

LIST OF MSCS COLLOQUIUM SPEAKERS, SPRING 2012

Colloquium Coordinator: Paul Bankston

Talks—unless otherwise specified—are given at 4pm on Fridays, in CU 401.

January

18 (Special colloquium, 1pm) Kun Liang, Department of Statistics, University of Wisconsin, Madison, WI: *Adaptive Procedures for False Discovery Rate Estimation and Control*.

20 (Special colloquium, 1pm) Qianchan Chad He, Department of Biostatistics, University of North Carolina, Chapel Hill, NC: *Variable Selection in Meta-Analysis under High-Dimensional Settings*.

27 J. Tipan Verella, Systems and Information Engineering, University of Virginia, Charlottesville, VA: *On the Equilibrium of Threshold Models of Collective Behavior*.

February

10 Naveen Bansal, MSCS, Marquette University: *A Bayesian Decision Theoretic Approach to Directional Multiple Hypothesis Problems*.

24 Jessica Conway, Mathematics Department, University of British Columbia, Vancouver, BC: *HIV Treatments for Infection Prevention: Stochastic Model Predictions*.

March

02 [Note special time, 1pm] Xiaoxu Han, Department of Mathematics and Bioinformatics, Eastern Michigan University, Ypsilanti, MI: *High-Performance Diagnostics and Biomarker Discovery in Translational Bioinformatics.*

05 [Note special time, 1pm] Duygu Ucar, Genetics Department, Stanford University, Palo Alto, CA: *Characterizing the Regularity Role of Combinatorial and Spatial Deposition of Epigenetic Marks.*

07 [Note special time, 1pm] Serdar Bozdog, Neuro-Oncology Branch, National Cancer Institute, National Institutes of Health, Bethesda, MD: *Reverse Engineering of Gene Regulatory Networks via Parallel Computing.*

09 Sajal Das, Director, Center for Research in Wireless Mobility and Networking, Department of Computer Science and Engineering, University of Texas, Arlington, TX: *Pervasive Computing vs. Cyber-Physical Systems: A Perspective from Smart Environments.*

23 Mohammad Tanviruzzaman, MSCS, Marquette University: *Assessing Accessibility with Ease.*

April

13 Mohammad Adibuzzaman, MSCS, Marquette University: *In Situ Affect Detection in Mobile Devices: A Multimodal Approach for Advertisement Using Social Networks.*; and
Niharika Jain, MSCS, Marquette University: *A Survey of Physiological Monitoring of Emotions.*

20 Jeb Willenbring, Department of Mathematical Sciences, University of Wisconsin, Milwaukee: *Harmonic Polynomials and Counting Permutations.*

27 Guangwu Xu, Department of Electrical Engineering and Computer Science, University of Wisconsin, Milwaukee: *Construction of Compressed Sensing Matrices.*