



Department of Mathematical Sciences

Colloquium

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Seven Questions for the Undergraduate Statistics Curriculum

Abstract

I pose seven questions concerning the undergraduate curriculum in statistics. I offer some observations, and perhaps some data, on the current state of these issues. I also identify some recent efforts to address these questions, cite some challenges that could impede progress, and propose some recommendations. The questions are:

1. How does statistical literacy/reasoning/thinking fit in?
2. Do we really need umpteen flavors of introductory courses?
3. Should we re-center the Stat 101 universe?
4. How do we deal with success in Stat 101?
5. Have we forgotten about math and stat majors?
6. How should we prepare future teachers?
7. What do we want statistics majors/minors/concentrators to know?

Friday, November 9, 2007

12:00 - 1:00 P.M

Bell Hall 143

The University of Texas at El Paso
Refreshments will be served 15 minutes before the start of the colloquium.

Co-sponsored by the Mathematical Sciences Department (www.math.utep.edu) and the Statistical Consulting Lab (www.statlab.utep.edu).