

43rd Annual Graduate Student Colloquium, March 18-19, 2011

First Prize Award
Oral Presentation by a Ph.D. Student
(Post-Comprehensive Exam)

2011/2012 Peter Deines Lectureship Awardee

Bryan Kaproth
Quantifying pressure solution and lithification: tying elastic moduli measurements to changes
in porosity and deformation style in sheared granular aggregates

Co-Second Prize Award

Claire Fleeger
Determining the rate of Cs sequestration by hexagonal H-birnessite
and triclinic Na-birnessite as a function of pH

Co-Second Prize Award

Beth Herndon
Understanding manganese biogeochemistry on a watershed-scale using molecular spectroscopy

First Prize Award
Oral Presentation by a Ph.D. Student
(Pre-Comprehensive Exam)

Ashlee Dere
Shale weathering across a continental-scale climate gradient

Co-Second Prize Award

Nikki West
Using meteoric ^{10}Be as a tracer for regolith generation and mobility
at the Susquehanna Shale Hills Critical Zone Observatory, PA

Co-Second Prize Award

Luke Zoet
Laboratory observations of ice's deformational properties

First Prize Award
Oral Presentation by a M.S. Student

Monica Carvalho
Ferns from the Laguna del Hunco paleoflora (51.9 Ma), Patagonia, Argentina,
reveal new biogeographic links to rainforest Gondwana

Co-Second Prize Award
Oral Presentation by a M.S. Student

Christy Miller
A preliminary pre-settlement flora of White Clay Creek, Chester County, Pennsylvania

Co-Second Prize Award
Oral Presentation by a M.S. Student

Rachel Piotraschke
Insights into the tectonic development of the Klamath Mountains
Province from thermal data and modeling

First Prize Award
Petroleum-related Presentation by a M.S. Student

Dan Kohl
Sequence stratigraphic analysis of the Marcellus Shale and associated strata

Second Prize Award

Alex Burpee
The role of grain caliber in determining delta morphology

First Prize Award
Poster Presentation

Xuhua Shi
Abrupt lake level rise of the Siling Co (Lake) in recent ten years,
induced by glacial melting in central Tibetan Plateau

Second Prize Award

Kristin Morell
Volcanic, exhumational and landscape response to late Miocene
to recent plate tectonics, Central American Volcanic Arc