

Here's what's happening in

BASIN & RESERVOIR LAB

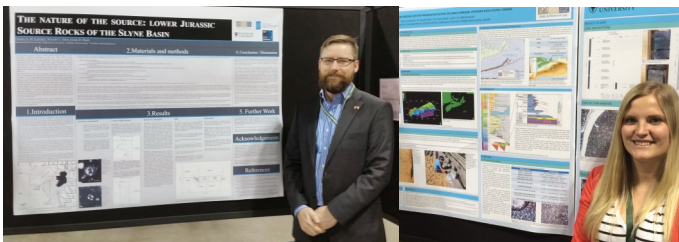
Professor Grant Wach & Dr. Ricardo Silva

June/July 2016

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JUNE 19-24  **AAPG** Annual Convention & Exhibition 2016

Several lab members and Prof. Grant Wach attended the AAPG Annual Convention & Exhibition in Calgary this June. Prof. Wach and Carla Skinner each presented a talk, and several of our M.Sc. Students presented posters including Natasha Morrison, Charlie Carlisle, Carlos Wong, Taylor Campbell, Anne Hargreaves, and Kenneth Martyns-Yellowe (new M.Sc. Candidate).



Home to Overseas H2O Conference

On June 8th, two Lab members presented posters at the Home to Overseas H2O Conference in the Student Research Poster Presentation Competition sponsored by the Offshore Energy Research Association (OERA) and the Nova Scotia Department of Energy. M.Sc. Carla Skinner and undergraduate co-op student Maya Soukup both presented at the conference.

Atlantic Research Institute for Sustainable Energy (ARISE)

On June 17th, 35 researchers from academia, government, and industry met at Dalhousie University for an all day workshop to discuss the creation and implementation of an Atlantic Research Institute for Sustainable Energy (ARISE). With representation from all Atlantic provinces and Quebec, the group discussed the need for an academic based research body to address increasing regional energy issues and the need for collaboration amongst neighboring provinces on tough issues like hydraulic fracturing, and renewable energy resource management. The group hopes to establish an ongoing discussion and a formal presence by the end of the year.

Gas Seepage Project (GaSP)

A vision of Dr. Maruice Dusseault (P.Eng) and Dr. Richard Jackson (P.Eng), the Gas Seepage Project (GaSP) is a field R&D initiative aimed at joining a consortium of Atlantic Canada Universities to measure and mitigate methane leakage using rigorous independent performance assessments conducted in the field. The group will use their research to in turn inform public policy, by identifying set-backs from energy wells, regulatory and scientific issues for well construction, and closure techniques aimed at minimizing fugitive gas emissions. On June 16, members met at Dalhousie to begin developing the consortium.

DAL ALUMNI FIELD SEMINAR

On June 18th, Dal Alumni joined Dave Gardner (Shell) and Prof. Grant Wach for an Alumni Field Seminar prior to the AAPG ACE 2016 held in Calgary. The group explored the Rocky Mountains and the geology evident throughout, stopping at Mt. Yamnuska, Mt. Kidd, Grassi Lakes, and Mt. Norquay.



THESIS DEFENCE A SUCCESS

On May 13th, our own Carla Skinner successfully defended her M.Sc. Thesis entitled, "Excess Pressure and Reservoir Compartmentalization in the Sable Subbasin, Offshore Nova Scotia". Congratulations Carla!



LUSITANIAN BASIN FIELD WORK

This June, Prof. Wach, Dr. Silva, and M.Sc. students Natasha Morrison and Taylor Campbell travelled to Portugal to conduct field work in support of the Source Rock of the Central Atlantic Conjugate Margins Project throughout the Lusitanian Basin. Samples from the Lower and Middle Jurassic were collected in addition to analogue data for their M.Sc. research.

