garnet to metamorphic rocks for various projects tied to the Grenville Tectonic Front and Abitibi. Through these geochronometers the timing of crust building processes can be assessed which contributes to a better understanding of the formation of economically critical mineral deposits in ancient metamorphic belts. Further, I am also active in advocating for Equity, Diversity, and Inclusion in Geoscience as a member of the EDI Committee of the Geochemical Society.