



DEPARTMENT OF GEOSCIENCES
And
GEOLOGICAL ENGINEERING PROGRAM

SENIOR THESIS
(Class of 2008)

- Jesse S. Chadwick** “Crustal Extension as Recorded in the Metamorphic Rocks Of the Black Mountains, Death Valley, California”
Advisor: L. Hollister / N. McQuarrie
- Eugene R. Franco** “Glass-to-Grid: A Study of the Carbon Intensity and Emissions Avoidance of Suburban Photovoltaic Electric Power Generation in the New York Metro Area”
Advisor: Peters / G. van der Vink
- Bamidele T. Otemuyiwa** “Biogeochemical Controls on Arsenic Mobility: A Study Of the Effects of Sulfate Reduction on the Precipitation And Adsorption of Arsenic Species”
Advisor: T. C. Onstott / F. Morel
- Ryan E. Truchelut** “Upper-Level Divergence as a Cyclogenesis Predictor”
Advisor: A. Gnanadesikan / M. Bender
- Katherine R. Barnhart (GE)** “Metamorphism of Proterozoic Rocks in North Central New Mexico Based on Quantitative Thermobarometry”
Advisor: L. Hollister / J. Smith
- Daphne Tess Cecil-Cockwell (GE)** “Deformation, Sedimentation, and Uplift History of the Eastern Cordillera of Bolivia”
Advisor: N. McQuarrie / J. Smith
- Raleigh L. Martin (GE)** “Urbanization, Aerosols, and Precipitation Modification in Beijing”
Advisor: J. Smith / S. Myneni