

Kenyon College Math Mondays Presents...

Statistically Legal: A Case Study of Applied Liberal Arts

Professor Brad Hartlaub and Rob Passmore '02



When faced with a challenging lawsuit and the daunting task of explaining nuanced statistical approaches to a jury, **Rob Passmore '02** turned to Professor Brad Hartlaub. This presentation focuses on the results of their collaboration. Topics explored will include thoughtful and proper study design and sampling protocol, the tension between science and the law, and pitfalls in applied statistics with a focus on nonparametric analysis. The EPA guidelines for calculating upper confidence limits for exposure point concentrations at hazardous waste sites will be reviewed and applied to well water samples. This case study in the application of a liberal arts degree to the real world will demonstrate the need for both quantitative reasoning and effective communication.

Monday, November 5, 2012

3:10 pm

RBH 109