

The 2004 James “Duke” Sehnert Memorial Lecture

This year's Sehnert lecturer will be

Robert V. Hogg

Professor Emeritus, Department of Statistics and Actuarial Science
The University of Iowa
Statistician and Author

Former President of the American Statistical Association
and winner of the Mathematical Association of America's Outstanding Teacher Award
(1991)

The lecture will be held on:

Tuesday, October 26, 2004
7:30 p.m.
in the Otto Budig Theater (University Center)

The Importance of Understanding Variation

The popular and successful "six sigma" program and Robert Hogg's hero W. Edwards Deming share something important in common: they both depend a great deal on a solid appreciation of variation.

Dr. Hogg will discuss Deming's life, tell a few stories about him, and then devote attention to important and varied examples illustrating the importance of variation: choosing movies; the "sophomore jinx"; workers' (or students') pattern of variation; ranking students; assigning grades; comparing teams; determination of salaries; number of suppliers in industry; personal choices like barber, clothier, banker, lawyer; game of "telephone"; final inspection; quotas; prizes; making "the doors fit better"; and building trust.

Dr. Hogg will end with a nod to Motorola's Bob Galvin: "quality improvement is a daily, personal, priority obligation."



Among the many awards he has received for distinction in teaching, Bob has been honored at the national level (the Mathematical Association of America Award for Distinguished Teaching), the state level (Iowa's Governor's Science Medal for Teaching), and the university level (Collegiate Teaching Award). His important contributions to statistical research have been acknowledged by his election to fellowship standing in the ASA and the Institute of Mathematical Statistics.

In 2001, Bob received the American Statistical Association's 2001 Gottfried F. Noether Senior Scholar Award for a lifetime of outstanding achievements and contributions in the field of Nonparametric Statistics both in research and teaching.

Sponsored by the [Mathematics and Computer Science Department](#) at NKU as well as by [Center for Integrative Natural Science and Mathematics \(CINSAM\)](#). For further information, contact Dr. Andy Long at longa@nku.edu or by phone at (859) 572-5794. A campus map is available at www.nku.edu/~library/map/campus.html

Links:

- [Bob Hogg, et al. on undergraduate statistics programs](#)
- [Undergraduate Statistics: What Should Change?](#)
- [Spotlight on Bob Hogg](#) (from this [file](#))
- [Distinguished alumni award](#)
- [American Statistical Association honors Robert V. Hogg with Noether Senior Scholar Award](#)