



**DEPARTMENT OF GEOSCIENCES
JUNIOR PAPERS (Class of '13)
FALL 2011-2012**

- Sarah E. Blucher** “Mercury Uptake by *Shewanella oneidensis*”
F. Morel / B. Ward
- Andrew S. Budnick** “Measurement of Tidal Periodicities in Elatina Rhythmites
and their Implications for Neoproterozoic Paleoclimate”
A. Maloof / F. Simons
- Nicholas M. Burton** “Investigating MORB Geochemistry in Relation to the
56MA North American Deposition Cycle”
B. Schoene / A. Maloof
- Christine Y. Chen** “Insights on Earth’s Deepest $\delta^{13}\text{C}$ Excursion From
Paleocanyon Structures at Saint Ronan, Beltana Station,
South Australia”
A. Maloof / B. Schoene
- Gabriel L. Eggers** “Characterization of the Active Layer Bacterial Community
At Axel Heiberg Island in the High Canadian Arctic”
T. Onstott / B. Ward
- Jeffrey D. Gronewold** “Trace Element Comparison in Volcanic and Plutonic
Regimes”
B. Schoene / A. Rubin
- Cynthia M. Kanno** “Local and Global Effects of Amazon Deforestation and
Climate Warming on Extreme Temperature Events”
D. Medvigy / S. Fueglistaler
- Nathan P. Mathabane** “Potential for Far-Field, High-Magnitude Earthquakes to
Trigger Seismicity Activity in Northern California”
A. Rubin / J. Tromp
- Lydia R. Rudnick** “Variations in the Isotopic Composition of Nitrate off Pt.
Conception, California”
D. Sigman / B. Ward
- Elizabeth M. Shoenfelt** “Denitrification by *Marinobacter* sp. STRAIN 23-5”
B. Ward / T. Onstott
- Emily V. Trost** “Disaster Opportunists in a Global Event: An Examination of
The Preferred Living Conditions of the Planktic Foraminifera
Guembelitra cretacea and a Comparison of Sites Exhibiting
Disaster Opportunist Blooms”
G. Keller / D. Medvigy