



Department of Mathematics



MathClub@WMU

Michigan Epsilon Chapter of Pi Mu Epsilon

The Bean Machine, Sir Francis Galton, and the Central Limit Theorem in action!

Brian Hadley

English statistician Sir Francis Galton invented the Galton Board, also known as the Bean Machine, to demonstrate the central limit theorem. This mechanical device drops balls onto a series of pegs. At each level, as the ball hits a peg, the ball must bounce left or right creating an exciting visual display. This experiment in binomial probabilities gives us insight into how seemingly random events are actually tied to the normal distribution.

4 p.m. Friday February 1
6625 Everett Tower, WMU Main Campus

All are welcome!

<http://www.wmich.edu/mathclub/>

Questions? Contact Patrick Bennett (patrick.bennett@wmich.edu)