



Department of Mathematics



MathClub@WMU

Michigan Epsilon Chapter of Pi Mu Epsilon

When math meets uncertainty

Dr. Joshua Naranjo

A medical intervention does not affect everyone the same way. Given this variability, how do we conclude whether a treatment is effective or not? Statisticians use mathematical functions to model uncertainty and attempt to describe nature or human behavior. Since nature is an inherently unobservable process, statistical models are often judged on the basis of usefulness, rather than exactness.

We will look at concepts designed specifically to describe variability and 'fit' models to data. While inexactness may seem mathematically annoying, it can provide a sense of freedom, since a wider range of models are in play.

4 p.m. Friday February 15
6625 Everett Tower, WMU Main Campus

All are welcome!

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

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