

## Department of Systems Engineering and Engineering Management

### Seminar Series

# **The Design, Implementation and Key Results of the Epidemiology and Ecology of *V. cholerae* in Bangladesh Study, and the Stenting and Aggressive Medical Management for Prevention of Recurrent Stroke in Intracranial Stenosis (SAMMPRIS) Study**

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Senior Associate

Department of Biostatistics and Bioinformatics

Emory University, USA

Date	5 May 2015 (Tuesday)
Time	10:30am (Tea/Coffee service at 10:15am)
Venue	P6921, 6/F, AC1

### **Abstract**

In this presentation, the design, implementation and key results of two prominent National Institutes of Health-funded studies will be presented: the Epidemiology and Ecology of *V. cholerae* in Bangladesh study, and the Stenting and Aggressive Medical Management for Prevention of Recurrent Stroke in Intracranial Stenosis (SAMMPRIS) study. The first study is a one-of-a-kind multi-disciplinary collaborative research effort to identify ecological factors related to cholera disease outbreaks in geographically diverse regions of Bangladesh, where cholera is endemic. The second study involves a large scale clinical trial of strategies for the prevention of stroke, with a simple and yet remarkably important set of end-results.

## About the Speaker

**Mr. Nizam** has been a Senior Associate faculty member in the Department of Biostatistics and Bioinformatics in the Rollins School of Public Health of Emory University since 1988. He has a Bachelor of Arts in mathematics and economics from Grinnell College (Grinnell, IA) and a Master of Science in statistics from the University of South Carolina (Columbia, SC). At Emory, he has taught applied statistical methods courses to graduate students for over 25 years. He has been named his school's Professor of the Year three times, and has also received the University's Crystal Apple award for excellence in teaching. He has served as a collaborative biostatistician, associate director and director of data management, co-investigator and principal investigator on numerous medical and public health studies funded by the United States National Institutes for Health, including studies of mathematical models of infectious disease epidemics, the 18-year long Epidemiology and Ecology of *V. cholerae* in Bangladesh study, the Stenting and Aggressive Medical Management for Prevention of Recurrent Stroke in Intracranial Stenosis (SAMMPRIS) study and, most recently, the newly awarded Tuberculosis Research Unit at Emory University.

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Enquiry: 3442 8408

***All are Welcome!***