

HARVARD UNIVERSITY
DEPARTMENT OF STATISTICS



Tel. 617-495-5496
Fax. 617-496-8057
statdept@stat.harvard.edu
<http://www.stat.harvard.edu/>

Science Center 7th Fl.
One Oxford Street
Cambridge, MA 02138

STATISTICS COLLOQUIUM

MONDAY, DECEMBER 1, 2014

TALK: 4:15 PM — SCIENCE CENTER RM. 705

RECEPTION: 3:50 PM — SCIENCE CENTER, 7TH FLOOR

“Probabilistic Population Projections for All Countries”

Adrian Raftery
Department of Statistics; Department of Sociology
University of Washington

ABSTRACT

Projections of countries' future populations, broken down by age and sex, are widely used for planning and research. They are mostly done deterministically, but there is a widespread need for probabilistic projections. I will describe a Bayesian statistical method for probabilistic population projections for all countries. These new methods have been used by the United Nations to produce their most recent population projections for all countries.