



DEPARTMENT OF GEOSCIENCES
JUNIOR PAPERS (Class of '15)
SPRING 2013-2014

Eric D. Bolton

“Simulating Seismic Propagation on Mars’s Surface to Determine Regolith Composition”

J. Tromp / F. Simons

Leticia M. Bombieri

“Porosity of Stromatolites from Lagoa Salgada, Rio De Janeiro, Brazil”

A. Maloof / T. Duffy

Joan L. Cannon

“Regional Model Simulations of Springtime Methane Emissions and Related Factors in the Canadian Arctic Archipelago”

D. Medvigy / F. Morel

Tiffany W. Cheung

“Effects of 12:12 Diel Cycling on the Carbon Fixation Mechanism of the Marine Diatoms *Thalassiosira weissflogii* AND *Fragilariopsis cylindrus*”

F. Morel / B. Ward

Preston C. Kemeny

“Tempo of Deccan Volcanism: XRF and XRD Analysis of Red Boles Reveals Rapid Trap Emplacement”

G. Keller / B. Schoene

Trevor D. Klee

“The Influence of Storm Track on Recorded Storm Surge For Hurricanes”

M. Oppenheimer / D. Medvigy

Sean P. McIntee

“Tracking Variation of Phytoplankton Taxa Abundance In the Northern Atlantic Ocean Using Flow Cytometry Analysis”

B. Ward / D. Sigman

Yuem Park

“Determining Lateral Stratigraphic Variation Using Well Log Gamma Ray Measurements: A Case Study in the Paradox Formation of the Southwest US”

A. Maloof / B. Schoene