

Inside this Newsletter

Message from the Section Chair	1-2
Report from the Treasurer.....	3-4
JSM 2018 SRMS Student Travel Awards.....	4
JSM 2018 SRMS Student Paper Awards	5
JSM 2018 Update.....	6-7
JSM 2018: SRMS/GSS Short Course	7
Your SRMS Officers.....	8
SRMS Mission Statement	9

Message from the Section Chair

Karol Krotki



First, let me thank board members and leaders of SRMS who are finishing their roles at the end of 2018: Elaine Zanutto (Past Chair), Stas Kolenikov (Program Chair), and Tony An (Publications). Thank you very much for your service to the Section.

At the same time, we would like to extend a warm welcome to incoming officers: Ken Copeland (Chair 2019), Morgan Earp (Chair-Elect 2019), Yang Cheng (Program Chair-Elect 2019), Darcy Morris (Treasurer 2019-20), James Wagner (Education Officer 2019-20), Stephen Pedlow (Publications Officer 2019-2020), and Julia Soualakova (SRMS Council of Sections Representative 2019-2021). Stephen and Julia are current officers and were elected to stay on – Stephen in a different role and Julia in the same one. Thanks to both for their continued service.

A huge thanks to all who ran for election, which is a critical part of our organization and requires members who are willing to run for office.

Finally, heartfelt thanks to current office-holders who have agreed to continue serving for next year: Pushpal Mukophadhyay (Website), Dan Liao, and Elizabeth Petraglia (Newsletter Editors).

The most significant upcoming event in 2018 is the Joint Statistical Meetings in Vancouver. SRMS is sponsoring invited, topic, and contributed technical sessions, roundtable discussions, a continuing education course, and poster and speed sessions. SRMS gives student paper and travel awards, in addition to awards for best poster and speed session presentation.

We hope to see you at the SRMS Business Meeting and Mixer on Wednesday August 1, 6-8 p.m. (Hotel Fairmount/Malaspina). There will be news of SRMS, award announcements, refreshments (cash bar and some free appetizers), and opportunities for socializing and networking. Thanks to those who have helped organize SRMS activities for JSM 2018, especially Stas Kolenikov (Program Chair), Asaph Young Chun (Program Chair-elect), and Rebecca Andridge (Education Officer). Thanks also to volunteer judges for poster and speed sessions and to session chairs. I think the meeting in Vancouver should be a real success for SRMS.

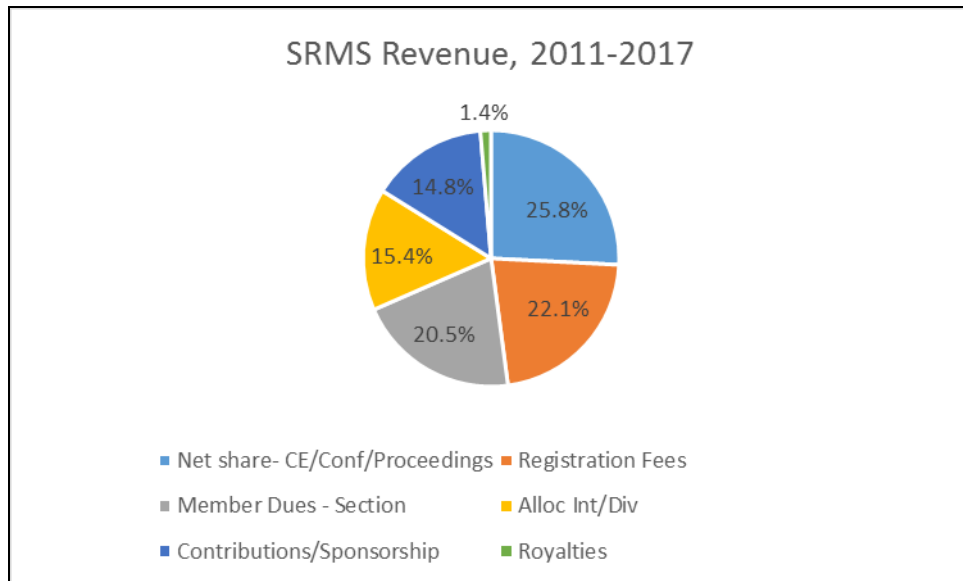
I hope to see you at JSM 2018 and to have you involved in SRMS activities throughout the remainder of 2018 and beyond!

Report from the Treasurer

Steven Pedlow



There are currently 1,357 members of the Survey Research Methods Section. The current dues for members is \$8, \$3 of which goes towards the Journal of Survey Statistics and Methodology, provided to all Section members through the dues. This is not the only source of revenue for the Section, which also receives sponsorships/contributions, conference and courses registration fees, profits from conferences SRMS supports, as well as interest on our bank balance. Over the past seven years (2011-2017), the annual revenue for the Section has averaged around \$17,000, but with a standard deviation of \$14,000 due to the irregularity of SRMS-sponsored conferences. Below is a pie chart that shows the distribution of Section revenue over the last seven years (2011-2017):



The largest revenue category for the Section is in the profits from continuing education courses, sponsored conferences, and proceedings. The Section can lose money on these endeavors as well, but the most profitable sub-category has been sponsoring conferences such as the Hard-to-Reach (H2R) and the

Fourth International Conference on Establishment Surveys (ICES-IV), which were both in 2012 and were both very profitable for the SRMS. The second largest revenue category for the Section is in registration fees from courses and conferences sponsored by SRMS. Member dues make up the third largest revenue category for SRMS, while interest on our balance is the fourth largest revenue category for SRMS. Like many good non-profits, the goal for SRMS is to have a bank balance equal to two or three years of expenses, but conference profits have resulted in larger balances in the past. The fifth largest revenue category for the Section is contributions and sponsorships from companies. Last year, MSG sponsored SRMS poster awards, RTI sponsored SRMS speed session awards, and Westat sponsored student travel awards.

These five categories account for almost all of the SRMS revenue over the past seven years. A sixth category of royalties makes up only 1.4 percent of our revenues, mostly because we have no royalty arrangements within the last seven years. Over the last seven years, the SRMS Board has been spending down our balance, which is currently just under \$42,000, which is in the sweet spot between two and three years of expenses.

JSM 2018 SRMS Student Travel Awards

Steven Pedlow

Each year SRMS makes awards to students to cover part of the costs of attending JSM. This year there were four recipients. The process is competitive. Each student must submit a short essay, a letter of recommendation from a faculty member, and college transcripts. A panel appointed by the SRMS Executive Committee selects the recipients based on the submitted materials. This year the panel consisted of Safaa Amer (SRMS Secretary), Rebecca Andridge (SRMS Education Officer), and myself.

The recipients of the 2018 JSM Student Travel Awards are:

- Jonathan Mendelson, JPSM at the University of Maryland
- Felicitas Mittereder, ISR at the University of Michigan
- Giovanni Nattino, The Ohio State University, and
- Crystal Shaw, UCLA Biostatistics

These students received \$825 each, which includes \$800 for travel expenses at JSM in Vancouver, as well as their student membership in ASA (student membership in SRMS is free).

The 2019 JSM will be in Denver, Colorado from July 27 - August 1, 2019. Award applications for the 2019 SRMS Student Travel Awards will be due December 15, 2018.

JSM 2018 SRMS Student Paper Awards

Steven Pedlow

The JSM Student Paper Awards are a joint effort of the Government Statistics Section (GSS), the Social Statistics Section (SSS), and the Survey Research Methods Section (SRMS). The students submit papers and the five that are judged the best have the opportunity to present them at a special contributed paper session at JSM as well as receive \$1,100 each (this amount was raised for 2018 since JSM is in Vancouver, Canada). This year the session is **Session 235, Monday, July 30, 2:00 PM-3:50 PM**, “Best Student Papers Awarded by the ASA Consortium of GSS/SSS/SRMS.”

The 2018 awardees are shown in **bold** below. The papers were judged by an awards committee consisting of the Program Chairs-Elect of each of the three sections. These are Jeffrey M. Gonzalez (U.S. Bureau of Labor Statistics) for GSS, Stephanie Ewert Galvin (Census Bureau) for SSS, and Asaph Young Chun (Census Bureau) for SRMS.

We congratulate the awardees and commend all the entrants for their high quality work. We thank the awards committee for making this program a success.

Best Student Papers Awarded by the ASA Consortium of GSS/SSS/SRMS — Topic Contributed Papers (CC-West 115)

Survey Research Methods Section, Government Statistics Section, Social Statistics Section

Organizer(s): Asaph Young Chun, US Census Bureau

Chair(s): Stephanie Ewert Galvin, US Census Bureau

2:05 PM A Classical Regression Framework for Mediation Analysis with Applications to Behavioral Science — **Christina Saunders**

2:25 PM 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, Carnegie Mellon University

2:45 PM Practical Bayesian Inference for Record Linkage — **Brendan McVeigh, Carnegie Mellon University**; Jared S Murray, University of Texas at Austin

3:05 PM 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

3:25 PM Bayesian Model-Assisted Estimation for Functional Data in Survey Sampling — **Luis Fernando Campos, Harvard University**

3:45 PM **Floor Discussion**

JSM 2018 Update

Stas Kolenikov



As always, a rich and an exciting program awaits at the JSM! SRMS is sponsoring 4 invited sessions, 11 topic-contributed sessions, 10 regular contributed sessions, a poster session, and 3 pairs of SPEED sessions, as well as co-sponsoring another 16 invited sessions and 12 topic-contributed sessions together with other sections and ASA committees. Our main invited sessions are:

1. Statistical Analysis of Linked Data on **Sunday, 7/29/2018, 4:00 PM - 5:50 PM** organized by Ying Han and Partha Lahiri (JPSM);
2. Administrative Records for Survey Methodology and Evidence Building on **Monday, 7/30/2018, 10:30 AM - 12:20 PM**, organized by Asaph Young Chen (U.S. Census Bureau);
3. Improving Survey Data Quality with Machine Learning Techniques on Tuesday, **7/31/2018, 2:00 PM - 3:50 PM**, organized by Stephanie Eckman (RTI);
4. Inference with clustered data: lessons from multiple disciplines on Wednesday, **8/1/2018, 8:30 AM - 10:20 AM**, organized by Stas Kolenikov (Abt Associates)

The fastest way to learn a lot of new stuff is through the SPEED sessions (a set of 20 five-minute oral presentations followed up by electronic posters, where the attendees can interact with the speakers and ask for all the gory details). The missing data SPEED session is going to have the short oral presentations on Monday, 7/30/2018, 2:00 - 3:50 PM, followed up by electronic posters on Tuesday 7/31/2018, 9:25 AM - 10:10 AM. The SPEED session on innovations in survey sampling designs: administrative data, record linkage, non-probability samples is going to have the short oral presentations on Tuesday, 7/31/2018, 8:30 AM - 10:20 AM, immediately followed up by electronic posters 10:30 AM - 11:15 AM. The SPEED session on modeling with survey data, including small area estimation, propensity scores, multilevel models, and more, is going to have the short oral presentations on Tuesday, 7/31/2018, 10:30 AM - 12:20 PM, followed up by the electronic posters in the afternoon, 2:00 PM - 2:45 PM.

The section is sponsoring a short course (an added fee event) taught by Rebecca Andridge (Ohio State University) on hot deck imputation to be offered on Tuesday, 7/31/2018, 1:00 PM - 5:00 PM. (More details on this course in the following article.) We will also have two lunch roundtable discussions (also an added fee event): on adaptive designs, organized by Michael Yang (NORC) on Tuesday 7/31/2018,

12:30 PM - 1:15 PM, and on non-probability sampling, organized by Karol Krotki (RTI) on Wednesday 8/1/2018, 12:30 PM - 1:15 PM.

I would also like to draw your attention to a couple of special sessions: the topic-contributed session of the best student papers from the joint SRMS/GSS/SSS competition (Monday, 7/30/2018, 2:00 PM - 3:50 PM -- please come and support our next generation of survey researchers!), and a memorial session for Alastair Scott, a prominent survey statistician (Thursday, 8/2/2018, 8:30 AM - 10:20 AM).

Finally, everybody is welcome to attend the SRMS business meeting 6-8pm on Wednesday, 8/1/2018 at Fairmont-Malaspina room.

Please browse the online program to find our sessions. (Hint: you can create your own program by clicking "Add to My Program" button; the program is linked to your email on amstat.org side, although without any password protection; after you have built your program, you can either connect to it through the conference app, or download the program as an Excel file, and import it to an Outlook calendar.)

See you in Vancouver!

JSM 2018: SRMS/GSS Short Course

Rebecca Andridge

SRMS is co-sponsoring a short course with the Government Statistics Section (GSS) entitled "Applications of Hot Deck Imputation to Survey Data" on July 31, 2018, with Dr. Rebecca Andridge (Ohio State University) and Jenny Thompson (U.S. Census Bureau) as instructors. 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 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. More information on this class can be found at <http://ww2.amstat.org/meetings/jsm/2018/program.cfm>.

Your SRMS Officers

Chair: Karol Krotki

Chair-Elect: Kennon Copeland

Past-Chair: Elaine Zanutto

Treasurer: Steven Pedlow

Secretary: Safaa Amer

2018 JSM Program Chair: Stas Kolenikov

2018 JSM Program Chair-Elect: Asaph Young Chun

Publications Officer: Tony An

Education Officer: Rebecca Andridge

Section Representatives: Julia Soulakova, Jamie Ridenhour

ASA Staff Liaison: Rick Peterson

More information can be found at

<http://ww2.amstat.org/sections/officers.cfm?txtComm=SSRMS>.

Newsletter Editors: Dan Liao and Elizabeth Petraglia



SRMS Mission Statement

SRMS has about 1,400 members, of which over 100 are based outside of North America, and is one of the largest ASA Sections. The SRMS mission is to promote the improvement of survey practice and the understanding of survey methods by encouraging both theoretical and applied research on survey-related topics, and by disseminating information on survey methods.

Areas of interest for the Section include all that employ survey methodology as a focus or as a prime tool of investigation. Of special interest are:

- ❖ Theoretical foundations of sampling;
- ❖ Sample design and estimation;
- ❖ Nonsampling errors and data collection methods;
- ❖ Analysis and presentation of survey data;
- ❖ Education of the public and students on the importance of scientific survey research;
- ❖ Publication and dissemination of survey research findings; and
- ❖ Ethics related to survey conduct and standards for survey practice.

Not a member yet? Here is how you can join:

- If you are not an ASA member, go to the membership page of the ASA and fill the application at www.amstat.org/membership/index.cfm?fuseaction=becomeamember. Then sign up for the SRMS section as part of your membership.
- If you are already an ASA member, just call customer service at 1-888-231-3473 to add SRMS membership.

The SRMS has produced material and resources that are available on our website including:

- ❖ The “What is a Survey?” series for non-specialists, free of charge
- ❖ The SRMSNET Mailing List
- ❖ List of other related associations
- ❖ Survey Analysis Software (under *Links and Resources*)
- ❖ Universities and Laboratories
- ❖ ...and much more.

For more information, including links to specific officers, check out the SRMS website at: ww2.amstat.org/sections/SRMS/index.html or there is also a link from the ASA website at www.amstat.org.