

Here's what's happening in

BASIN & RESERVOIR LAB



Professor Grant Wach & Dr. Ricardo Silva

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FALL CONVOCATION



On October 5th, two Lab members crossed the stage at this year's fall convocation. **Carla Skinner** received her Master's of Science (Earth Sciences); "Excess Pressure and Reservoir Compartmentalization in the Sable Subbasin, Offshore Nova Scotia". She is now located in Calgary, AB, with Shell Canada.

Leslie Eliuk received his PhD (Earth Sciences), "Abenaki Carbonate Platform in Relation to the Jurassic - Cretaceous Sable Island delta, offshore Nova Scotia", Congratulations to both graduates with all future endeavors!



AUGC (Atlantic Universities Geoscience Conference)

Dalhousie was well represented at this year's annual AUGC, with over a dozen students and faculty in attendance. Two of our lab members were recognized for their hard work and achievements. Honours co-op student **Fiona Henderson** won the AGS Environmental Geoscience Award for her paper "Predicting zones and potential sampling methods for elevated metal concentrations in urban soils, Halifax, Nova Scotia", supervised by Anne Marie Ryan; honours student **Erin Anderson** won the CSPG Award for best presentation of a petroleum geology-related paper, "Diagenetic effects and fluid flow along erosional boundaries in the Triassic Wolfville Formation at Rainy Cove, Nova Scotia".



Above: Erin Anderson and Fiona Henderson Below: Dalhousie students and faculty at AUGC.

LATEST RESEARCH

Ireland

At the annual Atlantic Ireland Conference in Dublin, Nov 1st-2, **Charlie Carlisle** presented both his research, "A new TOC, Rock-Eval and carbon isotope record of Lower Jurassic source rocks from the Slyne Basin, offshore Ireland", as well as that of Carla Skinner's, who was unable to attend, "Excess pressure & reservoir compartmentalization in the Porcupine Basin & Sable SubBasin, NS". Organized by the Irish Shelf Petroleum Studies Group of the Petroleum infrastructure Programme (PIP-ISPSPG), the Conference informs industry and researchers of the latest exploration opportunities and research results.



Portugal

Dr. Ricardo Silva traveled to Portugal late September to attend the defense of Coimbra M.Sc. candidate David Nuno Povas Vaz's thesis, entitled "Contribution to microfacies study of Jurassic carbonate units of the western sector of the Algarve Basin (Portugal). Palaeoenvironmental interpretation and sequential evolution". Dr. Silva also contributed to the "Geologia no outono" (Geology in Autumn) workshop in Penela, on "The Jurassic of the region of Penela: new advances in stratigraphic knowledge".

USA

This past month, **Dr. Silva** also traveled to Austin, Texas, to attend and present at the SEPM Research Conference on Oceanic Anoxic Events. The topic of the conference was source rock intervals.



Visiting Speakers

This fall has brought numerous speakers to the Earth Sciences Department to lecture and share their invaluable knowledge on a variety of topics. Don't miss upcoming events!

UPCOMING

Per Kent Pedersen, University of Calgary "Marine Muddy Depositional Systems – Bedforms to Stratal Architecture and Play Fairways" Nov 17th 11:30am

RECENT

Gerald R. Gloade, Mi'kmawey Debert Project "Cultural Memory Timeline Imbedded in the Mi'kmaw Legends of Kluskap" Nov 1st

Dr. Fred Schroeder, AAPG "Geology and Geophysics in the Petroleum Industry: Introduction to Play Elements" Oct 25th

Laurie Bellman, Canadian Discovery, CSEG Lecturer "Data Interpretation & Integration from a Seismic Perspective – The Excitement of Innovation" Oct 6th

