Message from the Section Chair

Jean Opsomer

2022 might actually be the year in which JSM happens in person again! I am writing this in mid-June and so far, it looks like the threat of COVID has sufficiently abated in the U.S. to permit large in-person events. We will hold our traditional JSM Business Meeting on Wednesday, August 10, 5:00 to 6:30pm, and I hope to meet many of you there. There will be news of SRMS, award announcements, refreshments (cash bar and some free appetizers), and opportunities for socializing and networking. Mask-wearing at our Business Meeting will be encouraged but not required.
This is an exciting time to work in survey statistics, with both long-term (response rates!) and short-term (COVID!) challenges requiring continued creative thinking in our profession. The JSM, with an active scientific program of SRMS-relevant presentations and with numerous venues to interact with colleagues, is a great opportunity to share ideas and foster new thinking. Further in this newsletter, Program Chair Jana Asher gives an overview of the sessions sponsored by SRMS this year.

SRMS regularly supports conferences of interest to our members, even when they are not organized by the ASA. One such example is BigSurv (https://www.bigsurv.org), which we supported in its two previous iterations in 2018 and 2020. We recently agreed to support BigSurv 2023, which will be held in Quito, Ecuador in October next year. More information on this conference will be provided as it becomes available.

I congratulate the newly elected SRMS officers, whose terms will start in 2023: Don Jang (Chair-Elect), Pushpal Mukhopadhyay (Program Chair-Elect), Rebecca Andridge (Treasurer), Hanyu Sun (Publication Officer) and Julia Soulakova (Education Officer). We look forward to working with you. I thank everyone who agreed to run for election, your willingness to volunteer for becoming an SRMS officer is a key reason why our section continues to thrive.

Finally, I want to thank our outgoing elected officers: Tony An (Past Chair), Jana Asher (Program Chair), Jessica Kohlschmidt (Treasurer), Dan Liao (Publications Officer) and Daniell Toth (Education Officer). An especially big THANK YOU to Elizabeth Petraglia, who has served as Newsletter Co-Editor since 2017 and is stepping down at the end of this year.

See you at the JSM!
Thank you to all our members for your support! Membership dues are still $8 a year and free for students – ASA members can also try sections out for free for a year.

Our finances for last year and this coming year are different from other years because of JSM being held virtually. This year we plan to have an in-person reception at JSM.

Some highlights of this past year (January 2022 – May 2022) include:

- Income (~$3,700):
  - membership dues (~$2,200), and
  - webinar registration (~$1,400).

- Expenses (~$8,800):
  - JSM 2020 Student Awards (~$2,800), and
  - Big Surv Sponsorship (~$6,000)

Our expenses have varied: the largest expenses have been awards (JSM paper awards) and contributions to other organizations (e.g. funding of conferences of interest to section members).

Our account balance (~$38,000 as of May 31, 2022) is almost three times what our expenses were last year. Finances in the past year keep SRMS on target to maintain this account balance in the short term, but we need to pursue additional revenue opportunities or reduction in expenses in the long term. The SRMS Executive Committee is currently working to offer more webinars and continues to invest in conferences in an effort to maintain these important sources of income. We are always looking for sponsorship and educational opportunities to benefit our members! Let us know if you have any ideas.

Check out all our member benefits here. Did you know that our members can access the SRMS proceedings from past JSMs (1958-2020) as well as the ICES proceedings? Check it out!

Thanks for your membership in SRMS and for paying your dues!
Report from the Publications Officer

Dan Liao

The Survey Research Methods Section Proceedings from the 2021 Joint Statistical Meetings are now available at http://www.asasrms.org/Proceedings/index.html. At the bottom of the 2021 screen, you can also find papers from the American Association for Public Opinion Research (AAPOR) 2021 Virtual Conference in May 2021.

Our section provides free access to the Proceedings for the entire history of the Survey Research Methods Section (1978-2021), as well as the Proceedings from the Social Statistics Section (from which our section separated in 1978) from 1958-1977; from all five International Conference on Establishment Surveys (ICES) meetings (1993-2016); and from the 2012 Hard to Reach (H2R) Conference. Please note that some of these years are prior to the electronic proceedings available through ASA (2009-today); the section has scanned all earlier papers as a service to survey researchers. To access the proceedings page, you can simply click on “Proceedings” on the top of our section’s new homepage (https://community.amstat.org/surveyresearchmethodsssection/home), or proceed directly to http://www.asasrms.org/Proceedings/index.html.

The section is on Twitter with the handle @srmsasa (https://twitter.com/srmsasa). We now have over 700 followers. Follow us and send us your news to share with the SRMS membership and survey researchers everywhere.

Besides these SRMS Newsletters in July and January, look for section news in Amstat News Section News articles and on Twitter. Contact us if you have ideas or information to share through these venues. If you attend the JSM 2022 on August 6-11, 2022, please make plans to attend our SRMS Business Meeting on Wednesday, August 10 at 5:00pm Eastern.
Congratulations to the JSM 2022 SRMS Student Travel Award Winner

Jessica Kohlschmidt

Each year SRMS gives awards to students to cover part of the costs of attending JSM. For JSM 2022, we have one Travel Award winner. Each applicant for this award submitted a short essay, a letter of recommendation from a faculty member, and college transcripts. A panel appointed by the SRMS Executive Committee selected the awardee based on the submitted materials. The 2022 panel consisted of Jean Opsomer (SRMS Chair), Qixuan Chen (SRMS Secretary), and myself.

The recipient of the JSM 2022 SRMS Student Travel Award is Yanghyeon Cho, Iowa State University, Department of Statistics.

SRMS is committed to providing a financial award to allow deserving students to travel to the JSM. Congratulations to Yanghyeon and thanks to all students who applied! We look forward to awarding student travel funding for the 2023 JSM in Toronto (August 5 - August 10, 2023). Applications for the JSM 2023 SRMS Student Travel Awards will be posted in October 2022 and are due in December 2022.

Congratulations to the JSM 2022 GSS/SRMS/SSS Student Paper Award Winners

Andreea Erciulescu

Every year, the ASA Consortium of Sections GSS/SRMS/SSS offers five awards to students and recent graduates for their papers on new statistical methodology or creative applications of statistical analyses to problems, issues, or policy questions pertinent to the subject areas of one of the sponsoring sections. A subsidy of up to $1,000 is provided to each winner to cover expenses to the ASA’s Joint Statistical Meetings, where the winners will present their papers at a topic-contributed session.

On behalf of the 2022 ASA GSS/SRMS/SSS Student Paper Competition committee, I am pleased to announce the winners of this year’s competition:

- Olivier Binette, Duke University
- Peter Gao, University of Washington
- Dae-Gyu Jang, Iowa State University
- Tamy Harumy Moraes Tsujimoto, University of North Carolina at Chapel Hill
- Yibo Wang, University of Michigan
Congratulations to the winners! This year, the winning applications were among a large number of strong applications and it was a close decision.

Olivier Binette is a PhD candidate in the Department of Statistical Science at Duke University. His winning paper is titled “On the reliability of Multiple Systems Estimation for the Quantification of Modern Slavery.” In view of modern slavery studies, he provides a thorough review and evaluation of multiple systems estimation methodology and contributes to the open-source software repository of the field.

Peter Gao is a graduate student in the Department of Statistics at the University of Washington. His paper is titled “Smoothed Model-Assisted Small Area Estimation.” He develops a small area estimation estimator that leverages auxiliary information and spatial smoothing while remaining optimal in a design-based sense, sparking a dialogue between survey statisticians and machine learning experts.

Dae-Gyu Jang is a PhD candidate in the Department of Statistics at Iowa State University. His paper is titled “A-Optimal Split Questionnaire Designs for Multivariate Continuous Variables.” He introduces methodology to find an optimal split questionnaire design, applying probabilistic design and optimality criterion.

Tammy Harumy Moraes Tsujimoto is a PhD student in the Department of Biostatistics at the University of North Carolina at Chapel Hill. Her paper is titled “Receiver Operating Characteristic (ROC) curve for complex survey data.” She proposes a nonparametric estimator for the ROC curve that accounts for complex survey sampling.

Yibo Wang is a PhD student in the Department of Biostatistics at University of Michigan. Her paper is titled “Sample Size Estimation in Respondent-Driven Sampling.” She studies the sample size distribution in the respondent-driven sampling (RDS) setting, proposes an approximation algorithm for sample size estimation, and provides theoretical instructions on drafting sampling designs for the sake of reaching the desired sample size.

All of GSS, SRMS, and SSS congratulate Olivier, Peter, Dae-Gyu, Tammy, and Yibo on their hard work and dedication to the profession. We look forward to meeting them at JSM 2022 and invite you all to attend the JSM 2022 topic-contributed session “2022 GSS/SRMS/SSS Student Paper Competition Award Winners,” at which they will deliver their presentations of the winning papers.
Session 469- 2022 GSS/SRMS/SSS Student Paper Competition Award Winners—Topic Contributed Papers

Wed, 8/10/2022, 2:00-3:50 PM (CC-143A)

Organizer: Andreea Luisa Erciulescu, Westat
Chair: Megan Price, HRDAG

2:05 PM  
A-Optimal Split Questionnaire Designs for Multivariate Continuous Variables  
Dae-Gyu Jang, Iowa State University; Zhengyuan Zhu, Iowa State University; Cindy Yu, Iowa State University

2:25 PM  
Sample Size Estimation in Respondent-Driven Sampling  
Yibo Wang, University of Michigan; Michael Elliott, University of Michigan; Sunghee Lee, University of Michigan, Institute for Social Research

2:45 PM  
Receiver Operating Characteristic Curve for Complex Survey Data  
Tamy Harumy Moroes Tsujimoto, University of North Carolina at Chapel Hill; Jianwen Cai, University of North Carolina at Chapel Hill

3:05 PM  
On the Reliability of Multiple Systems Estimation for the Quantification of Modern Slavery  
Olivier Binette, Duke University; Rebecca Steorts, Duke University

3:25 PM  
Smoothed Model-Assisted Small Area Estimation  
Peter A. Gao, University of Washington; Jon Wakefield, University of Washington

3:45 PM  
Floor discussion

Stay tuned for the 2023 ASA GSS/SRMS/SSS student paper competition announcement to be published on the SRMS webpage in the fall of 2022!

Congratulations to the 2022 winners, best wishes in their academic endeavors to the 2022 applicants, and good luck to future applicants!
Greetings Survey Research Methods Section! Our first live Joint Statistical Meetings in three long years is just around the corner, and there is something of interest to everyone in our section during nearly every session time slot! I hope I will see you (and greet you in person) there!

On Sunday August 7th, we start at 2pm with a topic contributed session on **2020 Census Post-Enumeration Survey Estimation Methods** organized by Timothy Kennel of the U.S. Census Bureau. COVID-19 will be one of the challenges discussed! At 4pm, there are two sessions sponsored by SRMS: a topic contributed panel organized by Jasmin Divers of the NYU Long Island School of Medicine, titled **Population Inference with Electronic Health Records (EHRs) Data: Addressing Selection and Representativeness Bias**, and a contributed session on the intersection of COVID-19 and Survey Research Methods.

First thing Monday Morning, on August 8th at 8:30am, SRMS has a topic contributed paper session on **Advances in Statistical Methods and Models for Real Time Surveys** organized by Katherine Irimata of the National Center for Health Statistics. Another SRMS topic contributed paper session begins at 10:30am: **Improving Population Inference Using Statistical Data Integration**, organized by Lingxiao Wang of the National Cancer Institute. To keep talking about data integration, join us for lunch at 12:30pm, when Rebecca Steorts of Duke will lead a discussion titled **Record Linkage: The Good, the Bad, and the Ugly**, or meet up with Jean Opsomer of Westat to discuss **Surveys and Data Science: Oil and Water, or a Delicious Cocktail?** Make sure you are filled up with ideas and not too much food so you don’t sleep through SRMS’s first invited session for JSM 2022, at 2pm, titled **Thinking Outside the Box: Innovative Methods for Estimation and Inference for Surveys — Invited Papers**, organized by the incomparable Jean Opsomer of Westat. Also, at 2pm, there will be a SRMS contributed paper session on **Survey Mode Research**.

Hopefully, you get lots of sleep Monday night, because at 7am Tuesday August 9th SRMS is sponsoring a roundtable breakfast on **Disclosure Limitation for Surveys**, led by Rolando Andres Rodriguez of the U.S. Census Bureau. Directly after you finish breakfast, at 8:30am, there will be a contributed paper session on **Weighting and Variance Estimation in Complex Samples**. At 10:30am, SRMS’s topic contributed paper session on **Alignment, Accuracy, Precision: Comparing and Combining Data from Multiple Sources**, organized by Stephanie Coffey of the U.S. Census Bureau, will continue our data integration themed presentations. For those that prefer a different topic, there is also a SRMS contributed session at 10:30am titled **Small Area Estimation and Survey Methods Sampler**. Then, for lunch, why not join our roundtable
discussion on **Combining Information from Multiple Surveys and Other Sources of Information in Small Area Estimation**, led by **Carolina Franco of NORC at the University of Chicago**. SRMS’s second invited session for JSM 2022 will occur at 2pm on Tuesday, August 9th and is titled **Does Missing Data Affect Outcomes Examined Using Nationally Representative Survey Databases – a Comparison of Traditional and Data Science Approaches?** This session is organized by **Parul Agarwal of the Icahn School of Medicine at Mount Sinai**.

Wednesday morning, on August 10th at 8:30am, don’t miss SRMS’s lone invited panel for JSM 2022. Led and organized by **Jeri Metzger Mulrow of Westat**, the panel will discuss **Record Linkage -- Statistical Innovations to Advance Official Statistics**. It will be immediately followed at 10:30am by a topic contributed session on **Recent Advances in Statistical Modeling and Machine Learning for Official Statistics and Survey Methodology**, organized by **Scott H. Holan of the University of Missouri and the U.S. Census Bureau**. Also, at 10:30am, there is a SRMS contributed paper session on **Record Linkage and Auxiliary Data Sources**. If that isn’t enough SRMS for you, there is also a contributed poster session at the same time! For lunch at 12:30pm, why not join us for one of our roundtable discussions: either **Disclosure Limitation for Surveys** led by **John M. Abowd of the U.S. Census Bureau** or **Estimation Methods for Combining Probability and Nonprobability Samples** led by **Michael Yang of**. In the afternoon you won’t want to miss the joint **2022 GSS/SRMS/SSS Student Paper Competition Award Winners** topic contributed session at 2pm, but survey quality aficionados can choose to attend the **SRMS Quality of Survey Responses** contributed papers session instead!

Thursday August 11th is the last day of JSM 2022, but SRMS isn’t slowing down! At 8:30am, SRMS is sponsoring the **How Can Data Science Improve Surveys?** topic contributed paper session organized by **Tom Krenzke of Westat** and the **Trends in Sample Design** contributed paper session as well. Don’t leave early, because SRMS’s last invited session of the year, organized by **Stas Kolenikov of NORC at the University of Chicago**, is at 10:30am and is titled **Transitions from Telephone Surveys to Self-Administered and Mixed-Mode Surveys**. Also, at 10:30am, is the topic contributed session **Integration of Design and Estimation Approaches in the Use of Auxiliary Data with Sample Surveys**, organized by **John L. Eltinge of the U.S. Census Bureau**.

As you can see, there is enough being offered by SRMS to keep you busy all JSM long. See you there!
2022 SRMS ASA Fellows

SRMS Fellows Committee

Congratulations to SRMS members **Brady West, Jose Zubizarreta, Kelly McConville**, and **Megan Price** for being named 2022 ASA Fellows! The full list of all new fellows is available at [https://ww2.amstat.org/fellows](https://ww2.amstat.org/fellows) (sort by Year Elected).

SRMS has established the SRMS Fellows Nomination Committee with the role of helping to facilitate the ASA Fellow nomination process by identifying worthy SRMS candidates and finding people to spearhead their nomination. The committee members are Don Jang (NORC), Mary Mulry (Census Bureau), and Kristen Olson (University of Nebraska - Lincoln). Please feel free to contact any committee member if you wish to nominate an SRMS colleague for ASA Fellow.

A New Research Network for Advancing Methodology in Longitudinal Studies of Aging

Brady West

SRMS members Sunghee Lee and Brady West were recently awarded a five-year R24 grant from NIH-NIA to establish an international network of researchers interested in developing and advancing methodological research in longitudinal studies of aging (such as the Health and Retirement Study). This might appeal to many SRMS members who are currently working on such methodology. This new network will be known as the Network for Innovative Methods in Longitudinal Aging Studies (NIMLAS), and a website is forthcoming.

Any SRMS members who would be interested in joining NIMLAS can fill out [this application form](#).

After your information is received, you will receive further details from Brady and Sunghee about upcoming network activities and opportunities to become involved. If you have any questions about this, please email [nimlas-inquiry@umich.edu](mailto:nimlas-inquiry@umich.edu).
Announcements: JSM Proceedings and Newsletter Editor

Two announcements from SRMS:

2021 proceedings of the Joint Statistical Meetings for the Survey Research Methods Section are now available from the SRMS proceedings page. The following papers are included in the online proceedings of the Survey Research Methods Section:

- Papers presented at the Joint Statistical Meetings that are sponsored by the Survey Research Methods Section
- Papers presented at the AAPOR annual conference

For more information about how to include your JSM or AAPOR paper in the JSM proceedings, see the JSM submission page.

Elizabeth Petraglia is stepping down after five years of service as SRMS Newsletter co-editor. We are seeking a new co-editor to work with Darcy Steeg Morris on producing the bi-annual SRMS Newsletter. If interested, please contact Jean Opsomer, SRMS chair (JeanOpsomer@westat.com).
SRMS Newsletter Submission Guidelines

Elizabeth Petraglia and Darcy Steeg Morris

The SRMS newsletter is published twice a year in mid-January and in mid-July, typically posted on the SRMS website and shared on ASA Connect. All the SRMS members are welcome to submit items that may be of interest to other SRMS members for publication in the newsletter.

The deadline for submissions to the January newsletter is mid-December 2022. Any submissions received after the deadline may not be accepted.

The SRMS newsletter could include:

- JSM-related materials;
- Announcements of upcoming conferences, seminars, webinars, or short courses (taking place after the newsletter’s publication date);
- Summaries of recent events or awards involving SRMS members (pictures always appreciated!).

Other types of submissions are also welcome! All submissions are subject to review by the newsletter editors and by the SRMS Executive Committee, and may be edited for length and/or clarity. Please email any submissions to Elizabeth Petraglia (elizabethpetraglia@westat.com) and Darcy Steeg Morris (darcy.steeg.morris@census.gov), either in the body of an email or in a Microsoft Word attachment. We cannot accept PDFs.
Your SRMS Officers

Chair: Jean Opsomer
Chair-Elect: Brady West
Past-Chair: Tony An
Treasurer: Jessica Kohlschmidt
Secretary: Qixuan Chen
2022 JSM Program Chair: Jana Asher
2022 JSM Program Chair-Elect: Andreea Erciulescu
Publications Officer: Dan Liao
Education Officer: Daniell Toth
Section Representatives: Stas Kolenikov and Kristen Olson

Contact information can be found at
http://ww2.amstat.org/sections/officers.cfm?txtComm=SSRMS.

Newsletter Editors: Elizabeth Petraglia and Darcy Steeg Morris
Website Editor: Pushpal Mukophadhyay
Student Representatives: Adam Kaderabek and Ulrich Kemmo Tsafack
ASA Staff Liaison: Rick Peterson
SRMS mission statement

SRMS has over 1,100 members, of which over 100 are based outside of North America. The Survey Research Methods Section is for Association members who research survey methodology or employ survey methods as a prime tool of investigation. Some areas of special interest are:

- Design and execution of sample surveys;
- Analysis and presentation of survey data;
- Statistical inference from survey data;
- Publication of developments and findings in survey research;
- Standards of design, estimation, and reporting of surveys;
- Promotion of uniform survey terminology;
- Use of survey research procedures and findings to inform public policy, including relations between public and private agencies in the design, conduct, and presentation of findings of surveys; and
- Ethics relating to the conduct of survey research and to respondents and potential respondents.

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; make sure to select “Survey Research Methods” from the “Select Sections” list.
- If you are already an ASA member, visit https://ww2.amstat.org/membersonly/additems/ (requires logging in to your ASA account) to add SRMS membership by clicking on “Add a Section.”

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For more information on SRMS resources, member benefits, and much more, check out the SRMS website at https://community.amstat.org/surveyresearchmethodsssection/home.