## Michigan Math Club

Thursday at 4pm in EH1360 Pizza + pop outside afterwards!!

## The Elusive Bell Curve

Bradley Zykoski

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"Find the antiderivative  $\int e^{-x^2} dx$ ." This looks like many problems you've seen in calculus class, but it's impossible to solve! How do you show that a math problem is impossible? And why can we calculate the area under the bell curve  $e^{-x^2}$ despite this impossibility? Come and find out! This talk is accessible to anyone who has taken calculus.