

**CCSU**  
**DEPARTMENT OF MATHEMATICAL SCIENCES**

# COLLOQUIUM

Friday, May 5  
2:00 – 3:00 PM  
Maria Sanford, Room 101

## ***LABORATORY-BASED LEARNING TO BUILD CONCEPTUAL UNDERSTANDING OF RATIONAL NUMBERS***

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**ABSTRACT**

College students enrolled in a developmental mathematics course frequently do not have a conceptual understanding of rational numbers. One approach for building understanding is to provide weekly laboratory sessions for students to work on exercises in small groups, beginning with examining the unit and unit fractions. An additional component of the laboratory sessions is to have students explain their work in writing. This presentation reports on the success of such an approach.

***For further information:***

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