
ASA Stat + DS Ed Business Meeting

August 4, 2021, 10:00-11:30 am PT, 1:00-2:30pm ET

<https://pomonacollege.zoom.us/meeting/89461692304>

Attendance: Jo Hardin, Jennifer Broatch, Amy Hogan, Jennifer Kaplan, Carol Blumberg, Dex Whittinghill, Matt Hayat, Nick Horton, Jamie Perrett, Jenny Green, Adam Loy, Allan Rossman, Michael Posner, Rebecca Nichols, Rebecca Nugent, John McKenzie, Brian Kotz, Laura Le, Alison Gibbs, Maria Tackett, Megan Mocko, Brigitte Baldi, Ann Brearley, Charles Smith, April Kerby-Helm, Kumer Das, Charlotte Bolch, Chris Malone, Lisa Kay, Albert Kim, Anna Plantinga, Brianna Heggeseth, Ellen Breazel, Herle McLown, John McKenzie, Emily Robinson, Scott LaCombe, Jennifer Ward, Larry Lesser, Weiwen Miao, Sayali Suhas Phadke, Grant Innerst

Agenda:

1. Introductions
2. (Broatch) Approval of minutes from JSM Business meeting August 3, 2020: [Link](#)
 - Michael Posner motion to approve
 - Nick Horton second
 - Zoom poll- 33 approve, 2 abstain
 - Minutes approved.
3. (Broatch) Treasurer's report
4. (Hardin) Summary of Section activities / brief report on the executive committee

5. (Hardin) Thanks to outgoing and introduction of incoming members of the executive committee.

- Awards: AWARDS: Congratulations to

- Hudiburgh and Garbinsky "[Data Visualization: Bringing Data to Life in an Introductory Statistics Course](#)," published in the Journal of Statistics and Data Science Education, Volume 28, Issue 3, 2020., 2020 Jackie Deitz Award for best JSDSE paper. Link: <https://www.tandfonline.com/doi/full/10.1080/10691898.2020.1796399>

- Mine Çetinkaya-Rundel (Duke University), 2021 MAA Robert Hogg Award

- Lawrence M. Lesser (University of Texas, El Paso), 2021 Distinguished Teaching Career Award

- Amelia A. McNamara (University of St. Thomas), 2021 Waller Education Award

- Anna Bargagliotti (Loyola Marymount University), 2021 Mu Sigma Rho William D. Warde Statistics Education Award

- Samantha Robinson (University of Arkansas), 2021 Mu Sigma Rho Early Career Undergraduate Award

- 2020 Award for Best Contributed Paper JSM SSDSE (not awarded, pandemic)

- 2020 Statistical Education Section Speed Session Award JSM SSDSE (not awarded, pandemic)

6. (Perrett) JSM Program report (overview of sponsored sessions)

- Jamie Perrett & Aimee Schwab-McCoy (Birds of a Feather)

- New voting scheme for SSDSE awards! With speed sessions as the contributed paper session, there will be a speed/contributed session award winner. If you are interested in judging the speed sessions, please reach out to Jamie Perrett: jamis.perrett@bayer.com

- Birds of a Feather: <https://aimeeschwab-mccoy.github.io/jsm2021.html>

- JSM program: <https://aimeeschwab-mccoy.github.io/jsm2021-2.html>

- This year (2021) all contributed sessions are speed sessions. If you are interested in a speed session topic, then you can click through to see a longer recorded information presentation. The speed sessions are presented in LIVE- 1 hour sessions – with individual 3 minutes presentations. All live JSM sessions will be recorded and available for viewing throughout the remainder of the year.

7. (Hardin) any announcements, requests, etc that have been presented to the Chair
8. (Heggeseth & Das -- virtually) COS meeting is after the SSDSE Business meeting this year, so the report from the section's representatives to the council of sections will be sent out via email / community announcement.
9. (Hardin) Announcements: JEDI – Justice, Equity, Diversity, and Inclusion Outreach Group (supported by ASA, but you don't need to be an ASA member to join)...a community of statisticians and data scientists, is committed to communication, programming, and professional development to advance and support a society that values all people.– <http://www.datascijedi.org/>

– Inaugural meeting: Tuesday, August 24, 2021, 3-4:30pm PT / 6-7:30pm ET

10. Communications

- Website: <http://community.amstat.org/statisticaleducationsection/home>
- Thank you Brigitte Baldi, SSDSE Webmaster
- Email Brigitte (baldib@uci.edu) with suggestions/updates
- Communications - Blog: <https://statisticseducatio.wixsite.com/mysite>
- Contact Maria Tackett (maria.tackett@duke.edu), SSDSE Communications Officer, with suggestions

11. Upcoming conferences: eUSR 2021: program available at

<https://www.causeweb.org/usproc/eusrc/2021/program>

eCOTS 2022 will be May 23rd to May 26th (workshops to proceed)

STATFEST 2021: <https://community.amstat.org/cmis/events/statfest/statfest-2021>

Theme: Preparing the Modern Student

12. Member Discussions:

- Suggest more interactions with local or junior faculty. Laura Le organizes – “StatChat” in the Twin Cities (MN)
- We have PASTA (Philadelphia Area Statistics Teachers Alliance) started by Tom Short and Ruth Carver. It's focused on AP Stat, but it's a great group of 20+ people who meet 4 times per year (or so). They have 4 presenters on best practices each time. Email me if you want more info about PASTA.
- Jamie - I second the idea of reinvigorating the chapters. No reason they can't include academia, industry, and gov.

- When we meet in person (hopefully, next year), let's give those in the section who are not with us in person a ZOOM link and allow them to contribute as well
- Rebecca Nugent- Suggested a meeting or Birds of a Feather for Academic Unit chairs or leads to discuss unique issues with leading a program.
- Universal naming and coding – CIP – Data Science has it's own CIP codes. There is an impact on International students.
- Jo liked the idea to build upon the regional chapters. Maybe include a meeting before the chapter meeting to discuss ed issues.
- John suggested to add information about stat ed to the chapter website.

AP STATS / MWM: The MWM program provided approximately 50 middle school teachers and over 70 high school teachers the opportunity to discuss and apply the data analysis, data science, and statistical concepts embodied in the NCTM Catalyzing Change books and the American Statistical Association's (ASA) Guidelines for Assessment and Instruction in Statistics Education (GAISE) Pre-K-12 Curriculum Framework. The virtual workshops for middle school teachers were held on July 12, 13, and 14 and were facilitated by Kaycie Maddox and Chris Franklin. The virtual high school works were facilitated by Katherine Halvorsen, Sharon Hessney, Catherine Case, and Anna Fergusson and took place virtually on July 20, 21, 22. The agenda for the workshops is available [here](#). Rebecca Nichols, ASA K-16 Education Coordinator provided administrative support for the workshops. We are grateful to the ASA Biopharm for providing stipends for the teachers.

In 2020, ASA Education programs began offering [free K-12 teacher meetups](#) (via Zoom) to share resources and discuss K-12 statistics topics. Meetup topics have included the AP Statistics exam and statistics reading, assessment, applets, software resources, and lesson plans. View [recordings](#) or [indicate interest in participating in future meetups and suggest topics or presenters](#).

GAISE II continues to receive great interest with requests for presentations and published articles. The most recent article was published in the June issue of NCTM's MTLT. The MWM Middle School program this year was structured around GAISE II. The Joint ASA-NCTM Committee's "Statistics and Data Science for Teachers" is in production and will be available on the ASA Education website this fall. The Joint Committee is also sponsoring a 'Birds of the Feather' session on August 10th @ 3:30pm. The session is titled: "GAISE II and Catalyzing Change: Transforming K-12 Statistics, Data Science, and Math Education." The

committee has other projects planned for the upcoming academic year - more details will follow as plans are finalized.

The AP Statistics exam in 2021 was taken worldwide by 183,181 students. High school had a choice between 3 different exam administrations: 2 “paper/pencil” administrations and one digital administration. The “paper/pencil” exams were the standard format of 40 multiple choice and 6 free response questions. The digital exam had 51 multiple choice questions and 4 free response questions. In June, 1 chief reader, 1 assistant chief reader, 4 exam leaders, 30 question leaders, 122 table leaders, and around 976 readers from high school and college scored the free response questions of the exams. Like last year, this year’s AP Statistics reading was held virtually due to COVID. According to Trevor Packer (Head of AP at College Board) the breakdown of scores for the 183, 181 students is as follows: 5: 16%; 4: 20%; 3: 22%; 2: 17%; 1: 25%. There were 2 students that received a perfect score on both MC and FR. For more information about the scores you can visit: <https://allaccess.collegeboard.org/ap-statistics-exam-2021-results?excmid=SM51-PR-1-tw>

AMATYC/ASA JOINT COMMITTEE: The committee continues to focus on planning an hosting webinars, including webinars that provide support for new statistics instructors. The recordings of past webinars are available on the [resource page](#) maintained by the committee. Planning is underway for a webinar about alternative assessments and a webinar on supporting two-year college data science programs. The committee is guiding the effort to expand the scope of the Statistics Teacher/STEW so that two-year college instructors can use the lesson plans and contribute lesson plans of their own to the website. The committee is interested in collaborating with others to create a college version of Census at School. The committee is working on efforts to encourage two-year college students to participate in ASA DataFest and sponsored a webinar - “ASA DataFest: A Celebration of Data,” presented by Rob Gould and Mine Çetinkaya-Rundel

ASA/MAA JOINT COMMITTEE FOR UNDERGRADUATE STATISTICS AND DATA SCIENCE EDUCATION: The committee’s charge has been revised - To stimulate effective change in the teaching of undergraduate statistics and data science, especially at institutions where the department of mathematics bears primary responsibility for the teaching of courses in these disciplines. The Committee should examine and make recommendations concerning: Individual course offerings; Teaching practices; Faculty qualifications; Course sequences in support of various options; Use of technology; Connections with other departments that use or teach statistics or data science; Requirements for undergraduate majors in these

disciplines; Preparation of elementary and secondary teachers in these disciplines; Adapting current undergraduate curricula based on changes within these disciplines and in K-12 education in these disciplines. Under the leadership of committee chair Kari Lock Morgan a special issue of PRIMUS is being prepared. The committee would like to increase undergraduate participation at JSM. A subcommittee is considering this with the goal of implementing pilot activities at JSM 2022. The committee has developed a list of potential white papers to be published in the MAA Focus and potentially jointly in Amstat News. Topics under consideration include - "The First (and Second) Stat Course for Math Majors," "Starting a Stat/Data Science Program," and "Supporting a Stat/Data Science person in a Math Department." The MAA requested the committee's input on [International Data Science in Schools Project](#). A draft response is under development. The committee has developed a new community site - <https://community.amstat.org/asamaajointcommonundergraduatestatistics/home> - to make the resources it has curated more visible.

AWARDS COMMITTEE: JSM 2021 Speed sessions will be judged in two phases by a group of judges asked to rate the presentations based on very basic criteria.

CAUSE: The Consortium for the Advancement of Undergraduate Statistics Education (CAUSE) website (www.causeweb.org) contains many resources, including talks and posters from the (fantastic!) recent US Conference on Teaching Statistics 2021. Resources on eCOTS 2022 (the electronic Conference on Teaching Statistics), taking place in May 2022, will soon appear.

COMMUNICATIONS: Our section has a blog at <https://statisticseducatio.wixsite.com/mysite>. Maria Tackett has written and coordinated recent posts. We have moved from newsletters to blog posts, so check the blog for the latest happenings in the chapter. The July release gave a one-page summary of our JSM program, congratulated newly elected officers, and included a Q&A about the mentor program. Please contact Maria at maria.tackett@duke.edu with any ideas for blog posts and suggestions for members to feature in upcoming Meet a Member posts.

ENAR: One member of the executive committee serves as a member of ENAR's Program committee. That committee is charged with soliciting and evaluating invited session

proposals for the 2022 Spring meeting. They received 67 invited session proposals for ENAR 2022, and selected around 45 for the ENAR 2022 program.

ETHICS: The Committee on Professional Ethics continues to update the "[Ethical Guidelines for Statistical Practice](#)." They would welcome comments, which can be submitted through the ASA website (<https://community.amstat.org/communities/community-home?CommunityKey=b482848a-43f9-441c-84cb-96bfe4f732c7%C2%A0>).

FELLOWS COMMITTEE: Congratulations to the new ASA fellows who are members of the Section on Statistics and Data Science Education!!!

- Blume, Jeffrey
- Braun, Thomas
- Haviland, Amelia
- Hayat, Matthew
- Kolenikov, Stanislav
- Miao, Weiwen
- Vance, Eric
- Vitek, Olga

The Stat Ed section Fellows Committee exists to help ensure that section members who are worthy for induction as fellows are not overlooked. Many thanks to Michael Posner for his leadership as he rotates off. For next year, we seek the names of potential fellow candidates (along with suggestions of possible nominators) to help guide successful nominations. Early suggestions are most helpful, as it takes considerable time to prepare a compelling application. Please be in touch with Jo Hardin (chair, jo.hardin@pomona.edu), Rebecca Nugent, or Nathan Tintle with any questions or suggestions.

HS / TYC FELLOWSHIPS: [Applications](#) for [SSDSE's 2021 Fellowship for High School Teachers and Two-Year College Instructors](#) were due on June 1. The committee met on July 2 and decided on our new Fellows. Please join me in congratulating the 2021 Fellows - Dione Maxwell at Loganville High School (GA) and Venessa Singhroy at Queensborough Community College (CUNY). If you have ideas on helping these folks connecting SSDSE and their communities, please be in touch with Jo. Thanks to those who served on the

committee - Michael Posner, Jo Hardin, Rebecca Nugent, Christine Franklin, Amy Hogan (HS only), and Kathy Kubo (TYC only).

ICOTS: The 11th International Conference on Teaching Statistics (<https://icots.info/11/>) will be taking place September 11-16, 2022 in Rosario, Argentina. The theme is "Bridging the Gap: Empowering and Educating Today's Learners in Statistics."

INTERNATIONAL:

- [IASE 2021 Satellite Conference](#): Statistics Education in the Era of Data Science will take place virtually 30 August - 4 September. Registration is still open.

JEDI: The Justice, Equity, Diversity, and Inclusion (JEDI) Outreach Group, a community of statisticians and data scientists, is committed to communication, programming, and professional development to advance and support a society that values all people. [Join](#) the JEDI Outreach Group!

The inaugural JEDI meeting will be August 24, 2021 3-4:30pm PT / 6-7:30pm ET.
[Register here.](#)

JSM 2021:

- Birds of a Feather: 12 sessions taking place August 2-16. Full [Birds of a Feather Schedule](#). (Participation is open to anyone.)
- [Sessions sponsored by the Section](#) on Statistics and Data Science Education. (Participation is for JSM registrants only.)

MENTORING COMMITTEE: The section founded a mentoring program in the summer of 2016. The program is now preparing for our 6th group of mentee/mentor pairs. We have 60 applications so far, and are hoping to add a few more mentors to balance the mentee requests so everyone can be paired. We look forward to fostering these new mentoring relationships starting August 2021.

NEW OFFICERS: Congratulations to our new officers (starting their terms January 1, 2020):

Chair-Elect 2022: Nathan Tintle

Secretary/Treasurer 2022-2024: Jennifer Broatch

Executive Committee At Large 2022-2024 (two positions): Jennifer Ward

Executive Committee At Large 2022-2024 (two positions): Adam Loy

HS Fellow: Dione Maxwell at Loganville High School (GA)

TYC Fellow: Venessa Singhroy at Queensborough Community College (CUNY)

PTT: The 5th Preparing to Teach Workshop (<https://preparingtoteach.org/>) will be taking place on August 13, virtually. Preparing to Teach aims to prepare graduate students for a role as undergraduate faculty responsible for teaching statistics and data science. The workshop also strives to promote interaction, networking, and community building among recent and soon to be PhDs in Statistics, Data Science, and relevant fields. Specifically, the workshop is tailored to individuals interested in academic and teaching focused careers, providing them with valuable insights from leaders in the Statistics Education community.

RETIRING OFFICERS: Thanks and appreciation to our officers whose terms are ending December 31, 2021 for their service to the section: Michael Posner (Past-Chair), Jamie Perrett (2021 Program Chair), Jessica Chapman and Beverly Wood (Executive Committee), and Alyson Wilson (COS Vice Chair). Amy Hogan (HS) and Kathy Kubo (TYC) will also complete their fellowship years.

STATISTICS AND DATA SCIENCE EDUCATION BOOTH: [See our virtual booth!](#) Many thanks to Carol Blumberg and Rebecca Nichols for their organization, and for all section members who volunteered to make the table a success. The materials for the virtual booth can be found in [this google drive](#).

STAT Act: In the 2011-2012 legislative year, H.R.1817 (the Statistics Teaching, Aptitude, and Training Act of 2011 or STAT Act of 2011) was introduced into the 112th Congress. The bill did not pass, and then was revised and subsequently reintroduced without passing (but while steadily gaining support). The Section on Statistics and Data Science Education is now supporting the reintroduction of the bill.

- STAT Act (funding mechanism for statistical literacy)
<https://www.congress.gov/bill/112th-congress/house-bill/1817>
- ASA Policy on legislative involvement
<https://www.amstat.org/ASA/Science-Policy-and-Advocacy/Process-to-Guide->

[Determination-of-Whether-to-Make-a-Public-Statement-on-a-Policy-Related-Issue.aspx](#)

- JSM 2022 will include outreach to congress

<https://magazine.amstat.org/blog/2009/10/01/sciencepolicyoct09/>

For more information, contact Rebecca Nugent (rnugent@stat.cmu.edu) or Kumer Das (kumer.das@louisiana.edu).

THIS IS STATISTICS: This is Statistics is continually updating its material at <http://thisisstatistics.org/>. This is a great resource for promoting careers in statistics and statistics in general to HS and college students. Further resources for K-12 outreach can be found at <http://www.amstat.org/ASA/Education/K-12-Student-Outreach.aspx>

WEBSITE: Brigitte Baldi has been working to improve our section website (<http://community.amstat.org/statisticaleducationsection/home>) which has a variety of useful resources and links. Please let her know if you have suggestions for additions or improvements (baldib@uci.edu).