

Conference Agenda

Day 1 (11/15)

Time	Location	Event	Moderator/ Session Chair
7:00-8:00	RAS 102	Breakfast	
8:00-8:40	RAS 101	Welcome Dean and Chair, Chair address <i>Dr. Hulin Wu</i>	
8:40-9:10	RAS 101	A Half-Century of Data, Discovery, and Public Health Leadership <i>Dr. Barry R Davis</i>	Dr. Hulin Wu
9:10-10:00 ↵	RAS 101	Keynote talk: Transforming Clinical Trials through Innovation, Real-World Evidence, and Patient Diversity; <i>Dr. Susan Halabi</i>	Dr. Barry R Davis
10:15-11:45	RAS 101	Invited Session: Innovative Strategies for Clinical Trials and Disease Modeling	Dr. Wenyaw Chan
10:15-10:35		Utilization of Adverse Event (AE) Data in Cancer Clinical Trial from Data Science Perspective; <i>Dr. Dung-Tsa Chen</i>	
10:35-10:55		A non-parametric approach to predict the recruitment for randomized clinical trials: An example in elderly inpatient settings; <i>Dr. Xiaoying Yu</i>	
10:55-11:15		Time-Since-Infection Model for Hospitalization and Incidence Data in Infectious Disease Modeling; <i>Dr. Jing Huang</i>	
11:15-11:35		Lactate Response to Exercise in Alzheimer's Disease versus Controls: Using Linear Mixed Models to Account for Repeated Measures and for Heterogeneous Variances; <i>Dr. Jonathan D Mahnken</i>	
11:35-11:45		Q & A	
11:45-13:00	RAS 102	Lunch	
13:00-13:50 ↵	RAS 101	Keynote talk: Utilizing Data to Make Advancements for Cancer; <i>Dr. Jill Barnholtz-Sloan</i>	Dr. Jose-Miguel Yamal
14:00-15:30 ↵	RAS 101	Invited Session: Harnessing Big Data and High-Dimensional Information	Dr. Tru Cao
14:00-14:20		Showcase of Using Machine Learning Methods to Improve Clinical Understanding of Aging Problem; <i>Dr. Han Feng</i>	
14:20-14:40		Applications of Machine Learning for Detection and Amyloid Burden Classification in Mouse MRI for Alzheimer's Disease; <i>Dr. Esther Ngan</i>	
14:40-15:00		Quantifying the Global Mediation Effect for Nonsparse High-dimensional Genomics Mediators; <i>Dr. Tianzhong Yang</i>	
15:00-15:20		A Patient Similarity-embedded Bayesian Approach to Prognostic Biomarker Inference with Application to Thoracic Cancer Immunity; <i>Dr. Duo Yu</i>	
15:20-15:30 ↵		Q & A	
15:40-16:20	RAS 101	Poster Presentation (Speed)	Dr. Rossi Luo
16:20-17:20 ↵	RAS 101	Career Panel: Statistical Leadership across Sectors (sponsored by Eli Lilly) Panelists: <i>Drs. Jeff Chen, Jack Lee, and David Manner</i>	Dr. Chao Yang
17:30-18:30 ↵	IMM	Contributed Poster Session & Mixer	Dr. Rossi Luo
18:40-20:30	IMM	Banquet	

Breakfast and lunch will be provided on both days; Dinner will be provided on 11/15. IMM building is at 1825 Pressler Street, 77030.

↵ corresponds to a 10min or 15min coffee break after the session.

Day 2 (11/16)

Time	Location	Event	Moderator/ Session Chair
7:00—8:00	RAS 102	Breakfast	
8:00-8:50 ↵	RAS 101	Keynote talk: Statistical Leadership in Advancing Innovation in Drug Development; <i>Dr. Kannan Natarajan</i>	Dr. Samiran Ghosh
9:00-10:50 ↵	RAS 101	Invited Session: Embracing New Data Types and Variables: Challenges and Opportunities for Integration and Analysis	Dr. Ruosha Li
9:00-9:20		A Bayesian zero-inflated Dirichlet-multinomial Regression Model for Multivariate Compositional Count Data; <i>Dr. Matthew D Koslovsky</i>	
9:20-9:40		A Dynamic Risk Model for Multi-outcome Data in Longitudinal Studies; <i>Dr. Alokanda Ghosh</i>	
9:40-10:00		Regression Analysis of Multivariate Recurrent Event Data Allowing Time-Varying Dependence with Application to Stoke Registry Data; <i>Dr. Wen Li</i>	
10:00-10:20		From Prevision Health to Social Determinants of Health – Opportunity to Integrate Data Science into Behavior Interventions; <i>Dr. Yue Liao</i>	
10:20-10:40		Mobile devices: Validity, measurement errors, and their application in forecasting pediatric migraine attacks; <i>Dr. Hung-Wen Yeh</i>	
10:40-10:50 ↵		Q & A	
11:00-12:00		RAS 101	
12:00-12:07	RAS 101	Valedictory Address <i>Dr. Samiran Ghosh</i>	
12:07-12:20	RAS 101	Awards & Conclusion	
12:20-	RAS 102	Box Lunch	

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