

Department of Earth  
and Environmental Sciences  
SWENSON COLLEGE  
**Of SCIENCE & ENGINEERING**

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UNIVERSITY OF MINNESOTA DULUTH  
Driven to Discover

The Department of  
Earth and Environmental Sciences

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THESIS DEFENSE

Jackie Drazan

“A Genetic Model of Pillowed Dike and Peperite  
Formation Interpreted From Pleistocene and Archean  
Volcanogenic Sequences”

Thursday, December 19<sup>th</sup>  
1:00 PM in HH 202

*Faculty and students are invited*