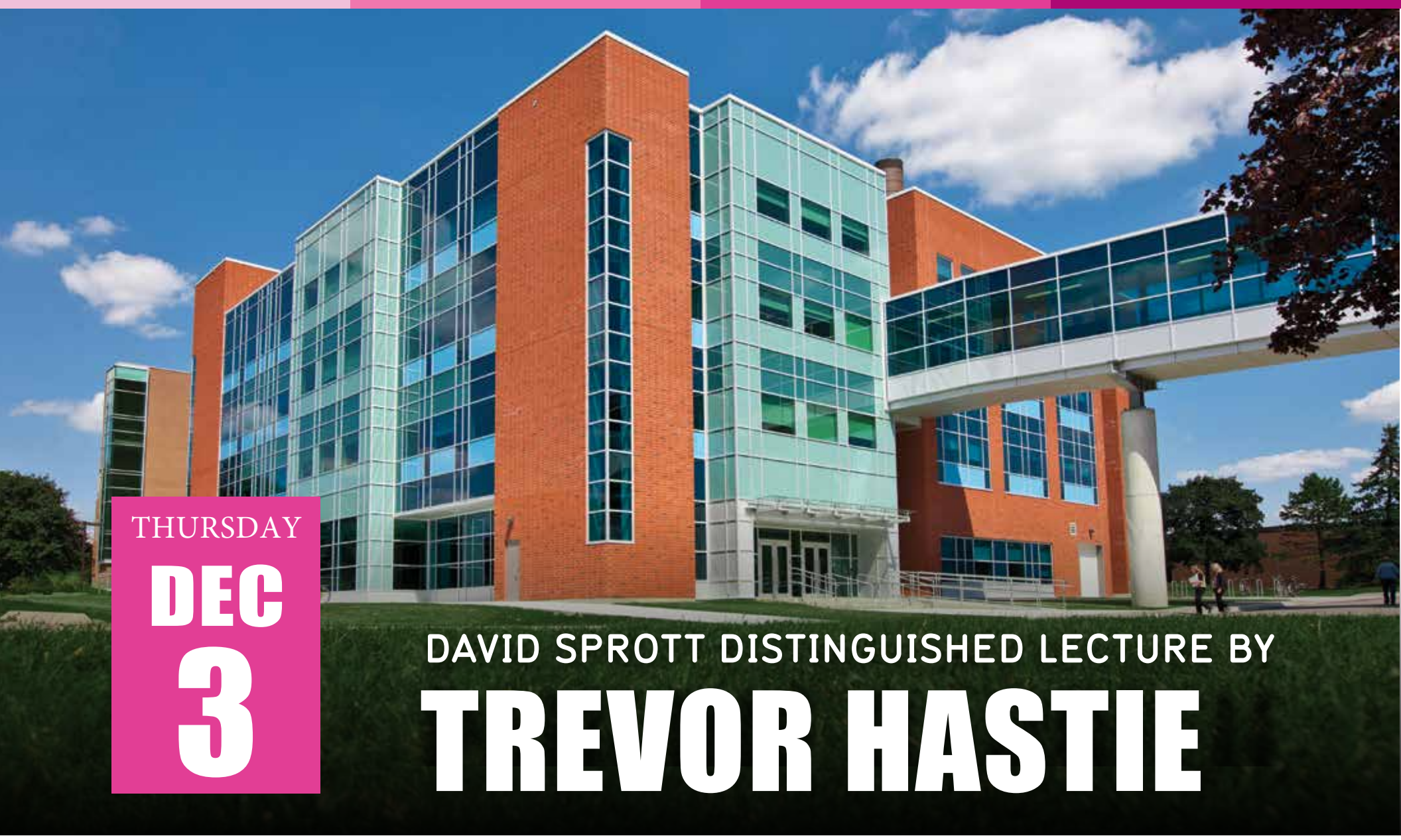
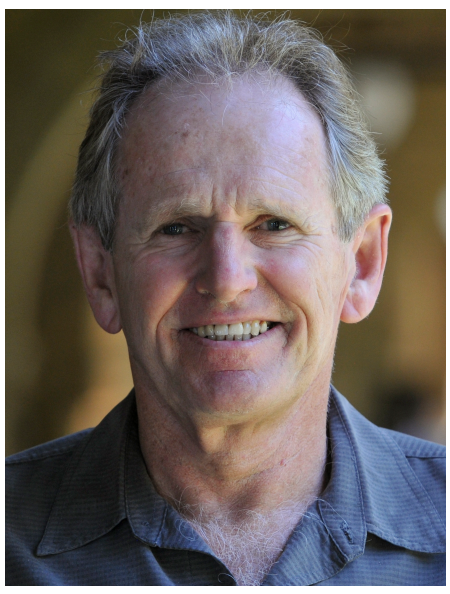


THURSDAY

DEC 3

DAVID SPROTT DISTINGUISHED LECTURE BY

TREVOR HASTIE



TREVOR HASTIE

Trevor Hastie is the John A. Overdeck Professor of Mathematical Sciences, Professor of Statistics and Professor of Biomedical Data Science at Stanford University. Dr. Hastie is known for his research in applied statistics, particularly in the fields of statistical modeling, bioinformatics and machine learning. He has published six books and over 200 research articles in these areas. Prior to joining Stanford University in 1994, Dr. Hastie worked at AT&T Bell Laboratories for 9 years, where he contributed to the development of the statistical modeling environment popular in the R computing system. He received a B.Sc. (hons) in statistics from Rhodes University in 1976, a M.Sc. from the University of Cape Town in 1979, and a Ph.D. from Stanford in 1984. In 2018 he was elected to the National Academy of Sciences.

Predictive Models in Health Research

Lasso, Random Forests, and especially Deep Neural Networks are very popular in data science applications. Do they have a role in health research, and are they likely to replace more traditional statistical models? In this talk I will argue that it depends on the application, the amount of data available, and the purpose of the modeling, with some guidance from the "Occam's razor" principle.

WHEN

Thursday December 3, 2020
At 4:00 p.m. (EST)

WHERE

Virtually on Webex
Register online

David A. Sprott (1930-2013)

Professor David Sprott was the first Chair (1967-1975) of the Department of Statistics and Actuarial Science at the University of Waterloo and first Dean of the Faculty of Mathematics (1967-1972). The David Sprott Distinguished Lecture Series was created in recognition of his tremendous leadership at a formative time of our department, as well as his highly influential research in statistical science.

Learn more about the David Sprott Distinguished Lecture Series:

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