

COLLOQUIUM ON THE STATISTICAL SCIENCES
THE SCHOOL OF STATISTICS
University of the Philippines

invites all students and faculty to a colloquium on

**TESTS FOR RICHNESS AND POORNESS: A STOCHASTIC
DOMINANCE ANALYSIS OF INCOME DISTRIBUTIONS**

to be given by

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Tuesday, 28 July 2015, 4:00 p.m.
UPSS Auditorium

ABSTRACT

In this paper, we propose the use of new stochastic dominance tests to achieve a more robust analysis of relative welfare levels in the study of income distributions. In particular, we propose applying the theory of descending stochastic dominance to enrich results that are obtained using the standard stochastic dominance techniques.

Keywords: stochastic dominance tests, income distributions, richness, poorness

About the author:



Dr. Rebecca Valenzuela is Senior Lecturer in the Department of Economics, Monash University, Australia. Her research specialization is the area of demand system estimation, household welfare analysis, analysis of poverty and inequality issues in developing economies; she has recently commenced work analyzing aspects of Child Poverty in the Philippines. Dr. Valenzuela has authored several academic papers published internationally; she is also co-author of a widely popular book titled *Economic Development in Asia* (2005, 2009). Outside academia, Rebecca is considered a national expert in the measurement of child costs and, as such, has assisted in the settlement/resolution of over 100 family court cases around Australia since 2004.