



Cornell University

K-12 Education and Outreach, Mathematics Department

MATH 5080
Mathematics for Secondary School Teachers

December 1, 2012
9:00 am – 2:30 pm (lunch provided)
406 Malott Hall

Workshop Title

Don't Bet on It! Intuition, Probability, and the CCSSM

Overview

Since the 1980s there has been an increased focus on probability in the school mathematics curriculum. Many probability ideas seem intuitive, yet our intuition often fails us. Indeed, probability is full of classic problems and paradoxes, and has been used to generate simple scams, fallacies, and ripoffs. This workshop will focus on probability concepts that are in the CCSSM. There will be a mix of interactive lectures aimed at content knowledge enhancement, and some hands-on activities that you can engage in during the workshop and then take into your classroom to use with your students.

Presenters

This workshop will be led by faculty members Laurent Saloff-Coste, Lionel Levine, Nate Eldredge, Tasia Raymer, and Benjamin Steinhurst, together with graduate students Mark Cerenzia, Mathav Murugan, and Tianyi Zheng. Come learn from these experts, who are eager to share their passion for probability!

RSVP to Mary Ann Huntley by 10 am Tuesday, November 27, 2012

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