CSU Mathematics Department and the
Cleveland Chapter of the ASA

Present ASA Fellow

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March 30, 2012 4pm*
CSU Campus - Main Classroom 136

The Future of Introductory Statistics Courses and the
Common Core State Standards in K-12

Abstract
The Common Core State Standards for mathematics in grades K–12 have been adopted by 45 states and the District of Columbia. The standards for the teaching of statistics and probability span topics from counting the number in each category to determining statistical significance. In the near future, most of our entering college students will have been taught some statistics and probability, so our introductory statistics course will have to change. In addition, we must rethink the preparation of future K–12 teachers to teach this curriculum. This presentation will provide an overview of the statistics and probability content of these standards, consider the effect in our introductory statistics course, and describe the knowledge and preparation needed by the future and current K–12 teachers who will be teaching using these standards.

*Refreshments served at 3:30pm

Parking available on Chester Avenue, and parking garages CG (enter on E. 19th street off Chester) or garage G (enter on E. 22nd
street). Parking is $6, but should be widely available.