

# DIRT TALK

## *3 MINUTE THESIS GRADUATE STUDENT PRESENTATIONS*

SEPTEMBER 28, 2018, MILLIGAN ROOM, 4:00 PM

Come meet Dalhousie's Earth Science Graduate Students and learn what they have been up to with their latest research in 3 minutes with 1 slide! A few of them *bent* the rules a little bit, but it's not their *fault*, they are Earth Science students after all and everyone interprets different *structures* but still follow main *geological principals*!

### **Presenters:**

Erin Keltie (M.Sc), Supervisor: Dr. James Brenan

**The effect of crustal contamination on chromite formation in the Ring of Fire Intrusive Suite, Northern Ontario**

Bryan Maciag (Ph.D), Supervisor: Dr. James Brenan

**Experimenting up an apatite**

Kim Taylor (M.Sc), Supervisor: Dr. Owen Sherwood

**Stellarton, NS groundwater is lit, and it also emits CH<sub>4</sub>!**

Harold Keuhn (Ph.D), Supervisor: Dr. Mladen Nedimovic

**Along-Trench Segmentation and Downdip Limit of Seismogenic Zone at the Eastern Alaska-Aleutian Subduction Zone**

Sean Kelly (M.Sc), Supervisor: Chris Beaumont

**Mantle-scale geodynamics of the India-Asian collision zone**

Shoamin Chen (Ph.D), Supervisor: Dr. Owen Sherwood, Dr. Dave Risk

**Development of a new biogeochemical proxy for sea ice algae in the Arctic**

Sydney Stashin (M.Sc), Supervisor: Dr. John Gosse

**Camels in the Arctic and other landscape evolution stories**

Carlos Wong (M.Sc), Supervisor: Dr. Grant Wach

**Petroleum Systems modelling of Potential Lower Jurassic Source Rock along the Scotia Margin**

Yuqui Zhao (M.Sc), Supervisor: Dr. Djordje Grujic

**Recurrence interval of large earthquakes in the Eastern Himalaya**

Richard Chow (M.Sc), Supervisor: Dr. Yana Fedortchouk

**Volatile degassing and formation of different kimberlite facies-trace element partitioning between apatite and kimberlite-like melts**

**Unable to attend:**

Cody Paige (M.Sc), Supervisor: Dr. John Gosse

**An in suit <sup>14</sup>C erosion rate method to improve the accuracy of exposure dating**

Cody.a.paige@dal.ca

Lobke Rotteveel (M.Sc), Supervisor: Dr. Shannon Sterling

**Identification of European and North American freshwater aluminum trends and drivers thereof; The European-North American Freshwater Database**

Lobke.rotteveel@dal.ca

Laura Broom (M.Sc), Supervisor: Dr. John Gosse, Calvin Campbell

**The submarine depositional history of Pond Inlet, Nunavut since the last Glacial Maximum: A story of submarine slope**

Laura.broom@dal.ca

Kenneth Martyns-Yellowe (M.Sc), Supervisor: Dr. Grant Wach

**TBA**

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Kara Vogler (M.Sc), Supervisor: Dr. Isabelle Coutand

**TBA**

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**On Research Exchange at GEOMAR Helmholtz Centre of Ocean Research Kiel in Germany:**

Ana Corbalan (Ph.D), Supervisor: Dr. Mladen Nedimovic

**Marine Geophysics: Studying an ultraslow spreading mid-ocean ridge with refraction and reflection seismic data**

a.corbalan@dal.ca

Masoud Aali (Ph.D), Supervisor: Dr. Mladen Nedimovic

**Predicting Sedimentary Properties by Integration of Rock Physics Modeling and Quantitative Seismic Interpretation to Study Global Sea-level Changes Offshore New Jersey**

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