



Statistics Seminar

Classroom Activities: Kisses, Polio, and One Card

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Friday October 19, 2018

12:00 – 1:00 PM

DERR 122

Abstract:

When asked about needs to teach statistics, instructors frequently ask for classroom-ready activities. After a brief discussion on generalization and appropriateness, I will present three activities that cover different topics.

- 1) Hershey's Kiss Drop: Data collection, types of error, and confidence intervals
- 2) January 1954 Polio Plan: Data collection and decision-making
- 3) One Card Poker: Classical probability and game theory

Adam Molnar is an Assistant Professor of Statistics at Oklahoma State University, having received his Ph. D. from the University of Georgia (like at least three Texas State mathematics education faculty). His primary work interest is developing better tools for statistics instruction, including curriculum development and refinement. Adam also compiles news articles for the International Association for Statistical Education (IASE) and served as 2017 IASE conference proceedings editor. Meetings with international people have led to exciting opportunities, including personal investigation of complicated linguistic issues in American English and Korean.