Probability & Statistics Day 2016:
A Celebration of Bimal Sinha’s 70th Birthday
UMBC’s Department of Mathematics and Statistics
May 20-21, 2016

Venues

- Atrium of UMBC’s Public Policy Building:
  Venue for registration, lunches, and coffee breaks
- Room 105 of the Public Policy Building:
  Venue for all lectures

Friday, May 20, 2016

12:00-1:30 pm  Registration and Lunch

1:30-2:00 pm  Welcome
  Rouben Rostamian
  Chair, Department of Mathematics & Statistics, UMBC
  William LaCourse
  Dean, College of Natural and Mathematical Sciences, UMBC
  Thomas Mathew
  Conference Chair, UMBC

2:00-2:45 pm  Barry Arnold
  University of California, Riverside
  Flexible bivariate beta models and their close relatives
  Chair: Yaakov Malinovsky, UMBC
2:45-3:30 pm  Malay Ghosh  
University of Florida, Gainesville  
Global-local shrinkage priors for variable selection and estimation  
Chair: Partha Lahiri, Joint Program in Survey Methodology, University of Maryland College Park

Coffee Break: 3:30 – 4:00 pm

4:00-4:45 pm  Nitis Mukhopadhyay  
University of Connecticut-Storrs  
Sufficiency-Ancillarity-Information: Inferences on “Nile”-type examples and a common mean  
Chair: Gauri Datta, U.S. Census Bureau

4:45-5:05 pm  Barry Nussbaum  
American Statistical Association  
Invited commentary  
Chair: Nagaraj Neerchal, UMBC

5:05-5:25 pm  Tommy Wright  
U.S. Census Bureau  
Invited commentary  
Chair: Nagaraj Neerchal, UMBC

5:25-5:45 pm  Carlos Coelho  
Universidade Nova de Lisboa, Portugal  
Invited technical commentary  
Chair: Martin Klein, U.S. Census Bureau
Saturday, May 21, 2016

8:00-9:00 am  Registration and Breakfast

9:00-9:45 am  Guido Knapp
TU Dortmund University, Germany
Meta-analysis with binary data
Chair: Nitis Mukhopadhyay, University of Connecticut-Storrs

9:45-10:30 am  Ejaz Ahmed
Brock University, Canada
Big data analytics: tools, tricks and tips
Chair: Kofi Adragni, UMBC

Coffee Break: 10:30 – 11:00 am

11:00-11:45 am  Erniel Barrios
University of the Philippines Diliman
Robust estimation in multiple time series
Chair: Do-Hwan Park, UMBC

11:45-12:15 pm  Photo Session

Lunch: 12:15 - 1:30 pm

1:30-2:15 pm  Philip Yu
University of Hong Kong
Statistics in the era of big data
Chair: Yi Huang, UMBC

2:15-3:00 pm  Sanat Sarkar
Temple University
Improving Holm's procedure using pairwise dependencies
Chair: Tapan Nayak, George Washington University
3:00-3:30 pm  P.K. Sen  
University of North Carolina at Chapel Hill  
Invited commentary  
Chair: Michael Messner, U.S. EPA

Coffee Break: 3:30 – 4:00 pm

4:00-4:45 pm  Martin Klein  
U. S. Census Bureau  
Likelihood based finite sample inference for singly  
imputed synthetic data under the multiple linear  
regression model  
Chair: Anindya Roy, UMBC

4:45-5:30 pm  Alumni Recognition: Kofi Adragni

5:30-6:00 pm  UMBC President Freeman Hrabowski

6:00-6:45 pm  Reception

Conference Dinner: 7:00 pm (UMBC’s Skylight Room)