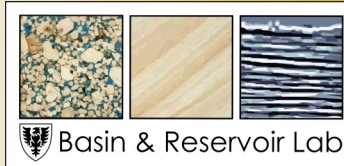




December 2019  DALHOUSIE
January 2020 UNIVERSITY
Happy New Year!



A FOND FAREWELL



Wishing a fond farewell and the best of luck to Darragh O'Connor as he begins a PhD under supervision of Professor Jonathan Redfern at the University of Manchester. Darragh will be working on the characterization of megasequences of margins along the south and central Atlantic. We wish much success to Darragh in the future

as he pursues this great endeavor.

Moho with Mike Searle in Oman



Professor Grant Wach is back to the lab after his 6 month sabbatical which was concluded with a number of presentations in the UK. In Oman he investigated the Mesozoic Platform Carbonate and Thrust Sheets of the Ophiolite Complex in Oman.

ERTH 4157—Petroleum Field Methods Course

The Petroleum Geoscience Field Methods course will be offered again for the 19th year, from February 15th to 23rd. Students have submitted their applications and ten students



have been selected to attend the course with Professor Grant Wach, Lauren Morris as Teaching and Field Assistant, and Dr. Vittorio Maselli as an additional instructor. Xavier Moonan and Dr. Hasley Vincent will be joining once again and the group will meet up with colleagues from UWI Touchstone, Heritage and Shell.



KAUST Research Geothermal Conference

Max Angel, Grant Wach & Darragh O'Connor will travel to Jeddah, Saudi Arabia to participate in the KAUST Research Conference: Maturing Geothermal Energy for Saudi Arabia January 27—29th. Max's Presentation will be "Reducing Future Carbon Emissions: A Scoping Analysis of Carbon Capture and Storage (CCS) Costs and Funding". After the conference, they will depart for Al Wahj where they will have a look at the gravel fans / interfingering with modern carbonates.

KAUST PRESENTATIONS



Darragh O'Connor:

Dynamic Modeling of Buoyant Fluids: Implications for Hydrocarbon Distribution and Potential Carbon Capture and Storage (CCS)



Max Angel:

Reducing Future Carbon Emissions: A Scoping Analysis of Carbon Capture and Storage (CCS) Costs and Funding



Grant Wach:

Rift and Synrift Sediment Distribution in the Paleozoic and Mesozoic Basins of the Atlantic Canadian Margin- CCUS, CAES and Geothermal Potential

Geothermal Workshop

Grant Wach will be presenting at the Geothermal Workshop on January 23 at the University of Waterloo. The workshop will focus on the future of geothermal energy implementation in Canada.

Fiona Gallacher

We would like to welcome Fiona back to N.S. and thank her for a job well done as Campus Ambassador for Dalhousie! Where she will begin a new position at Stantec.

SAVE THE DATE

**GAC-
MAC-
CSPG**

**May
15-18**

**AGC-
AMC-
SCGP**

**15-18
mai**

*Riding the waves of change
Surfer sur la vague
du changement*



**HALIFAX
2022**

Atlantic Geoscience Society PRESENTATIONS

The Basin & Reservoir Lab Research Staff will be presenting at the AGS conference being held in Truro, Nova Scotia on February 7-8.



Max Angel:

Using Ground-Penetrating Radar to Identify Known and Unknown Graves at the Church of the Holy Spirit Cemetery, Lakelands, Hants County, Nova Scotia", in the session on the Current Research in Hydrogeology and Environmental Geology in Atlantic Canada



Lauren Morris

will give a poster presentation, related to Remote Sensing of Transgressive Shorelines and Erosion Due to Rising Sea Levels



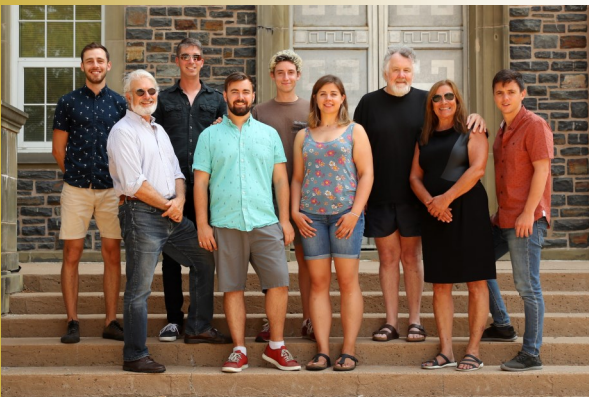
Trevor Kelly:

The difficulties and limitations of a ground-penetrating radar study of the Joggins Formation, Joggins, Nova Scotia

Alumnist Taylor Campbell MSc



Alumnist, Taylor Campbell MSc, travelled west to meet with the Vancouver Mining Exploration Group and presented on the characterization of gold deposits within the Meguma Group of Nova Scotia and the mineralization controls of their deposits!



2020

Wishing you a Safe, Healthy, & Prosperous New Year From the Basin & Reservoir Team & Thanking You for Your Continued Support!