

Friday, October 23, 2015, 4:10 pm

COLLOQUIUM TALK

Speaker: Bruce Carpenter, UIUC

Old Main 2231

## The Instructional Model of NetMath

### Abstract:

The NetMath online instructional model attempts to integrate three things: courseware designed to help students learn mathematics by dynamic exploration and visualization, the incorporation of a computer algebra system for students to perform calculations and write full explanations of their solution process, and a learning management system to streamline administration of the course and promote communication between students, instructors, and mentors. We will discuss each of these in detail by presenting the current system and its challenges as well as surveying possible innovations to improve instruction.

SNACKS IN FACULTY LOUNGE AT 3:30 PM.  
EVERYONE WELCOME (EVEN IF YOU ARE UNABLE TO ATTEND THE TALK)

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