

Mathematics & Statistics Colloquium

March 31, 2017, 2:30pm, Jeff 234

Big Data, Data Science, Statistics

Nancy Reid

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The Canadian Statistical Sciences Institute developed a six-month thematic program on big data in 2015, with substantial funding from the Fields Institute, and support from PIMS, CRM and AARMS for activities across the country. By the end of this program, big data had given way to data science as the *phrase du jour*, and undergraduate and graduate programs in data science are being developed at a rapid pace.

In this talk I will present my own views on aspects of data science research, with reference to lessons learned from the thematic program and the many initiatives developing since then. I will emphasize the role of statistical science in the new world of data science – both old and new statistical ideas seem to be in demand.



Dr. Nancy Reid is a Professor in the Department of Statistical Science at University of Toronto. She is a Fellow of Royal Society of Canada, of the American Association for the Advancement of Science, of the Institute of Mathematical Statistics and of the American Statistical Association. She holds a number of prestigious awards including COPSS award, Florence Nightgale David Award, SSC Gold medalist, and Canadian Mathematics Society's Krieger-Nelson Prize Lectureship. She is internationally known as a leading statistical scientist whose work has had major impact in the area of theoretical statistics.

**The colloquium will be held
in the Department of Mathematics and Statistics, Jeffery Hall 234.
Light refreshments will be served in the lounge at 3:30p.m.**