

OCGC Graduate Student Geoscience Seminars

April 15, 2021

12:30 pm – 5:30 pm

By Zoom

Time	Student Name	Degree	University	Title of Talk	Supervisor(s)
12:30 pm	Alexandra Gray	MSc	Ottawa	Geology of the Monowai rift zone and volcanic complex, Tonga-Kermadec arc: Implications for caldera-hosted hydrothermal systems in submarine volcanic arcs	Mark Hannington
12:45 pm	Yingzhou Li	PhD	Carleton	Chalcophile element heterogeneity in Zone 5-8 and 13-14 orebodies of Raglan Ni-Cu-(PGE) deposit: implications for ore-forming processes	Jim Mungall
1:00 pm	Hamed Mozafarishamsi	PhD	Ottawa	In situ production and migration of ¹²⁹ I in Cigar Lake deposits	Ian Clark, Matt Herod
1:15 pm	Claudia Augustin	PhD	Carleton	Petrology and Geochemistry of the Americano do Brasil Complex, Brasilia Belt, Central Brazil	Jim Mungall
1:30 pm	Nikolas Kristoffersen	MSc	Ottawa	Ammonium as a Vector for Low Sulfidation Epithermal Gold-Silver Mineralization: A Look at Martha, Favona, and Wharekirauponga (WKP) Deposits, Waihi district, New Zealand	Keiko Hattori
1:45 pm	Mary Besaw	MSc	Ottawa	Geology of the North Fiji Basin Triple Junction: A possible modern analog of late Archean mafic magmatism and VMS formation	Mark Hannington
2:00 pm	Simona Ruso	MSc	Ottawa	Stratigraphic architecture and characterization of a Neoproterozoic continental slope system, east-central British Columbia, Canada	William Arnott
2:15 pm	Grayson Bilak	PhD	Carleton	The provenance of the Exeter Lake Esker and its application in kimberlite exploration	Don Cummings, George Dix
2:30 pm	Matthew Marshall	MSc	Carleton	Siliceous Chrysophyte Remains in Crawford Lake, Ontario: Contributions to Defining of the Anthropocene	Tim Patterson
2:45 pm	Mitchell Richardson	MSc	Carleton	Investigation of short-term variation in greenhouse gas flux in agricultural fields and riparian zones	Rich Amos
3:00 pm	Break				
3:15 pm	Sarah Mount	MSc	Carleton	Short-lived ¹⁴² Nd and ¹⁸² W isotope study of Ungava Craton ferropicrites and the origin of Earth's ancient Fe-rich mantle domains	Hanika Rizo
3:30 pm	Fateme Hormozzade Ghalati	PhD	Carleton	Exploration of Geothermal resources using Magnetotellurics	Dariush Motazedian, Jim Craven
3:45 pm	Jeremy Gosselin	PhD	Ottawa	Using teleseismic data to image tectonic structure in the Hikurangi subduction zone, New Zealand	Pascal Audet
4:00 pm	Dana Korneisel	PhD	Carleton	Fate mapping in the Axolotl neck and implications for tetrapod evolution	Hillary Maddin
4:15 pm	Misha Whittingham	PhD	Carleton	Assessing the ecology of Permo-Carboniferous tetrapods using morphological data and floral associations	Hillary Maddin
4:30 pm	Sara Zeidan	MSc	Ottawa	Radiocarbon and stable carbon isotopic measurements of dissolved inorganic carbon (DIC) in Baffin Bay seawater	Brett Walker

4:45 pm	Shelina Akter	MSc	Ottawa	Stable Isotopes (d2H and d18O) Variations in Tap Water Across Canada: Tracing Water from Precipitation to Distribution and Assess Regional Water Resources vulnerability	Clement Bataille
5:00 pm	Sabrina Chan	MSc	Carleton	Stone Cabin Caldera, Nevada: Trace element and isotopic indicators of magma sources and crustal influence	Brian Cousens
5:15 pm	Paul Auerbach	PhD	Carleton	Unveiling the Cenozoic lithospheric mantle beneath the Great Basin: Upper mantle dynamics and isotope distributions	Brian Cousens