

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 Adragani, 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)