2020 Myles Hollander Distinguished Lecture
Oct. 30, 2020

Welcome
Dr. Sam Huckaba
Dean, College of Arts and Sciences
Florida State University

In Appreciation
Dr. Myles Hollander
Statistics Professor Emeritus and Robert O. Lawton Distinguished Professor
Florida State University

Speaker Introduction
Dr. Elizabeth H. Slate
Distinguished Research Professor
Duncan McLean and Pearl Levine Fairweather Professor of Statistics
Florida State University

Dr. Nancy Reid
2020 Hollander Distinguished Lecturer
University Professor and Canada Research Chair in Statistical Methodology
University of Toronto

"Three Rs — Reliability, Replicability, Reproducibility: the interplay between statistical science and data science"
The current pandemic has brought into sharp relief the essential role of data in nearly all aspects of science, government, and public health. But data is useless without explanation and interpretation, and statistical science has a long history and rich traditions of providing explanation and interpretation. Data science and statistical science together can provide a robust framework for extracting insights from data reliably, and thus contribute to both replicability and reproducibility.

About the Lecturer
Nancy Reid obtained her Ph.D. from Stanford in 1979 and taught at the University of British Columbia from 1980 to 1985 before moving to the University of Toronto. Among her professional honors are the President's Award of the Committee of Presidents of Statistical Societies, COPSS, in 1992, Fellow of the Royal Society of London, Foreign Associate of the U.S. National Academy of Sciences, and Fellow of the Royal Society of Canada. In 2014, she was appointed to the Order of Canada for her extraordinary contributions to the Canadian nation.

Reid's research has had broad influence, including in statistical theory, likelihood inference, design of studies, and statistical science in public policy. Her main research contributions have been to the field of theoretical statistics. The goal is to use information from noisy data as efficiently as possible, and to elucidate general principles for doing so, in order to provide structures for developing new statistical methods in new areas of application.

About the Lectureship
The annual Myles Hollander Distinguished Lectureship recognizes an internationally renowned leader and pioneering researcher in statistics who has made a sustained impact on the field, and the lectures feature topics spanning the breadth of statistics.

About Myles Hollander
Myles Hollander joined the FSU Department of Statistics in 1965 upon completion of his M.S. and Ph.D. in Statistics at Stanford University after earning his B.S. in Mathematics from Carnegie Institute of Technology. He is Fellow of the American Statistical Association, Fellow of the Institute of Mathematical Statistics, and an Elected Member of the International Statistical Institute. He served as editor of the Journal of the American Statistical Association, Theory and Methods (1994-1996) after being editor-elect (1993-1994). In 2003, the American Statistical Association recognized him with the Gottfried E. Noether Senior Scholar Award for his excellence in theory, methodology, and applications in nonparametric statistics. At FSU, Hollander served as statistics chair for nine years (1978-1981, 1999-2005), and he retired in 2007.

The inaugural event of the Myles Hollander Distinguished Lectureship is sponsored by: