

Biometrics by the Numbers

1800+	Current Section Members
5	JSM 2024 Short Courses
6	Award Recipients

Message from the Chair

Dear Colleagues,

I hope everyone is enjoying the warmer weather as we move into summer. We are actively preparing for JSM 2024 in Portland this August! Thanks to the hard work of our Program Chair, Dr. Zhenke Wu, and to our continuing education chair, Dr. Alexia Iasonos, we have a fantastic program planned, including an exciting lineup of short courses (see next page). Please join for the Biometrics Section Mixer — I look forward to seeing familiar faces and meeting new people at this event, where you can learn more about the section and celebrate our award recipients. Special thanks to Dr. Sherri Rose for chairing the Annie T. Randall Innovator Award Committee. Congratulations to this year's awardee, Dr. Isabel Fulcher!

I also want to extend our gratitude to everyone who served on the Byar Early Career Paper Award committee. For more information on our impressive early career paper winners for JSM 2024, please see the next page of this newsletter. We look forward to celebrating these noteworthy accomplishments in person at our JSM mixer (see next page for details)!

Congratulations to our newly elected ASA Fellows and our new executive committee members from the recent ASA election, as well as those who ran for elected positions! We welcome Ana Ortega Villa from the National Institutes of Health as the 2025 Chair-Elect. Additionally, congratulations to Dr. Sharina Person from the University of Massachusetts, Amherst, who was elected to the ASA Board of Directors as the Council of Sections representative for 2025-2027.

Finally, we are always looking for volunteers. In addition to seeking candidates for future open positions, we have regular volunteer opportunities, such as serving on the Byar Award committee. We also welcome suggestions for ways we can best serve our members. Please do not hesitate to reach out to me or other Section executive committee members with ideas!

Warm regards,
Jennifer Bobb
2024 Biometrics Section Chair



Annie T. Randall Innovator Award

The ASA Biometrics Section is delighted to announce the 2024 Annie T. Randall Innovator Award to Dr. Isabel Fulcher! The Annie T. Randall Innovator Award was established in 2020 in honor of Black female statistician Annie T. Randall to recognize early-career statistical innovators across all job sectors and with any level of **educational** attainment.

Dr. Fulcher is the Chief Scientific Officer at Delfina, where she and her team leverage data sources and data science tools to build patient-centered technologies that improve pregnancy care. Dr. Fulcher earned her PhD in Biostatistics from Harvard University, where her research focused on the development of novel statistical methods to estimate causal effects in complex data settings.

The Biometrics Section is for ASA members with special interests in the development and application of biostatistical and biomathematical methods and the interpretation of quantitative data in the biological sciences, including agriculture, biology, health, medicine, and related fields. The Biometrics Section will represent these interests within the ASA and cooperate with outside groups, most notably the North American region of the International Biometric Society, the Statistics Section of the American Public Health Association, Society for Clinical Trials, and Section U of the American Association for the Advancement of Science, in effectively furthering common purposes.

2024 Award Recipients

We are pleased to announce the following 2024 recipients:

Paper Awards

Heejun Shin, PhD Candidate of Statistics at the University of Florida for the paper entitled "Treatment effect heterogeneity and importance measures for multivariate continuous treatments using targeted smoothing"

Srikar Katta, PhD Candidate of Computer Science at Duke University for the paper entitled "Interpretable Causal Inference for Analyzing Wearable Device, Sensor, and Other Distributional Data"

Zhihao Wu, PhD Candidate of Statistics at the Chinese University of Hong Kong for the paper entitled "Longitudinal Mixed Membership Image-on-Scalar Model"

Di Wang, PhD Candidate of Biostatistics at the University of Michigan for the paper entitled "Incorporating External Risk Information with the Cox Model under Population Heterogeneity: Applications to Trans-Ancestry Polygenic Hazard Scores"

David P Byar Early Career Award

The David P Byar Early Career Award is given annually to a new researcher in the Biometrics Section who presents an original manuscript at the Joint Statistical Meetings. The award commemorates David Byar, a renowned biostatistician who made significant contributions to the development and application of statistical methods during his career at the National Cancer Institute.

Hanwen Ye, PhD Candidate of Statistics at the University of California, Irvine for the paper entitled "Stage-Aware Learning for Dynamic Treatments"



JSM Biometrics Section Mixer

Please join us for our annual JSM Biometrics Section Mixer! This will be an opportunity to mix, mingle, and celebrate our 2024 awardees.

- ✦ **Date:** Monday, August 5th
- ✦ **Time:** 5:30PM
- ✦ **Location:** [Oregon Convention Center](#)
- ✦ **Room Name:** CC-C124

JSM Biometrics Short Courses

Saturday, August 3rd

[Understanding and Tackling Measurement Error: A Review of Modern Practical Methods](#)

Instructors Pamela Shaw (Kaiser Permanente Washington Health Research Institute) and Paul Gustafson (University of British Columbia)

Sunday, August 4th

[Tree-Based Machine Learning Methods for Prediction, Variable Selection and Causal Inference](#)

Instructors Hemant Ishwaran and Min Lu (University of Miami)

[Analysis of Interval-Censored Time-to-Event Data: Methods and Applications](#)

Instructors Jianguo Sun (University of Missouri) and Ding-Geng (Din) Chen (Arizona State University)

Monday, August 5th

[EHR Data Processing and Analytics for Research and Real-World Evidence Discovery from A to Z](#)

Instructors Hulin Wu (University of Texas Health Science Center At Houston) and Vahed Maroufy

Tuesday, August 6th

[Statistical and Computational Methods for Microbiome Data Analysis](#)

Instructor Gen Li (University of Michigan)

For additional information, full [conference program](#) can be found online. We look forward to seeing you in Portland!