# MATHEMATICA
## Policy Research

# PRESENTATIONS

## Joint Statistical Meetings

*"The Extraordinary Power of Statistics"*

July 30-August 4, 2016 ● Chicago, IL

### Sunday, July 31

| Time | Room | Session | Presenter/Author(s) |
|------|------|---------|---------------------|
| ▶4:00−5:50 pm | CC-W176c | **Raking, Post-Stratification, and Calibration Methods** (Survey Research Methods Section) | **Nancy Clusen, Chair** |
| ▶6:00−8:00 pm | CC-Hall F1 West | **Poster Session**<br><br>**Poster Presentation:** Analysis of Longitudinal Multi-Sequence MRI in Multiple Sclerosis | Jonathan Gellar (co-author) |

### Monday, August 1

| Time | Room | Session | Presenter/Author(s) |
|------|------|---------|---------------------|
| ▶8:30−10:20 am | CC-W184d | **Statistical Methods for Spatial Epidemiology** (Section on Statistics in Epidemiology) | **Nicholas Beyler, Chair** |
| ▶2:00−3:50 pm | CC-W175a | **If You Measure, They Will Publish: State and Federal Data on Sexual Orientation and Gender Identity in Action** (Social Statistics Section) | **Diane Herz, Discussant** |
| | CC-W186a | **Regularization and Prediction in Time Series and Longitudinal Models** (Section on Statistical Learning and Data Science)<br><br>**Paper Presentation:** Longitudinal Network Prediction with Applications to Network-Based Interventions | **Ravi Goyal (presenter)** |

### Tuesday, August 2

| Time | Room | Session | Presenter/Author(s) |
|------|------|---------|---------------------|
| ▶10:30 am−12:20 pm | CC-W184d | **Nonprobability/Web Sampling and Data Analysis** (Survey Research Methods Section)<br><br>**Paper Presentation:** Exploration of Methods for Blending Unconventional Samples with Traditional Probability Samples | **Jonathan Gellar (presenter)** Hanzhi Zhou and Michael Sinclair (co-authors) |

## Tuesday, August 2 *(continued)*

| Time | Room | Session | Presenter/Author(s) |
|---|---|---|---|
| ▶ 2:00–3:50 pm | CC-W176a | **Journal Clubs as a Teaching Venue for Health Science Students** (Section on Teaching of Statistics in the Health Sciences) | |
| | | **Paper Presentation:** The Professional Melting Pot: Statisticians, Data Scientists, and Health Researchers Talk Shop to Improve Public Well-Being | **Nicholas Beyler (presenter)** Fei Xing (co-author) |
| | CC-W181b | **Methods and Measures: Including People with Disabilities in Surveys** (Committee on Statistics and Disability) | |
| | | **Paper Presentation:** When Every Dollar Counts: Comparing Reported Earnings of Social Security Disability Program Beneficiaries in Survey and Administrative Records | **Holly Matulewicz (presenter)** David Wittenburg, Lindsay Glassman, Lisa Schwartz, and Others (co-authors) |
| | | **Paper Presentation:** A Feasibility Study of Recruiting and Maintaining a Web Panel of People with Disabilities | **Jesse Chandler (presenter)** |
| | CC-W183c | **Adaptive/Innovative Survey Design and Survey Cost** (Survey Research Methods Section) | |
| | | **Paper Presentation:** Implementing Adaptive Design on a Longitudinal Survey of At-Risk Youth: Empirical Evidence Based on a Deep-Dive Analysis | **Jillian Stein (presenter)** Hanzhi Zhou (co-author) |
| | | **Paper Presentation:** Selecting a Sample from a Changing Frame | **Eric Grau (presenter)** Others (co-authors) |
| | CC-W184a | **Missing Data, Imputation, and Calibration** (Government Statistics Section) | **Donsig Jang, Chair** |

## Wednesday, August 3

| Time | Room | Session | Presenter/Author(s) |
|---|---|---|---|
| ▶ 8:30–10:20 am | CC-W194b | **Recent Advances in Functional Data Analysis** (Section on Statistical Learning and Data Science) | |
| | | **Paper Presentation:** Historical Functional Cox Regression, with an Application to Prediction of Multiple Sclerosis Lesions | Jonathan Gellar (co-author) |
| ▶ 10:30 am–12:20 pm | CC-W185bc | **Sirken Award Session** | **John Czajka, Chair** |
| ▶ 2:00–3:50 pm | CC-W190a | **Expanding Capacity for the Measurement of Sexual Orientation and Gender Identity in Federal Surveys** (Social Statistics Section) | **Diane Herz, Chair** |

## Thursday, August 4

| Time | Room | Session | Presenter/Author(s) |
|---|---|---|---|
| ▶ 10:30 am–12:20 pm | CC-W176c | **Testing for Data Quality: Challenges in Practice** (Government Statistics Section) | **Donsig Jang, Discussant** |
| | CC-W179b | **Methods for Item Missing and Unit Nonresponse** (Survey Research Methods Section) | **Barbara Carlson, Chair** |