

3RD ANNUAL PROBABILITY AND STATISTICS DAY AT UMBC

FUNDED BY NSA

Saturday, April 25, 2009
ITE Building, UMBC

Final Program

Registration/Breakfast: 8:00 am – 9:00 am

Opening Session, *Lecture Hall 7*: 9:00 am – 9:30 am

Welcome by Professor Philip Rous, Interim Dean

Welcome by Professor Nagaraj Neerchal, Chair, Dept of Math & Stat

Observations by Professor Bimal Sinha, Conference Chair

Keynote Address I, *Lecture Hall 7*: 9:30 am – 10:15 am

Introduction of Speaker by Professor Thomas Mathew

Speaker: **Professor Barry Arnold**, University of California, Riverside

Title: Some flexible augmentations of multivariate models

Keynote Address II, *Lecture Hall 7*: 10:15 am – 11:00 am

Introduction of Speaker: Professor Nagaraj Neerchal

Speaker: **Professor Loveday Conquest**, University of Washington

Title: Fisheries, endangered seabirds, and the statistics of where they
tangle together

Coffee Break: 11:00 am – 11:30 am

POSTER SESSION, Lobby Area: 11:00 am - 5:00 pm

Student Poster Presenters

- Nick Kolupanowich
- Erum Marfani
- Andrew Raim
- Elizabeth Stanwyck
- Yukun Wu

Judges: Michael Baron, Aarti Gupta, Larry Magder,
Sumona Mandal, Santosh Sutradhar

Parallel Sessions: 11:30 am – 1:30 pm

Session A: Oral Presentation by Graduate Students I, **Room 227**

Chair: Dr. Meena Khare, NCHS

Judges: Dr. Indrani Basak, Dr. Sati Mazumdar,
Dr. Karabi Sinha, Dr. Laura Zayatz

Student Presenters: Hui Huang, Ravi Kalpathy
Martin Klein, Gaurav Sharma

Session B: Oral Presentation by Graduate Students II, **Room 229**

Chair: Dr. Rong Wei, NCHS

Judges: Dr. Xiaoming Li, Dr. Michael Messner
Dr. Lei Nie, Dr. Nabendu Pal

Student Presenters: Xiaoyu Dong, Erum Marfani,
Elizabeth Stanwyck, Lihan Yan, Dihua Xu

Session C: Special Invited Presentations, **Lecture Hall 7**

Chair: Dr. Mainak Mazumdar, University of Pittsburgh

- Professor Ayan Basu, Penn State University & Indian Statistical Institute
- Professor Naveen Bansal, Marquette University
- Professor Eric Slud, University of Maryland College Park
- Professor Bikas Sinha, Indian Statistical Institute

Lunch & Photo Session: 1:30 pm – 2:45 pm

Keynote Address III, Lecture Hall 7: 2:50 pm – 3:40 pm

Introduction of Speaker: Paul White, NCEA/ORD/EPA

Speaker: **Dr. Scott D. Patterson**, Wyeth Research and Development

Title: Bioequivalence – A History and Update on Recent Developments

Parallel Sessions: 3:40 pm – 5:40 pm

Session D: UMBC Alumni Presentations, **Lecture Hall 8**

Chair: Professor Tapan Nayak, George Washington University

- Professor Nabendu Pal, University of Louisiana
- Professor Michael Baron, University of Texas at Dallas
- Dr. Lanju Zhang, MedImmune, Inc.
- Dr. Santosh Sutradhar, Pfizer, Inc.

Session E: Biostatistics, Room 227

Organizers: Dr. DoHwan Park and Dr. Yi Huang, UMBC

Chair: Dr. Yi Tsong, FDA

- Dr. Karabi Sinha, UCLA
- Dr. Nilanjan Chatterjee, NCI/NIH
- Dr. Elizabeth Stuart, JHU
- Dr. Mahlet Tedesse, Georgetown University

Session F: Probability, Multivariate Analysis and Experimental Design

Lecture Hall 7

Organizer: Dr. J. Spall, APL/JHU

Chair: Professor Art Pittenger, UMBC

- Dr. H. M. James Hung and Dr. Sue-Jane Wang, FDA
- Dr. Youngmi Hur, Applied Mathematics & Statistics, JHU
- Dr. Moustapha N. Pemy, Towson University
- Dr. Barry A. Bodt, U.S. Army Research Laboratory
- Dr. James Spall, APL/JHU

Student Award Presentations: Lecture Hall 7, 5:40 pm – 6:00 pm

Professor Dulal Bhaumik, UIC & Dr. Kevin Drummey, NSA

Refreshments: 6:00 pm – 7:00 pm

Conference Dinner: Skylight Room, 7:30 pm – 10:00 pm

Introduction of Speaker: Dr. Anindya Roy, UMBC

Speaker: **Dr. Ron Wasserstein**

Executive Director, American Statistical Association

Title: "What Probability and Forrest Gump Teach Us about the Maryland Lottery"