

*Student  
Seminar*

# *Pi Mu Epsilon*

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& GAMECOCK MATH CLUB

## The Mathematics of Game Shows

by Dr. Frank Thorne  
Assistant Professor, Mathematics



Dr. Frank Thorne

You are playing Deal or No Deal – should you accept the bank’s offer? You are playing Wheel of Fortune and you know how to solve the puzzle. Should you spin again for more money, but risk bankruptcy? You are on Contestant’s Row on The Price Is Right. How should you strategically bid? There is a tremendous amount of mathematics behind optimal strategy in game shows. I’ll give a brief overview of some of it, and also recreate some of the most popular games.

Tuesday 20<sup>th</sup> September 2016

7:00 pm

LC 412

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