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Spring 2021

## **News From the Graduate School - Educational Mathematics Spring 2021**

Otterbein Office of Graduate Programs

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# Educational Mathematics

News from The Graduate School

Spring 2021



From Dr. Barbara Schaffner, Associate Provost of Graduate Studies

## Welcome to 2021 - a time to work together, develop and grow.

As poet Amanda Gorman said at President Biden's inauguration on Jan. 20, "There is always light if only we are brave enough to see it, if only we are brave enough to be it." We have all been waiting for 2021, and now it is here. It seems like the start of 2021 will continue to be somewhat of a "wait and see" scenario - we will wait for the COVID numbers to flatten, for the vaccine to arrive and become accessible to every individual, and to see how our economy responds. We will wait through strength and move bravely forward. [Continue reading >>](#)



**OTTERBEIN**  
UNIVERSITY

MASTER OF ARTS IN  
EDUCATIONAL MATHEMATICS

**SAVE THE DATE**  
Graduate School  
Lecture Series

**Let's Get Humble**

Guest Lecture  
Dr. Kristy McCray  
February 25, 2021  
[Learn more >>](#)

Graduate Student  
Conference  
April 22, 2021

Doctoral / Master  
Commencement  
2020

## Educational Mathematics - A Bewitching Barnyard Task

It has happened to all of us. We work on a mathematics problem, believing that we've found a beautiful and elegant solution, only to find a snag somewhere along the chain of reasoning. The same is true among the best mathematicians, even when tackling seemingly simple problems. Consider the following exercise, first posited over 270 years ago:

*Imagine a circular fence that encloses one acre of grass. If you tie a goat to the inside of the fence, how long of a rope do you need to allow the animal access to exactly half an acre?*

Grab a pencil and a piece of paper. Open up a dynamic geometry app. Come back after pondering awhile (perhaps reaching an apparent solution). [Continue reading >>](#)

- [MAEM](#) Graduate Director Jeff Smith

May 1, 2021

Doctoral / Master  
Commencement

2021

May 2, 2021

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