CCSU
DEPARTMENT OF MATHEMATICAL SCIENCES

COLLOQUIUM

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

ZOMBIE APOCALYPSE!
(PLUS OTHER COOL STUFF LIKE LINEAR ALGEBRA AND DIFFERENTIAL EQUATIONS)

CRAIG MILLER

WORCESTER STATE UNIVERSITY

Abstract: Mathematics has been used to model numerous real world systems and occurrences. These include weather prediction, the adoption of technology, and the spread of infectious diseases. In this talk I will show not only how we can use elementary Linear Algebra and Differential Equations to model infectious diseases but also a more pressing problem: the threat of a Zombie Apocalypse! We will not only see this application, but also investigate more advanced models including incubation periods, immunization, and quarantine efforts.

For further information:
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