

THE UNIVERSITY OF GEORGIA



DEPARTMENT OF STATISTICS

FRANKLIN COLLEGE OF ARTS AND SCIENCES

The University of Georgia
Department of Statistics

Colloquium Series

Somnath Datta
Professor and Vice Chair
Bioinformatics and Biostatistics
University of Louisville

“Nonparametric Regression for Multistate Models”

We will consider inference for various marginal temporal functions of a multistate system such as the state occupation probabilities, the integrated transition hazards, the state entry, exit and sojourn time distributions. For most parts, we will not assume a Markov or semi-Markov system. Nonparametric estimators under right censored, current status and interval censored data will be constructed. In this talk, we will consider construction of nonparametric regression estimators of the above quantities given a continuous covariate.

For more information,
please contact:
stat@uga.edu

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Friday, July 15th, 2011

3:30 PM at 306 Statistics Building

Refreshments will be immediately after the talk in The
Cohen Room, room 230, Statistics Building