

ICSA 2009 Applied Statistics Symposium Program Schedule - June 23, Tuesday

Session Program	Date	Time	Room	Session Title	Organizer	Chair	Speakers	Affiliation	Titles
	Tuesday	8:30 a.m. - 10:10 a.m.	Grand Ball Room	Keynote Address	ICSA 2009 Applied Statistical Symposium	Xiao-Li Meng, Harvard University	Nicholas P. Jewell	University of California, Berkeley	Alternatives to Intention to Treat—the MIRA Trial
23-Jun-09 10:10 a.m. - Ballroom Break									
10:30 a.m. - Foyer									
		10:30 a.m. - 12:10 p.m.	Aspen Room	#27. Statistical considerations of developing Follow-on-Biologics	Julie Ma and Yi Qian, Amgen	Eric Chi, Amgen	1. Andrew Fox 2. Jun Yang and Shein-Chung Chow 3. Lei Lei and Kurt Olson	1. Amgen 2. Amgen and Duke University 3. Amgen	1. Biosimilar Medicinal Products 2. On statistical consideration for assessment of similarity between follow-on biologics 3. A real life example - manufacturing process change
			Hickory/Ha withorne	#28. Case studies: Usage of surrogate endpoints in clinical trials	Julie Ma and Yi Qian, Amgen	Kathy Harris, Amgen	1. Barry R Davis 2. Yu-Ching Yang 3. Cong Chen and Linda Sun	1. The UT School of Public Health 2. Amgen 3. Merck	1. Does it matter how you lower blood pressure? 2. The evaluation of surrogate endpoints for the treatment effect on fractures in postmenopausal women 3. Use of surrogate endpoints in seamless Phase II/III trials
			Laurel Room	#29. Empirical likelihood methods	Liang Peng, Georgia Institute of Technology	Jian-Jian Ren, University of Central Florida	1. Jiahua Chen 2. Jeff Qin 3. Jian-Jian Ren	1. University of British Columbia, Canada 2. Georgia State University 3. University of Central Florida	1. Adjusted empirical likelihood with high order precision 2. Bootstrap and empirical likelihood-based semi-parametric inference for the difference between two partial AUCs 3. Full likelihood inference in the Cox model
			Oak Room	#30. Methods for Analyzing Observational Studies	Shibao Feng, Genentech and Ouhong Wang, Amgen	Shibao Feng, Genentech	1. Mark van der Laan 2. Dylan Small 3. Lei Nie 4. Yangxin Huang	1. University of California, Berkeley 2. University of Pennsylvania 3. FDA 4. University of South Florida	1. Targeted maximum likelihood and super learning to assess causal effects in observational studies 2. The strength of instrumental variables and their sensitivity to unobserved bias 3. Laplace approximation for relative risk models 4. Identifying confounding effects of clinical factors and covariates on virologic response in HIV dynamic models

Polar Room	#31. Non-linear time series	Liang Peng, Georgia Institute of Technology	Demian Pouzo, UC Berkeley 1. Lily Wang 2. Demian Pouzo 3. Shiqing Ling	1. University of Georgia 2. UC Berkeley 3. Hong Kong University of Science and Technology	1. Spline-backfitted kernel smoothing of additive models in time series 2. Estimation of time series semi/non-parametric conditional moment models with possibly nonsmooth generalized residuals 3. A General Approach to Goodness-of-fit Tests for Time Series Models
Cypress - 2nd Fl	#32. Special Invited Session by Statistical Sinica	Peter Hall, University of Melbourne, Australia and University of California, Davis, and Kung-Yee Liang, Johns Hopkins University	Xiao-Li Meng, Harvard University 1. Aurore Delaigle 2. John Staudenmayer 3. Jianqing Fan	1. University of Melbourne and University of Bristol, UK 2. University of Massachusetts 3. Princeton University	1. An alternative view of the deconvolution problem 2. Density estimation in the presence of heteroskedastic measurement error 3. Design-adaptive Local Polynomial Estimator for the Errors-in-Variables Problem
Cottonwood - 2nd Fl	#33. Applications of Empirical Bayes Modeling to Forecasting, Credit Risk and Cancer Studies	Tze Leung Lai Lang Wu, University of British Columbia, Canada	1. Shulamith Gross 2. Samuel Po-Shing Wong 3. Youngjo Lee	1. Baruch College & City Univ. of New York 2. Chinese University of Hong Kong 3. Seoul National University, Korea	1. Evaluation of probability forecasts: An empirical Bayes approach 2. Empirical Bayes modeling of default probabilities and loss given default in credit risk management 3. Doubly hierarchical generalized linear models with applications to prostate cancer data
Cherry - 2nd Fl	#34. Contributed Session VI: Survival Analysis	Xiaoyn (Frank) Fan, Merck Research Lab	1. Xing Sun 2. Tanushree Banerjee 3. Man-Hua Chen 4. Xiaoyin (Frank) Fan	1. Merck 2. University of Delhi 3. Tamkang U. 4. Merck Research Lab	1. A Comparison of Commonly Used Analysis Methods for Interval-Censored Time-to-event Data from Clinical Trials 2. Estimation of hazard of death in vertically transmitted HIV-1-infected children for doubly censored failure times 3. A Frailty Model Approach for Multivariate Current Status Data 4. Handling Dropouts in a Multiple-Attack Migraine Study

12:15 p.m. - 1/2 Round Table Luncheon (Fee Event)

1:45 p.m. Ballroom
ABWS

2:00 p.m. - 3:40 p.m.	Aspen Room	#35. Statistical methodology combining statistical learning and biological understanding on molecule pathway	Jingjing Ye, Pfizer	Jingjing Ye, Pfizer	1. Hongzhe Li 2. Daniel Merl 3. Pao-Yang Chen	1. University of Pennsylvania 2. Duke University 3. Oxford University, UK	1. Network Constraint Regression Analysis of Genomic Data 2. Investigating Oncogene Pathway Interactions Using Bayesian Latent Factor Models 3. Bioinformatics analysis on chemotaxis pathways across species
	Hickory/Ha wthorne	#36. Student Award Session I	Jane-Ling Wang, University of California, Davis	Jane-Ling Wang, University of California, Davis	1. Jane Paik 2. Nengfeng Zhou 3. Hung Hung	1. Columbia University 2. University of Michigan 3. National Taiwan University	1. Semiparametric inference of linear transformation models with length-biased censored data 2. Group variable selection via a hierarchical LASSO and its oracle property 3. Nonparametric methodology for the time-dependent partial area under the ROC curve
	Laurel Room	#37. Data Clustering	Tao Shi, Ohio State University	Tao Shi, Ohio State University	1. Hyang Min Lee 2. Changxuan Mao 3. Amy Braverman	1. Pennsylvania State University 2. University of California, Riverside 3. Jet Propulsion Laboratory	1. A Nonparametric Statistical Approach to Clustering via Mode Identification 2. Hidden populations, mixture model and challenges 3. Massive Data Set Analysis for NASA's Atmospheric Infrared Sounder
	Oak Room	#38. Environmental Statistics	Tao Shi, Ohio State University	Cari Kaufman, UC-Berkeley	1. Yongtao Guan 2. Jun Zhu 3. Cari Kaufman	1. Yale University 2. University of Wisconsin 3. University of California, Berkeley	1. Sufficient Dimension Reduction for Spatial Point Processes with Application to Tropical Forestry Data 2. Bayesian inference of the spectral density of a random field 3. Dynamic Modeling of Soil Moisture Under Climate Change
	Polar Room	#39. Recent developments in statistical methods for risk prediction models	Mei-Chiung Shih, Stanford University	Mei-Chiung Shih, Stanford University	1. Ruth Pfeiffer 2. Nancy Cook 3. Holly Janes	1. NCI 2. Harvard University 3. Fred Hutchinson Cancer Research Center	1. On incorporating biomarkers into models for absolute risk prediction models 2. Properties of reclassification indices for risk prediction models 3. Evaluating risk prediction models using risk stratification tables

Cypress - 2nd FI	#40. A Special Invited Session to Honor Professor Chin Long Chiang's Contributions to Statistics	Ying Lu, UCSF Ying Lu, UCSF 1. Colin O. Wu 2. Ji-Qian Fang 3. John Wilmoth	1. NIH/NHLBI 2. Sun Yat Sen University, China 3. University of California, Berkeley	1. Theory of Competing Risks Revisited: A 95th birthday tribute to Professor C.-L. Chiang 2. Chiang's contribution to the multi-state stochastic processes and related statistical issues 3. Prof. Chiang, the life table, and some current problems in demographic research
Cottonwood - 2nd FI	#41. Contributed Session VII: Topics in Bioinformatics I	Qinghua Song, Merck 1. Li Zhang 2. Min Zhang 3. Song Wu 4. Mai Zhou 5. Yongming Qu 6. Fan Li 7. Qinghua Song	1. Cleveland Clinic Foundation 2. Purdue University 3. St. Jude Children's Research Hospital 4. Univ. of Kentucky, Dept of Statistics 5. Eli Lilly and Company 6. Duke University 7. Merck	1. Modeling Haplotype-Haplotype Interactions in Case-Control Genetic Association Studies 2. Penalized orthogonal-components regression for simultaneous genome-wide association studies 3. CHIP-motif: a robust, control-free algorithm for identification of specific protein-DNA interaction 4. Inverse Probability of Censor Weighting and Regularized Estimation in AFT models 5. Improving the Inference Efficiency for the Primary Analysis Variable using Ancillary Biomarkers 6. Adaptive design for model selection 7. Repeatability Analysis For Proteomics Data
Cherry - 2nd FI	#42. Contributed Session VIII: Bayesian Approaches	Yu Chuan Tai, UCSF 1. Mingan Yang 2. Duncan Fong 3. Atul Juneja 4. Jason Liao 5. Yu Chuan Tai	1. Marquette University 2. Penn State University 3. National Institute of Medical Statistics 4. Penn State University 5. UCSF	1. Bayesian inference on dependence in multivariate functional data 2. A Dynamic Bayesian Analysis of the Relationship Between Customer Satisfaction and Firm Shareholder Value 3. Estimation of Risk of Development of Cervical Neoplasia through Bayesian Approach 4. A new importance sampling algorithm suitable for Markov chain Monte Carlo 5. Segmentation and Estimation for SNP Microarrays: a Bayesian Multiple Change Point Approach

3:40 p.m. - Ballroom Break
4:00 p.m. - Foyer

4:00 p.m. - 5:40 p.m.	Aspen Room	#43. Statistical Challenges in Genome-wide Association Studies	Mei-Chiung Shih, Stanford University	Weiva Sieh, Stanford University	1. Dan Stram 2. Hua Tang 3. Jianxin Shi	1. University of Southern California 2. Stanford University 3. Stanford University	1. The use of multi-ethnic populations in genome wide association scans 2. Genome-wide association studies in heterogeneous populations 3. Meta-analysis of genome-wide association studies based on p-values
	Hickory/Ha withorne	#44. Statistical challenges in measurement error models	Richard Charnigo, University of Kentucky	Richard Charnigo, University of Kentucky	1. Aurore Delaigle 2. Xiaofeng Wang and Jiayang Sun	1. University of Melbourne, Australia and University of Bristol, UK 2. Cleveland Clinic and Case Western Reserve University	1. Prediction in Measurement Error Models 2. Nonparametric smoothing in presence of heteroscedastic measurement errors
	Laurel Room	#45. Bioinformatics and Data Mining	Bin Wang, University of South Alabama	Bin Wang, University of South Alabama	1. Kai Yu 2. Xiangrong Yin 3. Peng Liu 4. Bin Wang	1. NCI 2. University of Georgia 3. Eli Lilly 4. University of South Alabama	1. "Pathway analysis by adaptive combination of P-values " 2. A new sufficient dimension reduction with variable selection 3. Subsampling Principal Component Analysis and Its Applications. 4. Discussion
	Oak Room	#46. Jiann-Ping Hsu Biopharmaceuti cal & Regulatory Sciences Session	Karl E. Peace, Jiann-Ping Hsu College of Public Health	Lili Yu, Jiann- Ping Hsu College of Public Health	1. Lili Yu 2. Mark van der Laan 3. Yi Tsong 4. Student Awardee: Hong Zhu	1. Jinn-Ping Hsu College of Public Health 2. Target Analytics & UC-Berkeley 3. FDA 4. Johns Hopkins University	1. Nonparametric Quasi-likelihood for Right censored data 2. Application of Time-to-Event Methods in the Assessment of Safety in Clinical Trials 3. Non-Inferiority Clinical Trials Center for Drug Evaluation & Research 4. Analyzing bivariate survival data with interval sampling and application to cancer epidemiology
	Polar Room	#47. Predictive modeling in clinical trials	Larry Shen, Amylin	Wei Deng, Novartis	1. Haoda Fu 2. Larry Shen	1. Eli Lilly 2. Amylin	1. Integrated Two-component Prediction (ITP) Model for interim analysis and Bayesian adaptive design 2. Building treatment response prediction model using integrated clinical trial data

Cypress - 2nd FI	#48. Emerging issues in missing data analysis	You-Gan Wang, CSIRO Mathematical and Information Sciences, Australia	Lang Wu, University of British Columbia	1. Ming-Hui Chen 2. Wenqing He 3. Adam Ding	1. University of Connecticut 2. University of Western Ontario, Canada 3. Northeastern University 1. NHLBI/NIH 2. Merck Research labs 3. Oregon Health and Science University 4. Industry 5. Merck	1. Structural Equations Models with Missing Data 2. A Flexible Robust Method for Incomplete Correlated Data 3. Multiple imputation for marketing reach studies
Cherry - 2nd FI	#49. Contributed Session IX: Clinical Trials	Jin Xu, Merck	1. Minjung Kwak 2. Yang Song 3. Yiyi Chen 4. Zhaohui Wei 5. Jin Xu	1. University of Connecticut 2. Merck Research labs 3. Oregon Health and Science University 4. Industry 5. Merck	1. U-statistics endpoint evaluation in cell therapy clinical trials 2. Optimal Strategies for Developing a Late-stage Clinical Program with a Possible Subset Effect 3. The use of testing confidence value for transitional decisions for single-arm phase II oncology trials 4. Investigating the placebo effects in clinical trial with different types of efficacy assessment 5. Effects on Sample Size in Lot-Consistent Trials—Number of Antigens, Correlation, and Between-lot Variance	1. U-statistics endpoint evaluation in cell therapy clinical trials 2. Optimal Strategies for Developing a Late-stage Clinical Program with a Possible Subset Effect 3. The use of testing confidence value for transitional decisions for single-arm phase II oncology trials 4. Investigating the placebo effects in clinical trial with different types of efficacy assessment 5. Effects on Sample Size in Lot-Consistent Trials—Number of Antigens, Correlation, and Between-lot Variance
Cottonwood - 2nd FI	#50. Contributed Session X: Testing	Chin-Shang Li, University of California, Davis	1. Girish Aras 2. Xiaoqing Tang 3. James Hung Man Ngai 4. Brian Johnson 5. Qian Wu 6. Chin-Shang Li	1. Amgen 2. Department of mathematics, Shaoyang University 3. i3 statprobe 4. Boston Scientific 5. MS of Biostatistics in UCLA 6. University of California, Davis	1. A Closed Testing Procedure Based on Ordered Alternatives in Dose-Response Studies 2. Stepwise confidence interval method for Identification of the Minimum Effective Dose 3. Introduction to Miettinen and Nurminen methodology(M&N) with application to Non-Inferiority Trial 4. Design and Analysis of Stratified Binomial Endpoints with Non-inferiority Hypotheses of the Risk Difference 5. How to use floating absolute risks (FAR) to estimate the confidence interval for relative risks 6. Testing for Linearity in Partially Linear Models via Splines	1. A Closed Testing Procedure Based on Ordered Alternatives in Dose-Response Studies 2. Stepwise confidence interval method for Identification of the Minimum Effective Dose 3. Introduction to Miettinen and Nurminen methodology(M&N) with application to Non-Inferiority Trial 4. Design and Analysis of Stratified Binomial Endpoints with Non-inferiority Hypotheses of the Risk Difference 5. How to use floating absolute risks (FAR) to estimate the confidence interval for relative risks 6. Testing for Linearity in Partially Linear Models via Splines

5:45 p.m. - Ballroom ICSA Member General Business Meeting
6:30 p.m. - RMES

Symposium ICSA 2009
Banquet Applied
Evening (1 mile Statistical
Lounge walk from Symposium
Restaurant Hotel. Bus will

, 51 pick up guests
Millbrae from Hotel at
Ave., 6:30pm)
Millbrae,
CA 94030

7:00 p.m. -
10:30
p.m. Local
Chinese
Restaurant

**7:30 p.m. - Magnolia Symposium Organizing Executive Committee Office
10:15 p.m. Room**