



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

Leticia M. Bombieri

“Analyzing the Response of Spring Phenology to Climate Change for *Quercus Lobata* in California”

D. Medvigy / J. Sarmiento

Joan L. Cannon

“ $\delta^{41}\text{K}$ Analysis of Deep-Sea Clays and their Associated Diffusion K-Isotope Fractionation Factor”

J. Higgins / S. Myneni

Tiffany W. Cheung

“Effects of Increasing Temperature on Growth Rate, RuBisCO, and Carbon Fixation Rate in the Marine Diatom *Thalassiosira weissflogii*”

F. Morel / D. Sigman

Preston C. Kemeny

“How to Parameterize a Habitable Planet: Modeling Equilibrium in Silicate Weathering”

J. Higgins / J. Sarmiento

Trevor D. Klee

“Elevated Sea Levels, Coastal Flooding, and Tidal Gauges”

M. Oppenheimer / C. Little

Sean P. McIntee

“Water Column Profiles of Nitrate Isotopic Composition in The Western Subarctic North Atlantic”

D. Sigman / D. Marconi

Yuem Park

“Granulite Grade Metabasites in Contact with the Skymo Complex: Implications for the Magnitude and Style of Offset Along the Ross Lake Fault Zone”

B. Schoene / L. Hollister