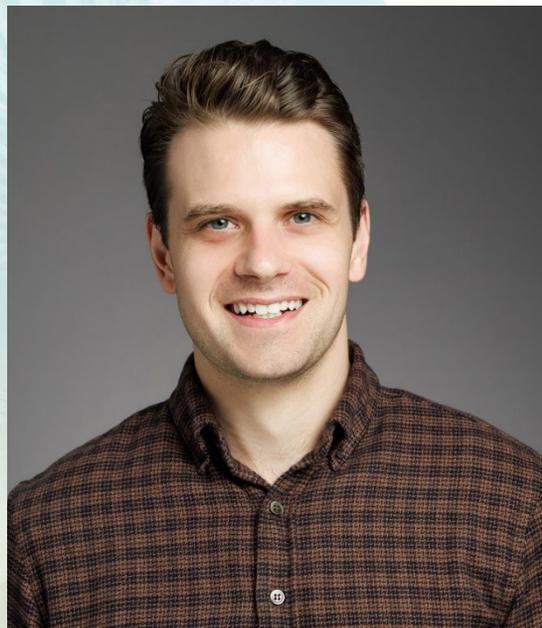




## Geochronology Candidate Presentations



You are invited to a set of presentations given by the candidate for the Geochronology position #36475.

### Dr. Jonathan Toma

Postdoctoral Associate

Department of Earth and Planetary Sciences, Yale University

**Student Presentation:** Wednesday, 3 December in 243 Wallace Building

**Title:** *“Colliding Worlds: How the Sudbury Impact Forged a Critical Mineral System”*

**Time:** 1:30 PM

**Research Presentation:** Thursday, 4 December in 223 Wallace Building

**Title:** *“From Orogenesis to Subduction: Timekeeping with Graphite”*

**Time:** 1:00 PM

Dr. Jonathan Toma is a postdoctoral researcher at Yale University and holds an MSc (2019) and PhD (2023) in Geology from the University of Alberta. Jonathan’s research integrates geochronological and geochemical insights to investigate organic carbon burial events, explore critical mineral formation, and examine element cycling in subduction zones and mountain belts.

Dr. Toma’s current work focuses on elucidating how and at what rates critical minerals, such as graphite, concentrate within Earth’s crust during major geotectonic events, offering new insights into Earth’s dynamic processes.