

You are cordially invited to this year's Honors Week Celebration!

Department of Mathematics and Statistics

Honors Week

Tuesday April 16, 2019

Speaker: Roxy Peck



1:00 — 2:00 pm AMB 163

COLLOQUIUM

The Rapidly Changing Landscape in Statistics Education—
Implications for the Preparation
of Future Teachers

4:00 — 5:00 pm SAS 221

GENERAL TALK

Statistical Literacy and Fake
News—Why Everyone Should
Think Like a Statistician!

5:00 — 6:00 pm SAS 221

Awards Ceremony &
Scholarships presentations
(with Reception to follow)

General talk: Statistical Literacy and Fake News—Why Everyone Should Think Like a Statistician!
From following news coverage of current events to assessing health risks, the ability to think statistically is now more important than ever. This talk will explore the differences between statistical thinking and mathematical thinking and make the case that everyone would benefit from learning to think like a statistician.

Colloquium: The Rapidly Changing Landscape in Statistics Education—Implications for the Preparation of Future Teachers

A careful look at changes over the last decade in the K-12 mathematics curriculum reveals a dramatic increase in statistical content. But higher education has been slow to recognize or respond to these changes, even though there are important implications for the college-level introductory statistics course and for the preparation of future teachers. This talk will explore these implications and the challenges mathematics and statistics faculty face in addressing them.

Brief Bio

Roxy Peck is a professor emerita of statistics at Cal Poly, San Luis Obispo. She was a faculty member of the Statistics Department for thirty years, serving for six years as Chair of the Statistics Department and thirteen years as Associate Dean of the College of Science and Mathematics. Nationally known in the area of statistics education, Roxy was made a Fellow of the American Statistical Association in 1998 and in 2003 she received the American Statistical Association's Founders Award in recognition of her contributions to K-12 and undergraduate statistics education. In 2009, she received the USCOTS Lifetime Achievement Award in Statistics Education.