

## **Improving student learning through understanding reasoning and problem solving practices**

**Friday, January 13, 2017**

Light refreshments will be served at 9:45 AM

**10:00 – 11:00 AM**

A roundtable discussion with Professor Knight will take place at 11:00 AM

**NSB 1205 (Auditorium)**



**Jenny Knight, Ph.D.**

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Classroom practices affect student behavior, and by extension, their learning. Through studying how students discuss clicker questions in active learning classrooms, we have found that students struggle to use reasoning when answering in-class questions. However, student use of reasoning increases when they are cued by their instructors, by peer Learning Assistants, or when under pressure of accountability. Can students transfer their in-class, question-solving practices to individual assessment opportunities that require sound reasoning? We have begun to study how students independently solve complex problems through think-aloud interviews and written documentation of their problem-solving processes, in the hopes of understanding how to better help them become life-long problem-solvers.

Hosted by:  
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