

# Conference on Survival Analysis and Its Applications

October 16 - 18, 2008

Memorial Union

University of Missouri-Columbia

---

---

## October 15, 2008

7:00pm–10:00pm      Registration and Reception  
Location: The New Hampton Inn and Suites

---

---

## October 16, 2008      Memorial Union N103B, C

7:30am–5:20pm      Registration

8:10am–8:30am      Opening remarks

8:30am–9:30am      Plenary Session I

*Estimation of HIV Incidence Based on Cross-Sectional Prevalence Data*  
Stephen Lagakos, Harvard University

9:30am–9:50am      Coffee break

9:50am–11:50am      Invited Session I

*Inference on Association Measure for Bivariate Survival Data with Hybrid Censoring  
and Application to an HIV Study*

Ying Zhang, University of Iowa

*Semi-parametric Regression Models for Length-biased and Right-censored Failure Time Data*

Yu Shen, M. D. Anderson Cancer Center

*Analysis of Longitudinal and Failure Time Data with Missing Observations*

Dianne Finkelstein, Harvard University

11:50am–1:20pm      Lunch

12:30am–5:20pm      Poster session

---

---

---

---

**October 16, 2008** (Continued)

1:20pm–3:00pm      Contributed Session I

*A Joint Survival and Marker Model for Current Status Data*

Xin He, Ohio State University

*Predicting Credit Card Attrition Curves*

Alfred Furth, South Dakota State University

*Variable Selection for Recurrent Event Data via Nonconcave Penalized Estimating Function*

Liang Zhu, St. Jude Children Hospital

*A New Angle to Log-Rank Test*

MiOk Kim, University of Cincinnati

3:00pm–3:20pm      Coffee break

3:20pm–5:20pm      Invited Session II

*Variable Selection in Accelerated Failure Time Models with High-dimensional Data*

Jian Huang, University of Iowa

*Nonparametric Bayes Modeling of Onset and Progression from Current  
Status Data*

Lianming Wang\* and David B. Dunson, University of South Carolina

*Misclassified Current Status Data*

Nicholas Jewell, University of California at Berkeley

---

---

---

---

**October 17, 2008 Memorial Union S203**

8:30am–9:30am Plenary Session II

*Threshold Regression for Survival Analysis: Modeling Event Times by a Stochastic Process  
Reaching a Boundary*

Mei-Ling Lee, University of Maryland

9:30am–9:50am Coffee break

9:50am–11:50am Invited Session III

*Recurrent Episodes Analysis: the Length-frequency Tradeoff*

Jason Fine, University of North Carolina

*Empirical Likelihood Analysis for the Heteroscedastic Accelerated Failure Time Model*

Mai Zhou\*, M. Kim and A. Bathke, University of Kentucky

*Discretizing a Continuous Covariate in Censored Data Regression Models*

John Klein, Medical College of Wisconsin

11:50am–1:20pm Lunch

1:20pm–3:00pm Contributed Session II

*Semiparametric Analysis of Recurrent Gap Times Using the Additive Hazards Model*

DoHwan Park, University of Nevada

*Estimation of the Mean Quality-adjusted Survival Time*

Gisela Tunes da Silva\*, Antonio Carlos Pedroso de Lima and P. K. Sen,  
Medical College of Wisconsin

*Efficient Estimation for Bivariate Current Status Data with the Proportional Odds Model*

Bin Zhang, University of Missouri

*Semiparametric Analysis of Mixture Regression Models with Competing Risks Data*

Wenbin Lu, North Carolina State University

3:00pm–3:20pm Coffee break

---

---

---

---

**October 17, 2008** (Continued)

3:20pm–5:20pm      Invited Session IV

Zhiliang Ying

*A Class of Mean Residual Life Regression Models with Censored Survival Data*

Liuquan Sun and Qiang Zhao\*, Texas State University at San Marcos

*Nonparametric Inference for State Waiting Times in Multistate Models*

Somnath Datta, University of Louisville

6:00pm–9:00pm      Banquet

Location: Alumni Center

---

---

**October 18, 2008**    **Memorial Union N103B, C**

8:30am–9:30am      Plenary Session III

*Statistical Analysis of Illness Death (or Semi-competing Risks) Data*

Jack Kalbfleisch, University of Michigan

9:30am–9:50am      Coffee break

9:50am–11:50am     Invited Session V

*Estimating Incidence Rate on Incomplete Data with Application to Pediatric Cancer  
Survivor Study*

Shesh Rai, University of Louisville

*Robust Estimation of Semiparametric Regression Model with Longitudinal Data*

Yanqing Sun, The University of North Carolina at Charlotte

*Semiparametric Proportional Means Model for Marker Data Contingent on Recurrent Event*

Jianwen Cai, University of North Carolina

11:50am–12:00pm    Closing remarks

---

---