

# Physics Department Seminar

Friday May 15<sup>th</sup>, 2009

11:00am in PhSc 108

## “Learning Physics with Blockbuster Movies”

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Abstract:

There have always been those blockbuster movies that present unbelievable physics that simply makes us viewers go, “Huh? No way!” Many movies simply do not show reasonable physics that follow any of the basic physical laws such as Energy Conservation or Newton’s Second Law,  $F=ma$ . This talk will

interrogate and analyze the good, the bad, and the just-plain-ridiculous physics of common movies, with a focus on how to apply effective teaching methods in using these movies to learn physics.