2012 PARZEN PRIZE FOR STATISTICAL INNOVATION

to be awarded by
Department of Statistics, Texas A&M University
to

ADRIAN E. RAFTERY
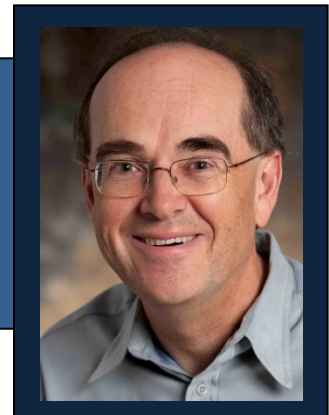
Friday, April 26, 2013, 4:00 pm
Memorial Student Center, Room 1400

The 2012 EMANUEL AND CAROL PARZEN PRIZE FOR STATISTICAL INNOVATION will be proudly awarded to ADRIAN E. RAFTERY, Professor of Statistics and Sociology at the University of Washington, on April 26, 2013 at 4:00 pm.

Bayesian Reconstruction of Past Populations for Developing and Developed Countries
ADRIAN E. RAFTERY
Professor of Statistics & Sociology, University of Washington

The Parzen Prize for Statistical Innovation is awarded (normally in the spring of even numbered years) to North American statisticians who have made outstanding and influential contributions to the development of applicable and innovative statistical methods. The prize has been established to reduce the sparsity of prestigious awards and prizes that recognize outstanding careers in the discipline and profession of statistics. The Parzen Prize is supported by the Emanuel and Carol Parzen Fund which was established as an endowment at the Texas A&M Development Foundation in honor of Dr. Parzen's 65th birthday on April 21, 1994.

The 2012 Emanuel and Carol Prize for Statistical Innovation is awarded to **Adrian E. Raftery** "For pioneering, influential, and outstanding research in statistical theory, including developing methods for Bayesian hypothesis testing, Bayesian model selection, Bayesian model averaging, probabilistic forecasting, model-based clustering and classification, inference from computer simulation models, time series, and image analysis; leadership in applications of statistical methods to sociology, demography, environmental sciences, and health sciences."

Adrian Raftery is an elected Fellow of the American Statistical Association, Institute of Mathematical Statistics, the American Academy of Arts and Sciences as well as an elected member of the United States National Academy of Science. Among his significant honors is the 2011 ASA Award for Outstanding Statistical Application, the 2011 ASA Statistics in Chemistry Award, the Jerome Sacks Award for Outstanding Cross-Disciplinary Research for the National Institute of Statistical Sciences as well as the H.

O. Hartley Memorial Lecturer at Texas A&M University. He has published over 100 refereed articles in statistical, sociological and other journals. He was identified as the world's most cited researcher in mathematics for 1995-2005 by Thomson-ISI. His research focuses on Bayesian model selection and Bayesian model averaging, model-based clustering, inference for deterministic simulation models, and the development of new statistical methods for sociology, demography, and the environmental and health sciences. Professor Raftery received a Doctorate in Mathematical Statistics from the Universite Pierre et Marie Curie in Paris, France in 1980. He has been Professor of Statistics and Sociology at the University of Washington since 1990. In addition, he was the founding Director of the Center for Statistics and Social Sciences at the University of Washington.

Emanuel Parzen is a Distinguished Professor Emeritus of Statistics at Texas A&M University. In 1994 he was awarded the Samuel S. Wilks Memorial Medal of the American Statistical Association "for outstanding research in Time Series Analysis, especially for his innovative introduction of reproducing kernel spaces, spectral analysis and spectrum smoothing; for pioneering contributions in quantile and density quantile functions and estimation; for unusually successful and influential textbooks in Probability and Stochastic Processes; for excellent and enthusiastic teaching and dissemination of statistical knowledge; and for a commitment to service on Society Councils, Government Advisory Committees, and Editorial Boards." Dr. Parzen was also awarded the 2005 Gottfried E. Noether Award "for a lifetime of outstanding achievements and contributions in the field of nonparametric statistics, both in research and teaching." Dr. Parzen retired in 2009 and continues his research collaborations with graduate student, Deep Mukhopadhyay.