

# *Talk Math 2 Me*

Friday February 24, 2017

DERR 113

12:00pm–12:55pm

## 21

Grant Tran

### **Abstract**

In recent years, a movie called *21* came out, which was about an undergrad MIT math major who was recruited to the MIT Poker Club. In essence, the movie was about a smart kid who learned to count cards while incorporating math. As we are young adults, many of us are 1 or 2 years away from the legal gambling age. I plan to talk about the math of counting cards and the history behind it. I also plan to speak about the Monty Hall problem. I want to discuss this mainly because this was the basis/entrance test on how the protagonist was allowed in the club. The math behind both “problems” deal with probability and gaining the highest percentage possible to gain an edge over the casino’s.

## Completing Squares

Joni Schneider

### **Abstract**

In this presentation, we will discuss the process of solving quadratic equations by the process known as “completing the square.” We will also demonstrate how this process is used to derive the quadratic formula.