



**DEPARTMENT OF GEOSCIENCES
JUNIOR PAPERS (Class of '14)
SPRING 2012-2013**

- Andrea M. Beale** “The Effects of Deforestation on Rainfall in Central America”
D. Medvigy / M. Bender
- Charlotte E. Conner** “Effect of Deforestation in Central America on the Midsummer Drought”
D. Medvigy / F. Morel
- Lauren Lewis** “Dating the Crust Using Detrital Zircons”
B. Schoene / J. Higgins
- Kathleen M. Ryan** “Implications of a Temperature Anomaly in Two Reanalysis Products of the Southern Ocean”
M. Oppenheimer / M. Bender
- Nathan D. Serota** “Atmospheric Sensitivity to GeoEngineering Scenarios”
D. Medvigy / M. Oppenheimer
- Robert D. Shepherd** “Dolomitization in the Bahamas – Evidence from Pore-fluids and Mg Isotopes”
J. Higgins / F. Simons
- Alan R. Southworth** “Methane and Carbon Dioxide Cycling in Aerobic and Anaerobic Environments: Measuring Soil Fluxes of Carbon-13 In Permafrost”
T. Onstott / J. Tromp
- Djohan (Joe) M. Sutjiawan** “High Pressure Melting Behavior of Fe and Implications for States of Metallic Cores in Super-Earths”
T. Duffy / A. Rubin
- Regina R. Wang** “A Historical Analysis of Vegetation and Land Use Change On the Cape Peninsula”
G. Keller / G. Philander