



UNIVERSITY  
OF MANITOBA

Clayton H. Riddell Faculty of Environment, Earth, and Resources

**Department of Geological Sciences**

**The Department of Geological Sciences**

**invites everyone to attend**

**Thesis Presentations**

**by B.Sc. Honours candidates 2015-2016**

**in Geology and Geophysics**

**Tuesday, March 29**

**1:00 p.m.**

**223 Wallace**

Jeremy Deyholos

Matthew Braun

Chaudhry Qaisar Naseem

Aaron Kilmury

Patrick Duncan

**Thursday, March 31**

**1:00 p.m.**

**223 Wallace**

Aaron Desilets

Mitchell Traa

Yana Tyomkin

Jebbin Jebbin



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## Department of Geological Sciences

**Tuesday, March 29**

**1:00 p.m., Room 223 Wallace**

**Jeremy Deyholos:** Stratigraphy, Lithofacies Analysis and Geochemistry of the Cretaceous Favel Formation near Dauphin and Russell, Manitoba

**Matthew Braun:** Stratigraphy and Lithofacies Analysis of the Devonian Kwataboahagan Formation in the Moose River Basin, James Bay Lowlands, Northern Ontario

**Chaudhry Qaisar Naseem:** Magnetic Delineation of the Spiritwood Buried Valley Aquifer, Southern Manitoba Using Airborne and Ground Data

**Aaron Kilmury:** Deposition and Fauna of the Churchill River Group (Upper Ordovician): Core M-3-03 (Airport Cove West) near Churchill, Manitoba

**Patrick Duncan:** Hydrogeophysical Assessment of Sites in the South Tobacco creek and Elm Creek watersheds of southern Manitoba

**Thursday, March 31**

**1:00 p.m., Room 223 Wallace**

**Aaron Desilets:** Relations between Landscape Characteristics and Sediment Properties in Prairie Watersheds

**Mitchell Traa:** Analysis of Helicopter Electromagnetic Data to Map Sediment Thickness and Conductivity in Northwestern Shoal Lake, Ontario

**Yana Tyomkin:** Modelling of Bulk Crustal Properties of the North American Mid Continental Rift System, Minnesota and Wisconsin, USA, via Z-R Transfer Function Analysis and H-k Stacking

**Jebbin Jebbin:** Metasomatic Reactions between Kimberlites and Felsic Xenoliths and their Petrogenetic Implications