Program Schedule

2013 NC-ASA Symposium: Celebrating the International Year of Statistics

October 12, 2013

Raleigh NC USA

Special thanks to our sponsors:
9:30 a.m. - 10:00 a.m.

Registration and Refreshments
SAS Hall (2nd floor lobby)

10:00 a.m. - 10:15 a.m.

Welcoming Remarks
SAS 1102

Sujit Ghosh, President of North Carolina Chapter of ASA
Montse Fuentes, Head, Department of Statistics, North Carolina State University

10:15 a.m. - 11:15 a.m.

Plenary Session I
SAS 1102
Chair: Sat Gupta, University of North Carolina at Greensboro

The Early Development of Statistics in N.C.
Prof. Ross Leadbetter, University of North Carolina at Chapel Hill

11:30 a.m. - 12:30 p.m.

Technical Sessions: Session 1
SAS 2235
Chair: Ana-Maria Staicu, North Carolina State University

11:30 Classical Testing in Functional Linear Models
Dehan Kong, University of North Carolina at Chapel Hill

11:50 Interaction Models for Functional Data
Joseph Usset, North Carolina State University

12:10 Generalized Functional Concurrent Model
Janet S. Kim, North Carolina State University

Technical Sessions: Session 2
SAS 2225
Chair: Arnab Maity, North Carolina State University

11:30 A Binary Optional Unrelated Question RRT Model
Jeong S. Sihm, University of North Carolina at Greensboro

11:50 Leveraging Auxiliary Information for SNP Selection in Genetic Association Studies
Adrian Coles, North Carolina State University
12:10 Iterative Selection using Orthogonal Regression Techniques  
Bradley Turnbull, North Carolina State University

**Technical Sessions: Session 3**  
SAS 2229  
Chair: Rui Song, North Carolina State University

11:30 **Likelihood-based estimation of structural nested mean models in randomized clinical trials with non-compliance**  
Roland Matsouaka, Harvard University

12:00 **Human Odor VOC Elimination Analysis by PCA and L-2 Norm**  
Christopher Vanlangenberg, University of North Carolina at Greensboro

**12:30 p.m. - 1:30p.m.**

**Boxed Lunch**  
SAS 1101

**Poster session**  
High School Students and Undergraduates  
Outside SAS 2203

- **Individual Treatment Assignment as a Decision Problem**  
Qi Dong, Duke University

- **Social media usage by Enloe High School students**  
Utshab Chakraborty, Enloe High School, Raleigh, NC

**1:30 p.m. - 2:00p.m.**

**NC Chapter Meeting**  
SAS 1102

**2:00 p.m. - 3:00 p.m.**

**Plenary Session II**  
SAS 1102  
Chair: Jason Brinkley, East Carolina University

- **The Present and Future of Statistics: Challenges and Opportunities**  
Prof. Marie Davidian, North Carolina State University

**3:00 p.m. - 3:30 p.m.**

**Awards and Closing Remarks**  
SAS 1102  
Chair: Sujit Ghosh, President of North Carolina Chapter of ASA