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GSS will have an active presence at JSM 2018 in Vancouver, including a brand new short course on Hot Deck Applications, three roundtable discussions, and several sponsored sessions including the invited panels “The Commission on Evidence-Based Policy Making - One Year Later” and “The Future of Statistics and the Public”. GSS proudly sponsors the GSS/SSS/SRMS Student Paper Winners Session, and will honor several Awardees and New ASA Fellows at the GSS Business Meeting.

Join us at JSM for the

Government Statistics Section Business Meeting and Reception

Tuesday 7/31 @ 5:30 - 7:00 PM.

Room: Mackenzie I

Fairmont Waterfront Vancouver

900 Canada Place Way



GSS Continuing Education Short Course on Hot Deck Applications at JSM (CE_29C)

GSS is excited to announce this brand-new course offering at JSM 2018. Hot deck imputation is a commonly used procedure for handling missing data in which each missing value (recipient) is replaced with an observed value from a "similar" unit (donor). This missing data treatment method is frequently used in Government statistics agencies and Survey organizations, with limited use in epidemiologic/medical settings. SRMS cosponsors.

1:00-5:00 pm on July 31 with **Dr. Rebecca Andridge** (Ohio State University) and **Jenny Thompson** (U.S. Census Bureau) as instructors. This half-day course is designed for survey practitioners who are interested in "seeing the methods in action." Using examples from household and establishment surveys, the instructors will explore each step of hot deck imputation, beginning with different donor selection options through variance estimation methods. The course will cover classical hot deck methods alongside more cutting-edge approaches, including fractional hot deck imputation. The instructors will share their experiences with challenges that arise in the implementation of the hot deck, such as having fewer donors than recipients, and discuss various methods for overcoming these challenges. **Early registration ends Jun 29!** <https://ww2.amstat.org/meetings/jsm/2018/registration.cfm>

GSS sponsors three Roundtable Discussions – registration ends Jun 29!

1. Monday 12:30-1:50 *What if We Get a Break in Series? Risk Management in the Integration of Multiple Data Sources* John L. Eltinge, United States Census Bureau
2. Tuesday 12:30-1:50 *Using the R package: Recursive Partitioning for Modeling Survey Data (rpms)* Daniell Toth, Bureau of Labor Statistics
3. Wednesday 12:30-1:50 *Using Open-Source Software in Government Agencies* Wendy L Martinez, Bureau of Labor Statistics

GSS Member gives Deming Lecture

Improving the Quality and Value of Statistical Information: Fourteen Questions on Management
John T. Eltinge, US Census Bureau - Tuesday, July 31, 4:00 to 5:50pm

GSS Invited Papers and Panels

Sun, 7/29 2pm **Transparency, Reproducibility and Replicability in Work with Social and Economic Data**

Sun 7/29 4pm **The Good, the Bad, and the Ugly: The Future of Statistics and the Public** — Panel

Panelists: David Spiegelhalter, Royal Statistical Society, Guest Journalist, Fox News Channel, Dan Wagner, Civis Analytics, Richard Coffin, USAFacts, Mark Hansen, Columbia University & David and Helen Gurley Brown Institute for Media Innovation

Tues, 7/31 8:30am **The Commission on Evidence-Based Policy Making - One Year Later** — Panel

Tues, 7/31 10:30am **Will Administrative Data Save Government Surveys?** — Panel

Wed, 8/1 10:30am **The Potential for Web-Scraping in the Production of Official Statistics: An Opportunity for Statistics to Lead?**

Thu, 8/2, 8:30am **Statistical Partnerships in Excellence: Featuring Stats. Partnerships Among Academe Indust. & Govt. Committee** (SPAIG) Award Winning Collaborations

New ASA Fellows to be honored at JSM

Please join GSS in congratulating our members who are new ASA Fellows!

Michael Davern *Executive Vice President of Research, NORC*

Michael Messner *Senior Mathematical Statistician, US EPA*

Dionne Price *Director, Division of Biometrics, US FDA*

GSS Awards and Recognitions

To be presented at the GSS Business Meeting and Reception at JSM

2018 Pat Doyle Award - A tribute to Pat's dedication to the statistical field and the GSS during her lifetime. When Pat died, she left her imprints on an astonishingly wide range of projects and activities in the U.S. federal statistical community. The award is given to a person who contributes to the GSS in a way that leaves a lasting impact on GSS and ASA.

2018 Pat Doyle Awardee: **Ken Copeland**, NORC

Ken has served on the GSS and SRMS Executive Boards, contributed statistical methodology to federal statistical programs and the pharmaceutical field, taught short courses and organized sessions at JSM and ICES, and has mentored future generations of statisticians.



Wray Jackson Smith Scholarship – Created to honor a founding member of GSS and awarded jointly with SSS, this scholarship supports work toward a career in government statistics. The scholarship encourages promising young statisticians to consider a future in government statistics by providing up to \$1,000 for use in exploring any of a broad number of opportunities.

2018 Wray Jackson Smith Awardee: **Victoria Kennerley**, University of Florida

For analyzing incidence trends and relative risk of colon and rectum cancers at the county level for 612 United States counties in two different age groups using extensions of age-period-cohort analysis to assess geographic heterogeneity.



The Roger Herriot and Jeanne E Griffith Awards will also be presented at JSM.

GSS Student Paper Award Winners

Best Student Papers Awarded by the ASA Consortium of GSS/SSS/SRMS

Topic Contributed Papers Survey Research Methods Section, Government Statistics Section, Social Statistics Section. Mon, 7/30 2:00 - 3:50pm. CC-West 115

A Classical Regression Framework for Mediation Analysis with Applications to Behavioral Science — **Christina Saunders**

Stochastic Interventions on Continuous Instruments: Estimating the Effects of Visitation on Recidivism — **Jacqueline A Mauro, Carnegie Mellon University**; Edward Kennedy, Carnegie Mellon University; Daniel Nagin, CMU

Practical Bayesian Inference for Record Linkage — **Brendan McVeigh, Carnegie Mellon University**; Jared S Murray, University of Texas at Austin

Constructing Independent Evidence from Regression and Instrumental Variables with an Application to the Effect of Violent Conflict on Altruism and Risk Preference — **Bikram Karmakar, University of Pennsylvania**; Dylan Small, University of Pennsylvania

Bayesian Model-Assisted Estimation for Functional Data in Survey Sampling — **Luis Fernando Campos, Harvard University**

Winners will be highlighted during the SRMS, GSS, and SSS Business Meetings at JSM.

GSS Spring 2018 Conference Recap

FCSM/WSS 3rd Workshop on Data Quality, February

The transparent reporting of the quality of data produced through the integration of multiple data sources with focus on issues related to data output. The main topics covered included: break in series, combining data from disparate sources, and frameworks for assessing data quality.

The **FCSM Research and Policy Conference** in March featured two plenary sessions and 50 program sessions on leading-edge methodological topics, as well as, emerging policy issues. This conference provided an excellent forum to bring together federal and non-federal researchers and policy makers. FCSM featured **Keynote Speaker** - Sharon Lohr, Professor Emerita at Arizona State University, "*Combining Data and Crime*". A **Keynote Panel** on "*Initiatives to Modernize the*

Federal Statistical System” with **Moderator:** Nancy Potok, (Chief Statistician of the United States) featured **Panelists** Mary Bohman (Economic Research Service), Jeri Mulrow (Bureau of Justice Statistics), Sally Thompson (Bureau of Economic Analysis), William Wiatrowski (Bureau of Labor Statistics)

Adaptive Survey Design Workshop, March The full-day survey methodology workshop featured leading researchers of responsive and adaptive design across the Atlantic. The GSS co-sponsored this one-day workshop organized by the Journal of Official Statistics (JOS) and DC-AAPOR featuring presentations from the September 2017 JOS Special issue on Adaptive Design.

The 2nd **Seasonal Adjustment Practitioners Workshop**, jointly sponsored by the Government Statistics Section (GSS), Business and Economic Statistics Section (B&E), and the Washington Statistical Society chapter (WSS), was held on April 26 at the Bureau of Labor Statistics with over 65 people in attendance. This one-day workshop emphasized practical problem- solving in seasonal adjustment and related time series methods.

Dr. Ataman Ozyildirim of The Conference Board gave the keynote address. His presentation, “To Adjust or Not to Adjust: A Users’ Perspective on Analysis of Economic Trends with Seasonal Data,” covered the benefits and limitations of seasonal adjustment in identifying and forecasting economic activity..

Planning is underway for a third workshop in late 2019. To be involved in planning and organizing, contact the team at esmd.seasonal.workshop@census.gov

GSS 2018 Officers and Election Results

Past GSS Chair Wendy Martinez Elected ASA President, 2020

Wendy has worked within GSS, WSS and SRMS for several years, serving as GSS Chair and now the COPAFS Representative for GSS. Wendy currently serves as the Chair of the GSS Fellow Committee. Congratulations, Wendy!



GSS Officers Elected in 2018

Chair-Elect 2019 – Katherine (Jenny) Thompson, US Census

Program Chair-Elect 2019 – Michael Yang, NORC

Publications Officer 2019-2020 – Jenny Guarino, DOT

Secretary/Treasurer 2019-2020 – Tara Murphy, NASS

Council of Sections Representative 2019-2021 – Jennifer Parker, NCSH

GSS 2018 Officers

Chair 2018	Seastrom, Marilyn M. NCES, U.S. Department of Education
Chair-Elect 2018	Mannshardt, Elizabeth U.S. Environmental Protection Agency
Secretary / Treasurer 2017 - 2018	Miller, Darcy A. National Agricultural Statistics Service
Program Chair 2018	Walejko, Gina K. U.S. Census Bureau
Program Chair-Elect 2018	Gonzalez, Jeffrey M. U.S. Bureau of Labor Statistics
Publications Officer 2017 - 2018	Guarino, Jenny U.S. Dept. of Transportation
GSS COS Representative 2016 - 2018	Thompson, Katherine J. U.S. Census Bureau
COPAFS Representative 2018 - 2019	Davern, Michael E. NORC
COPAFS Representative 2017 - 2018	Martinez, Wendy L. Bureau of Labor Statistics

Data Expo 2018 is posted!

This year's theme is Weather Forecasting

One common usage of using models to predict/forecast an outcome is weather. We see the weather forecasts every day and use them in planning. These forecasts are also an example of where close is good enough, if the forecasted high temperature for a day is a couple of degrees different from the actual high temperature then it will usually not make much of a difference in whether we chose to wear a coat, jacket, or neither. But if the forecast had been off by 20 degrees, then it would have made a huge difference. But how accurate are these forecasts? While they are freely available in multiple formats, they are not archived as a general rule for easy comparison to actual results. This data challenge looks at that question along with other related questions. The main data set is the result of storing the forecasts for approximately 3 years in order to evaluate how forecasts change as the forecasted date gets closer and how they compare to actual results.

<http://community.amstat.org/stat-computing/data-expo/data-expo-2018>