Welcome

Hello

JSM 2021

August 8 –12, 2021

Virtual Conference
USER GUIDE

Contents

Getting Started

Explore the Online Program

Virtual Platform

Need to Know

Schedule at a Glance

Featured Speakers

Additional Lectures and Special Sessions

JSM Events and Exhibitor Demonstrations

Roundtable Discussions and Lunchtime Speakers

JSM Career Service

Sponsors

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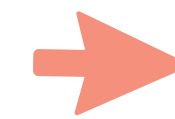
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Learn more about our **Statistics** offerings.

Getting Started

You've registered and want to see all virtual JSM offers. What do you do? The first step is to verify your registration, enabling access to the JSM virtual platform. Once confirmed, you will have full access to five days of live programming and social events, as well as on-demand content after the official JSM dates.

Verify your registration

If you've forgotten your login or need to reset your password, visit the main account login page or contact customer service at *jsm@amstat.org.*

Login

Username

Password

☐ Keep me signed in

Sign In

Forgot username? | Forgot password?

Create a new account

Having trouble logging in? Try clearing your cookies.

The next step is to get an idea of the sessions you want to see by exploring the **JSM 2021 online program.**

Explore
the online program

📅 My Program

All Times EDT

JSM 2021 Program Export (available inside ASA only)

Basic Search

Search By Session Title, Session Number, Activity Number or Course Number:

☐ Sun 8/8 ☐ Mon 8/9 ☐ Tue 8/10 ☐ Wed 8/11 ☐ Thu 8/12

○ **BASIC SEARCH:** Trying to find something specific? Search for a session by title, session number, activity number, or date.

Advanced Search

○ **ADVANCED SEARCH:** Filter by session type, sponsor, and date.

Invited
☐ Papers
☐ Panel
☐ Posters
☐ Special Presentations

Topic Contributed
☐ Papers
☐ Panel
☐ Speed

Contributed
☐ Speed

Roundtables
☐ P.M. Discussion
☐ Lunchtime Speakers

Meetings & Social Events
☐ Sponsored Events
☐ Business/Cmte Meeting and ICW
☐ JSM Hours

People or Affiliation Search

○ **PEOPLE OR AFFILIATION SEARCH:** Search by the first letter of a person's last name or affiliation.

Search by corresponding letter, last name, or affiliation for any organizer, chair, presenter, or discussant:

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

JSM is held jointly with the:

*American Statistical Association

Casualty Actuarial Society

Caucus for Women in Statistics

*International Biometric Society (ENAR and WNAR)

International Chinese Statistical Association

International Indian Statistical Association

*Institute of Mathematical Statistics

International Society for Bayesian Analysis

International Statistical Institute

Korean International Statistical Society

Royal Statistical Society

*Statistical Society of Canada

Indicates the founding societies of JSM

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Virtual Platform *Sponsored by* NSA *and* sas

If you participated in the Women in Statistics and Data Science Conference, Conference on Statistical Practice, Symposium on Data Science and Statistics, or International Conference on Establishment Statistics, the JSM platform will look familiar. Expect to find the full conference agenda, the ability to build your own agenda by adding sessions and events in advance, access to the virtual exhibit hall, and the ability to search for and message other conference attendees.

Participate in the discussion on social media by tagging @AmstatNews or #JSM2021

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Need to Know

Emergency Messages
While there is no reason to believe there will be any problems with the JSM platform, we all know technology isn't perfect. Should there be a delay or issues with service, the ASA will post emergency messages to social media.

JSM Proceedings
Learn about the **eligibility guidelines and author instructions** for JSM 2021 presenters. The submission site will open September 1 and close October 8 (11:59 p.m. EDT).

Docents
Docents are JSM attendees who will be at the First-Time Attendee Orientation. They know about the ASA, partner societies, and how to choose sessions. They also have a lot of professional experience. Docents will facilitate the breakout rooms during the orientation and host networking meet-ups during JSM. If they don't know an answer to a question, they know who to ask!

Participating in the Program?
Are you a speaker or chair looking for access information or tips on how to have a successful virtual presentation? Check out the **FAQ page.**

Code of Conduct
The American Statistical Association (ASA) is committed to providing an atmosphere in which personal respect and intellectual growth are valued and the free expression and exchange of ideas are encouraged. Consistent with this commitment, it is the policy of the ASA that all participants in ASA activities enjoy a welcoming environment free from unlawful discrimination, harassment, and retaliation. We strive to be a community that welcomes and supports people of all backgrounds and identities. This includes, but is not limited to, members of any race, ethnicity, culture, national origin, color, immigration status, social and economic class, educational level, sex, sexual orientation, gender identity and expression, age, size, family status, political belief, religion, and mental and physical ability.

All participants—including, but not limited to, attendees, statisticians, students, registered guests, staff, contractors, and exhibitors—in any ASA meeting or other activity—whether official or unofficial—agree to comply with all rules and conditions of the activities. Your registration for or attendance at any ASA event indicates your agreement to abide by this policy and its terms. To preserve a climate that encourages both civil and fruitful dialogue, the ASA reserves the right to suspend or terminate participation for anyone who violates the Code of Conduct.

Please read the complete **Code of Conduct** before attending.

Schedule at a Glance

All times are Eastern Daylight Time (EDT)

Professional Development short courses and workshops will be offered as distance learning presentations throughout the rest of this year and into 2022. Announcements will be sent when these are scheduled.

SUNDAY
AUGUST 8

First-Time Attendee Orientation
12:00 p.m. – 1:20 p.m.

SPAIG Lunchtime Speaker
12:00 p.m. – 1:20 p.m.

Technical Sessions
1:30 p.m. – 3:20 p.m.

Technical Sessions
3:30 p.m. – 5:20 p.m.

JSM Opening Mixer & Invited Poster Sessions
5:30 p.m. – 7:30 p.m.

MONDAY
AUGUST 9

Technical Sessions
10:00 a.m. – 11:50 a.m.

Roundtable Discussions*
12:00 p.m. – 1:20 p.m.

Section on Statistics in Sports Lunchtime Speaker
12:00 p.m. – 1:20 p.m.

Student Mixer & Other Social Events
12:00 p.m. – 1:20 p.m.

Technical Sessions
1:30 p.m. – 3:20 p.m.

President's Invited Speaker
3:30 p.m. – 5:00 p.m.

IMS Presidential Address
5:15 p.m. – 6:45 p.m.

TUESDAY
AUGUST 10

Technical Sessions
10:00 a.m. – 11:50 a.m.

Roundtable Discussions*
12:00 p.m. – 1:20 p.m.

Economic Outlook Lunchtime Speaker
12:00 p.m. – 1:20 p.m.

Social Events
12:00 p.m. – 1:20 p.m.

Technical Sessions
1:30 p.m. – 3:20 p.m.

Deming Lecture and Wald Lecture I
3:30 p.m. – 5:00 p.m.

ASA President's Address and Awards
5:15 p.m. – 6:45 p.m.

JSM Talent Show
7:00 p.m. – 8:30 p.m.

WEDNESDAY
AUGUST 11

Technical Sessions
10:00 a.m. – 11:50 a.m.

Roundtable Discussions*
12:00 p.m. – 1:20 p.m.

Health Policy Statistics Section Lunchtime Speaker
12:00 p.m. – 1:20 p.m.

Social Events
12:00 p.m. – 1:20 p.m.

Technical Sessions
1:30 p.m. – 3:20 p.m.

Technical Sessions
3:30 p.m. – 5:20 p.m.

COPSS Awards and Distinguished Achievement Award Lecture
5:15 p.m. – 7:20 p.m.

THURSDAY
AUGUST 12

Technical Sessions
10:00 a.m. – 11:50 a.m.

F.N. David Award
12:00 p.m. – 1:50 p.m.

Technical Sessions
12:00 p.m. – 1:50 p.m.

Technical Sessions
2:00 p.m. – 3:50 p.m.

Technical Sessions
4:00 p.m. – 5:50 p.m.

Wald Lecture II
4:00 p.m. – 5:50 p.m.

*Ticketed event
(additional registration required)

View the JSM online program for complete information

Featured Speakers

Vivienne Ming

Socos Labs

ASA President's Invited Address

Messy Human Problems

MONDAY

August 9, 3:30 p.m.

Ivan S. F. Chan

AbbVie

Deming Lecture

Deming Spirit in Action: Quality, Statistics, and Innovation in Vaccine Development

TUESDAY

August 10, 3:30 p.m.

Robert Santos

Urban Institute

ASA President's Address

Thoughts on the Role of 'Self' in a Statistics Career

TUESDAY

August 10, 5:15 p.m.

Wing Hung Wong

Stanford University

COPSS Distinguished Achievement Award and Lectureship

Understanding Human Trait Variation from the Gene Regulatory Systems Perspective

WEDNESDAY

August 11, 5:30 p.m.

Alicia Carriquiry

Iowa State University

Florence Nightingale David Award

Statistics in the Pursuit of Justice: A More Principled Strategy to Analyze Forensic Evidence

THURSDAY

August 12, 12:00 p.m.

Click on any session name to view the complete abstract

Special Sessions

Introductory Overview Lectures

Julia for Statistics and Data Science

SUNDAY, August 8, 3:30 p.m.

Advances in the Statistical Understanding of Random Forests and Related Methods and Their Use in Inference

MONDAY, August 9, 10:00 a.m.

Fairness in Machine Learning

TUESDAY, August 10, 10:00 a.m.

Spatial Models for Massive Data Sets

WEDNESDAY, August 11, 10:00 a.m.

Additional Lectures

Regina Liu
Rutgers University

IMS Presidential Address

Proactive and All-Encompassing Statistics

MONDAY
August 9, 5:15 p.m.
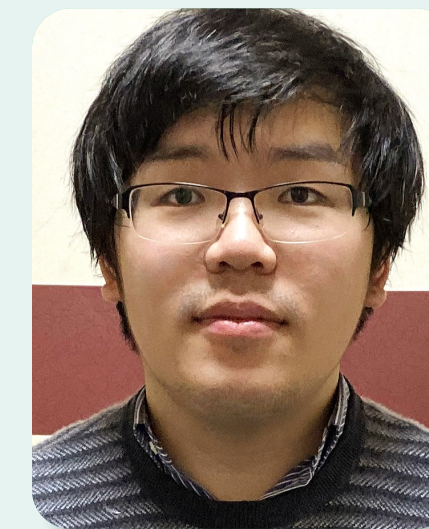
Xin Bing
Cornell University

Inference in Interpretable Latent Factor Regression Models

Ilmun Kim
University of Cambridge

Minimax Optimality of Permutation Tests

Yichen Zhang
New York University Stern School of Business

First-Order Newton-Type Estimator for Distributed Estimation and Inference

Lawrence D. Brown PhD Student Award Session
WEDNESDAY, August 11, 10:00 a.m.

Jianqing Fan
Princeton University

Le Cam Lecture

Understanding Spectral Embedding

THURSDAY
August 12, 10:00 a.m.

Click on any session name to view the complete abstract

Special Sessions

Late-Breaking Sessions

LATE-BREAKING SESSION 1:

Human Trafficking Analytics in the Age of COVID-19

TUESDAY, August 10, 1:30 p.m.

LATE-BREAKING SESSION 2:

Business Response to the Coronavirus Pandemic Spatial Models for Massive Data Sets

THURSDAY, August 12, 10:00 a.m.

Additional Lectures

Philippe Rigollet
Massachusetts Institute of Technology

Medallion Lecture I
Statistical Optimal Transport
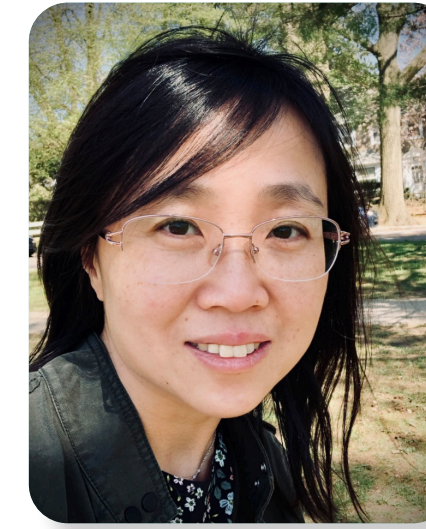
MONDAY
August 9, 1:30 p.m.

Robert Nowak
University of Wisconsin-Madison

Medallion Lecture II
What Kinds of Functions Do Neural Networks Learn?

TUESDAY
August 10, 1:30 p.m.

Nancy Zhang
University of Pennsylvania

Medallion Lecture III
DNA Copy Number Profiling from Bulk Tissues to Single Cells

THURSDAY
August 12, 12:00 p.m.

Axel Munk
University of Göttingen

Medallion Lecture IV
Empirical Optimal Transport: Inference, Algorithms, Applications

WEDNESDAY
August 11, 1:30 p.m.

Jennifer Chayes
University of California, Berkeley

Wald Lecture I
Modeling and Estimating Large Sparse Networks

TUESDAY
August 10, 3:30 p.m.

Wald Lecture II
Modeling and Estimating Large Sparse Networks

THURSDAY
August 12, 4:00 p.m.

Click on any session name to view the complete abstract

Exhibitor Demonstrations

FREE AND OPEN TO ALL
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DEMO 1
Causal Inference Using Stata: Estimating Treatment Effects with Observational Data
MONDAY, August 9, 12:00 p.m. – 1:15 p.m.

DEMO 2
Customizable Tables in Stata
TUESDAY, August 10, 12:00 p.m. – 1:00 p.m.

DEMO 3
Meta-Analysis Using Stata
WEDNESDAY, August 11, 12:00 p.m. – 1:15 p.m.

DEMO 4
PyStata: Use Python with Stata
THURSDAY, August 12, 9:00 a.m. – 10:00 a.m.

JSM Events

JSM First-Time Attendee Orientation
Sponsored by **NOVARTIS**

SUNDAY, August 8, 12:00 p.m.

Join fellow first-timers and learn how to get involved in JSM. Also, hear about the benefits of membership and get tips for navigating the conference.

JSM Opening Mixer
Sponsored by **Westat** *and* **MIT Management**

SUNDAY, August 8, 5:30 p.m.

All conference attendees are encouraged to attend this popular event to network with exhibitors and colleagues.

JSM Student Mixer
Sponsored by **TWO SIGMA**

MONDAY, August 9, 12:00 p.m.

The Student Mixer will provide an opportunity for students to join their contemporaries for a fun-filled time.

JSM Virtual Talent Show

TUESDAY, August 10, 7:00 p.m.

Come watch your colleagues show us their talents and vote for your favorite act!

Looking for another event usually held at JSM? Many meetings, receptions, and other activities will be scheduled outside of the JSM virtual platform. Check the **JSM online program** and search for other meetings and social events for more information.

Roundtable Discussions

Roundtable discussions are made up of a small group and discussion leader and focus on a specific topic. These discussions require an additional fee and are limited to 20 participants. You must pre-register. Access will be available from the main agenda, but only for those registered.

If you would like to register for a roundtable discussion, send an email to *jsm@amstat.org* or call (888) 231-3473 and we can assist you.

Participate in the discussion on social media by tagging @AmstatNews or #JSM2021

Lunchtime Speakers

Offered Sunday through Wednesday from 12:00 p.m. – 1:20 p.m. EDT

Forget to register for a roundtable and now they are full? Join us for one of our lunchtime speakers.

There is no need to pre-register to participate. Simply join the session from the main agenda.

Lisa LaVange
The University of North Carolina at Chapel Hill

SPAIG Lunchtime Speaker

Master Protocols in a Pandemic: Lessons Learned from the ACTIV Experience

SUNDAY

August 8

Sameer Deshpande
Massachusetts Institute of Technology

Section on Statistics in Sports Speaker

Revisiting Pitch Framing with Bayesian Additive Regression Trees

MONDAY

August 9

Till von Wachter
University of California, Los Angeles

Economic Outlook Lunchtime Speaker

Old Issues and New Insights on Measuring Unemployment Benefit Receipt During the COVID-19 Crisis

TUESDAY

August 10

Jeffrey S. Morris
University of Pennsylvania Perelman School of Medicine

Health Policy Statistics Section Speaker

A Seat at the Table: The Key Role of Statistics and Data Science in the COVID-19 Pandemic

WEDNESDAY

August 11

Don't forget to visit the

Virtual
EXPO

Connect with JSM exhibitors and learn about their products, services, opportunities, and resources.

Career Service

Start—or Further—Your Career with JSM 2021's Career Service

Would you like to explore career opportunities with top statistical employers? The virtual JSM Career Service will give you the opportunity to research job postings and contact employers. Access is for registered applicants and employers only.

As a Career Service candidate, you can:

2021 Rates

ASA Student Member: $25

Student Nonmember: $50

ASA Member: $100

Nonmember: $175

- **Submit your résumé** and establish an online profile available to all employers

- **Access our Employer Search,** including job postings

- **View organizational profiles** and contact information

- **Flag positions** of interest to you

- **Communicate directly**—in advance, during, and even after JSM concludes—with employer representatives

See the registered employers

2021 JSM

Participate

Include Career Service when you register for JSM. If you have already registered for JSM, you can add Career Service.

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