



DEPARTMENT OF GEOSCIENCES
And
GEOLOGICAL ENGINEERING PROGRAM

SENIOR THESIS
(Class of 2009)

John C. Fleming

“Methanobacterium sp. MK4 Under Conditions of Simulated Martian Regolith and Atmosphere”

Advisor: T. C. Onstott / M. Bender

Raymond C. Lagomarsino

“Evaluating the Haynesville Black Shale Resource Play”

Advisor: G. van der Vink / G. Keller / B. Henk

Christian C. Millian

“A New Record of Environmental Change in the Late Cretaceous from Brazil”

Advisor: G. Keller / N. McQuarrie

Meredith L. Wall

“Environmentally-Sustainable Poverty Reduction: Rural Road Development in Liberia”

Advisor: G. van der Vink / X. Morin (PEI)

Nathaniel N. Angell (GE)

“Utilizing Ground Penetrating Radar and the Hough Transform to Investigate Spatial Patterns of Tree Root Systems”

Advisor: K. Caylor (GE)

Rachel E. Bernard (GE)

“The Risks and Behavior of Carbon Dioxide Leakage From Geologic Reservoirs”

Advisor: J. H. Prevost (GE)

Robert E. Fargo (GE)

“Redevelopment of Iraqi Hydrocarbon Resources and Infrastructure, A GIS Investigation into the Interplay Between Resources and Insurgency”

Advisor: J. Shapiro (WWS)