HPSS Newsletter

Greetings from HPSS Chair

Yuanjia Wang yw2016@cumc.columbia.edu

Dear colleagues and friends,

We are excited to share with you the Summer HPSS Newsletter! As we approach the first in-person JSM after two years of hibernation, we cannot wait to meet you all at the HPSS organized sessions, lunch with speaker, and Joint Mixer with Mental Health Statistics Section on Monday evening (8/8/2022)! Please see page 2 for the details of our events at the JSM 2022.

Please join me to congratulate the following HPSS members who are elected as the 2022 American Statistical Association (ASA) Fellow for their professional contributions, leadership, and commitment to the field of statistical science! This year the ASA welcomes 48 new fellows and 10 are HPSS members. Congratulations on receiving this prestigious distinction!

Emma Benn - Icahn School of Medicine at Mount Sinai), **Kun Chen** - University of Connecticut), **Beth Ann Griffin** - RAND Corporation, **Stephen W. Gulyas** - Everest Clinical Research Services Corporation, **Douglas Landsittel** - Indiana University, **Fan Li** - Duke University, **Satrajit Roychoudhury** - Pfizer, Inc., **Claude Messan Setodji** - RAND Corporation, **Susan M. Shortreed** - Kaiser Permanente Washington Health Research Institute, and **Jose Zubizarreta** - Harvard Medical School.

I would also like to congratulate our elected officers: **Layla Parast,** Chair-Elect 2023 and **James O'Malley,** Council of Sections Representative 2023-2025! We look forward to working with you!

Yuanjia Wang
2022 Chair, HPSS

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2022 HPSS Executive Committee

Chair – Yuanjia Wang
Chair-Elect – Lisa Lix
Past-Chair – Cory Zigler

Secretary – José Zubizarreta
Treasurer – Ted Lystig
Publications – Miguel Marino & Hwanhee Hong
Council of Sections Rep – Frank Yoon

Program Chair – Mousumi Banerjee
Program Chair-Elect – Summer Han

ICHPS Co-Chair: Mike Baiocchi & Ruth Etzioni

JSM 2022
August 6-11, Washington, DC

Program Chair: Mousumi Banerjee mousumib@umich.edu
Program Chair-Elect: Summer Han summerh@stanford.edu

JSM 2022 will be back to on-site! It is our pleasure to announce a full list of HPSS-sponsored activities including invited sessions, topic-contributed sessions, round tables, lunch with speaker, and our famous HPSS and MHSS joint mixer.

HPSS-Sponsored Invited Sessions

1. *20 Years of Principal Stratification: Where to Now?*
2. *Pioneering Statistical Methods to Alleviate Health Disparity and Achieve Health Equity*
3. *Learning Individual Treatment Rules in Complex Settings*
4. *Recent Developments in Mobile/Wearable Device Data Analysis*

HPSS Topic-Contributed Sessions

1. *Translating Health Outcome Data into Real-World Understanding and Policies*
2. *Alternative Data Sources Utilization in Clinical Development*
3. *New Models, Diagnostics and Considerations in Evaluating Intervention and Policy Effects*
4. *Health Policy Statistics Section Student Paper Award*

Roundtable Sessions

1. *Project Management for Academic Research* with **Laura Hatfield**, Harvard Medical School
2. *Tips for Interviewing Well* with **Joseph Cappelleri**, Pfizer

Lunch with Speaker (Aug 10, 12:30-1:50 pm)

The Need For, and Challenges of, Policy Evaluation During the COVID-19 Pandemic. **Elizabeth Stuart**, Johns Hopkins University.

Finally, the **joint mixer of HPSS and MHSS** will be held on August 8, 6-8 PM EDT at Yardbird Table & Bar (901 New York Ave NW, Washington, DC 20001). The mixer will feature HPSS Student Award Ceremony (see Page 3 for the list of winners) and Announcement of the 2022 ASA Fellows who are members of HPSS. **Please come and join for fun, food, and social interaction!!**

International Conference on Health Policy Statistics
Upgrading the Pipeline from Health Data to Health Policy
January 9–11, 2023 • Scottsdale, Arizona

ICHPS 2022
January 7-10, 2023
Scottsdale, Arizona (where the sun always shines)
Co-Chairs:
Mike Baiocchi baiocchi@stanford.edu
Ruth Etzioni retzioni@fredhutch.org

Our theme: "Upgrading the Pipeline from Health Data to Health Policy"

The Health Policy Statistics Section together with ASA are also busy planning the next International Conference on Health Policy Statistics! This conference will be held in January 2023 in sunny Scottsdale, Arizona. ICHPS is a smaller meeting (typically 300-350 attendees) that provides an excellent opportunity to get to know a community of statisticians and other professionals working in the health policy and health services arena. Here are some key highlights from the **invited sessions**:

- Building A Pipeline from Health Data to Health Policy in Real Time: COVID-19 in Israel
- Which Cutting-Edge Causal Inference Methods Can Best Estimate Health Policy Impacts? Results and Lessons Learned from the 2022 ACIC Data Competition
- Improving Health Policy Decisions by Using Novel Record Linkage Methods

There will also be **a full day of pre-conference workshops** including:

- Developing high-capacity predictive models and intersections with causal inference
- Estimating Correlations and Causal Relationships with Linked Data Sources
- Statistical methods for electronic health record data.

Students – If you have submitted an abstract please submit your applications for student travel awards by **September 15**!

We look forward to being able to gather and share science and community at ICHPS 2023!

Congratulations to JSM HPSS Student Paper Awardees!

Joseph Feldman, Rice University
Title: A Bayesian Framework for Generation of Fully Synthetic Mixed Datasets

Anqi Yin, Georgetown University
Title: Doubly robust semiparmateric U-statistic with applications in biomedical studies

Augustine Wigle, University of Waterloo
Title: Bayesian unanchored additive models for component network meta-analysis

Xingruo Zhang, University of Chicago
Title: Defining R-Squared Measures for Mixed-Effects Location Scale Models

Chenqi Fu, Penn State University
Title: Evidence synthesis with reconstructed survival data

Meet future health policy statisticians
Recap of the HPSS Mentoring Studios 2022

By Mike Baiocchi mike.baiocchi@gmail.com and
   Cory Zigler Cory.Zigler@austin.utexas.edu

HPSS launched a new program that provides informal research discussions and mentorship studios to student and postdoctoral trainees. Four trainees participated this year and were matched to their respective individual senior mentors one-on-one from outside their personal mentorship networks. Mentors generously volunteered their time and provided advice through informal research and professional mentorships. Each mentor-mentee pair has been meeting over the course of several months to discuss research interests and professional development.

Such mentor-mentee exchanges have been mutually beneficial. In addition, there was a group Mentorship Studio, held on May 10, 2022, where Dr. David Kline (Assistant Professor, Department of Biostatistics and Data Science, Division of Public Health Sciences, Wake Forest University School of Medicine) facilitated a discussion between all four mentees and an esteemed long-time HPSS member, Past-Chair and Secretary, Dr. Kelly H. Zou (Head,Global Medical Analytics and Real World Evidence, Viatris Inc). The studio entailed a lively discussion that included a brief research presentation by each mentee, followed by an informal and interactive conversation, ranging from multiple topics in research, mentorship, to professional development.

Below was some of the positive feedback from the mentees after this event:

Alexander Marin, PhD Student**,** Department of Economics and Business Economics, Aarhus University
Matched Mentor: Michael Knaus, University of St. Gallen

"Learning from seniors within your research area is very valuable. The HPSS Mentoring Studio facilitated such mentorships excellently."

Travis Lilley, PhD Student, Department of Statistics and Data Sciences, University of Texas at Austin
Matched Mentor: John Preisser, Gillings School of Public Health, University of North Carolina at Chapel Hill

"Kelly and John both provided detailed feedback on my dissertation work, and Kelly also had some very helpful information about post-graduation career plans. It was interesting to learn about the different areas her career has moved to beyond academia, and she offered practical advice on looking for opportunities in unexpected places. Overall I had a wonderful experience with the HPSS studio and feel that I made some important connections that I can contact for advice in the future."

Nick Seewald, Postdoctoral Fellow, Department of Health Policy and Management, Johns Hopkins Bloomberg School of Public Health
Matched Mentor: Beth Ann Griffin, RAND Corporation

"The HPSS Mentoring Studio was a great way for me to meet and learn from leaders in health policy statistics. My mentor Beth Ann Griffin was so kind as to set up monthly check-ins with me, and we're making plans to co-author some papers together. I'm so grateful to have had this opportunity, especially given that I'm new to the world of health policy. Thanks so much to the organizers and to HPSS for sponsoring!"

Mauricio Lopez Mendez, PhD Student, Health Services Research Program, Brown University's School of Public Health
Matched Mentor: Anirban Basu, University of Washington

"The mentoring studios are a great opportunity for students and post-docs to get to know faculty and other students with similar interests. This is valuable because within departments there is usually just a couple people interested in similar things. The mentoring we received was very thoughtful and useful, it helped me think about the next steps in my research and my career."

Thank you to the mentees, mentors, and planning committee members (Cory Zigler, Mike Baiocchi, Kelly Zou, Benjamin French, and David Kline) who made our first instance of this mentorship opportunity a success!

Let's keep an eye out for future versions of HPSS mentorship events, such as these individualized mentorship studios, in the future! ∎

Events! Meetings! Dates! Deadlines!

JSM 2022 – Joint Statistical Meetings
        @ Washington, DC. August 6-11, 2022.

ICHPS 2023 – International Conference on Health Policy Statistics
        @ Scottsdale, AZ. January 9-11, 2023

ENAR 2023 – Biometrics Society - Eastern North American Region
        @ Nashville, TN. March 19-22, 2023.

Announcement

Please remember to pay your 2022 HPSS dues when you renew ASA membership if you have not done so already!