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# 47<sup>th</sup> Annual Graduate Student Colloquium, February 26-27, 2015

## Oral Presentation by a Ph.D. Student

(Post-Comprehensive Exam)

*2015/2016 Peter Deines Lectureship*

*First Prize*

John Leeman

“Laboratory observations of the full spectrum of fault slip modes: implications for the mechanics of slow earthquakes”

*Second Prize*

Nick Holschuh

“Using the Englacial Geometry of West Antarctica to Determine its Future Stability”

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## Oral Presentation by a Ph.D. Student

(Pre-Comprehensive Exam)

*First Prize*

Rosie Oakes

“Biotic turnover at the Cenomanian – Turonian Boundary”

*First Prize*

Max Christie

“Biogeographic Changes from the Pliocene to Modern in the Atlantic Coastal Plain”

*First Prize*

Matthew Herman

“Foreshock Triggering of the [1 April 2014 Mw 8.2 Iquique Earthquake](#)”

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**Oral Presentation by a M.S. Student**

*First Prize*

Greg Smith

“Evolutionary, Phylogenetic, and Functional Implications of Mammoth Molar Morphology as Measured by Computational Tomographic (CT) Scans”

*Second Prize*

Austin White-Gaynor

“Seismic anisotropy throughout the central Appalachian Mountains”

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**Poster Presentation**

*First Prize*

Rebecca Vanderleest

“Modeling the evolution of the Montserrat Anticline and Happy Valley fault in the North Canterbury region, South Island, New Zealand”

*Second Prize*

Uyen Nguyen

“Modeling the evolution of the Montserrat Anticline and Happy Valley fault in the North Canterbury region, South Island, New Zealand”

*Second Prize*

Gabriella Arroyo

“Crustal Structure across the Appalachian Orogen in Pennsylvania from P-wave receiver functions”

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**Energy Related**

*First Prize*

Sheila Trampush

“Measuring the stratigraphic filter in ancient deltaic deposits”

*Second Prize*

Tramond Baisden

“Evaluating Floodplain Controls on Paleo- channel Avulsion and Migration: Wasatch Formation”

*Second Prize*

Peter Miller

“Experimental investigation of permeability and mechanical evolution of cataclastic shear bands”