

QUICK GUIDE

*American Statistical Association
Casualty Actuarial Society
The 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

11111111111



Thank you to our JSM 2022 sponsors

PLATINUM







GOLD

























www.IntelligenceCareers.gov/NSA



SILVER









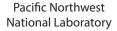


















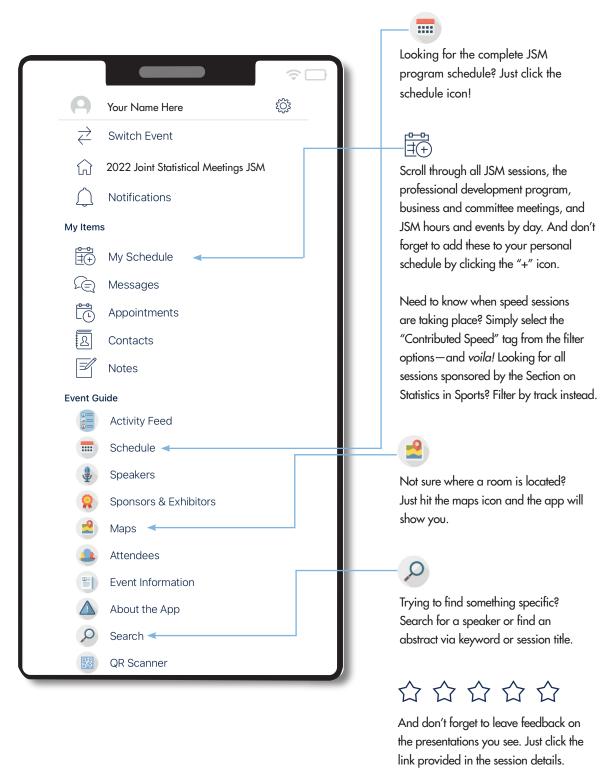




EXPLORE THE PROGRAM VIA THE JSM 2022 APP!



Sponsored by Takeda





GET THE JSM APP!

Scan the QR code to download the app.

Or download the CrowdCompass **Events app in**

Google Play or Apple's App Store, and then search for JSM.

GOOD TO KNOW



JSM CHALLENGE

Take the JSM CHALLENGE via the JSM 2022 app! Earn points for each task you complete to win prizes at the end of the week. The JSM Challenge runs Saturday through Thursday, with new tasks each day. Prizes will be awarded to the top four participants on the leaderboard within the JSM app as of noon on Thursday.

Don't miss out on the opportunity to have fun and win great prizes! Download the CrowdCompass Events app and search for Joint Statistical Meetings. Available from Google Play and the App Store.

DOCENT PROGRAM

QUESTIONS? NEW TO JSM? Find a JSM docent to help you learn the ropes. JSM docents are experienced JSM attendees wearing an orange button who can help you make the most of your experience.





WI-FI Sponsored by AbbVie

WALTER E. WASHINGTON CONVENTION CENTER

Network: JSM2022 Password: abbvie22

MARRIOTT MARQUIS

Network: JSM2022 Password: abbvie22

JSM PROCEEDINGS

Eligibility guidelines and author instructions for JSM 2022 **PRESENTERS** are available at ww2.amstat.org/meetings/ ism/2022/submissions.cfm. The submission site will be open September 1 - October 7, 2022 (11:59 p.m. EDT).



GOOD TO KNOW



In case of emergency, messages may be left during registration hours by calling (202) 249-4005. We will attempt to contact the registrant using the contact information provided in their registration.



Please contact a staff member at the Help Desk in the registration area if you have a disability that may impede your participation.



CHILD CARE

Kiddie Corp is the official child care provider for JSM 2022. Arrangements should have been made in advance. Please contact Kiddie Corp at (858) 455-1718 or info@kiddiecorp.com for any questions or possible availability.

POLICIES

Electronic Devices

All cell phones, pagers, and other electronic devices should be silenced before attending any session or meeting.

Smoking/Vaping

Smoking is not permitted at any JSM function, unless the event is held outside.

Sustainability/Recycling

The "Know the Code" color-coded recycling and waste minimization program has helped the convention center take the lead on extensive recycling initiatives and effectively employing environmentally responsible products. Through a PepsiCo partnership, PepsiCo's recycling "dream machines" were installed surrounding the center to encourage beverage container recycling rates.

The convention center partners with many local sustainable businesses-including DC Central Kitchen, Capital Area Food Bank, and the District of Columbia Department of Public Works—to recycle pallets left by decorators.

Activities Conduct Policy

As a professional society, the American Statistical Association is committed to providing an atmosphere that encourages the free expression and exchange of ideas. Consistent with this commitment, it is the policy of the ASA that all participants in ASA activities will enjoy a welcoming environment free from unlawful discrimination, harassment, and retaliation. All participants in ASA activities also agree to comply with all rules and conditions of the activities, which are subject to change without notice.

Please read the complete code of conduct at www.amstat.org/meetings/code-of-conduct.



CC = Walter E. Washington Convention Center M = Marriott Marquis Washington DC

REGISTRATION AND ASA MEMBERSHIP/ HELP DESK/ PRESS DESK

CC-East Salon

Saturday 7:30 a.m. – 6:00 p.m.

Sunday 7:30 a.m. – 8:30 p.m.

Monday – Tuesday 7:30 a.m. – 6:00 p.m.

Wednesday 7:30 a.m. – 4:30 p.m.

Thursday 7:30 a.m. – 10:30 a.m.

SPEAKER READY ROOM

Sponsored by AbbVie

CC-209



Sunday 9:00 a.m. – 7:00 p.m.

Monday – Wednesday 7:00 a.m. – 6:00 p.m.

Thursday 7:00 a.m. – 10:30 a.m.

CAREER SERVICE

CC-Hall E

Saturday 9:00 a.m. – 5:00 p.m.

(pre-registered attendee badge pickup and onsite registration only)

Sunday 1:00 p.m. – 6:00 p.m.

Monday – Tuesday 8:00 a.m. – 5:30 p.m.

Wednesday 8:00 a.m. – 2:30 p.m. (onsite registration closes at noon)

EXPO 2022 AND ASA STORE

CC-Hall D

Sunday

1:00 p.m. – 6:00 p.m. 8:30 p.m. – 10:30 p.m.

Monday – Tuesday 9:00 a.m. – 5:30 p.m.

Wednesday 9:00 a.m. – 2:30 p.m.

DESTINATION DC RESTAURANT & TOURISM INFORMATION CENTER

CC-Grand Lobby

Saturday – Wednesday 10:00 a.m. – 6:00 p.m.



SHARE JSM
Tag #JSM2022 and
@AmstatNews



NEW PRODUCTS AVAILABLE FOR JSM

Visit the ASA Store in the EXPO!

GOOD TO KNOW

JSM LUGGAGE STORAGE

CC-East Salon

Wednesday 8:00 a.m. - 6:30 p.m.

Thursday 8:00 a.m. - 1:00 p.m.



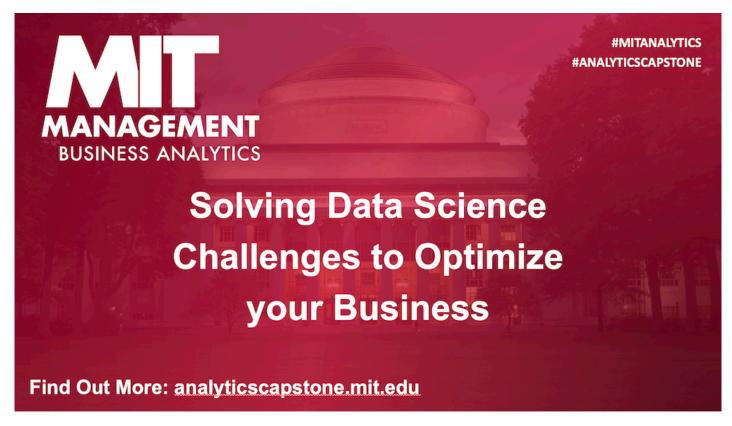
NEW MOTHERS

Lactation pods are available. Go to the Help Desk in the registration area for the locations and entry code.



FOOD CONCESSIONS

Looking for coffee, lunch, a snack? Why not head to **Uptown Dining District** (right outside Hall D) and grab something to eat before heading into the EXPO to check out the cutting-edge companies showcased on the exhibit floor.



FEATURED SPEAKERS

CC = Walter E. Washington Convention Center M = Marriott Marquis Washington DC

MONDAY



ASA PRESIDENT'S INVITED ADDRESS

Reginald DesRoches, Rice University

The Importance of Statistics in a Liberal Arts Education

4:00 p.m. • CC-Ballroom BC

TUESDAY

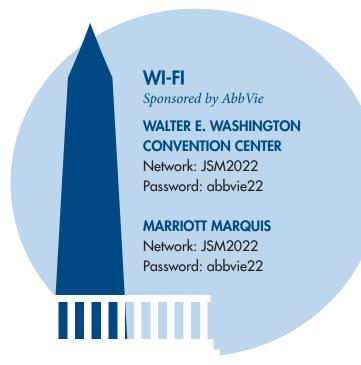


IMS MEDALLION LECTURE I

Dylan Small, University of Pennsylvania

Protocols for Observational Studies: Methods and Open Problems

8:30 g.m. • CC-202A





COPSS ELIZABETH L. SCOTT LECTURE

Madhu Mazumdar, Icahn School of Medicine at Mount Sinai

Biostatistical Methods and Team Science: Generating Evidence for Optimization of **Clinical Practice**

2:00 p.m. • CC-207A

FEATURED SPEAKERS

TUESDAY



ASA DEMING LECTURE

David L. Banks, Duke University

Deming and the Industries of Today

4:00 p.m. • CC-Ballroom BC



ASA PRESIDENT'S ADDRESS AND AWARDS

Katherine Ensor, Rice University

Celebrating Statistical Foundations Driving 21st-Century Innovation

8:00 p.m. • CC-Ballroom BC

WEDNESDAY



IMS MEDALLION LECTURE II

Huixia Judy Wang, The George Washington University

Extreme Conditional Quantiles

10:30 a.m. • CC-207A



COPSS DISTINGUISHED ACHIEVEMENT AWARD AND LECTURESHIP

Nancy Reid, University of Toronto

Likelihood and Its Discontents

4:00 p.m. • CC-Ballroom BC

Passion for Innovation. Compassion for Patients.™



VISIT BOOTH #212 TO LEARN MORE



modalities and innovative medicines by leveraging around the world.

With more than 100 years of scientific expertise, our 16,000 employees across 20 countries build on our legacy through ongoing research to create world-class medicines, pairing existing and new ideas to realize our 2030 Vision to become an Innovative Global Healthcare Company Contributing to the Sustainable Development of Society.

Daiichi Sankyo is primarily focused on developing novel therapies for people with cancer as well as other diseases with high unmet medical needs. Learn more at DaiichiSankyo.us.

INTRODUCTORY OVERVIEW LECTURES

Sunday, August 7, 4:00 p.m. • CC-207A

Session 36 - Computational Advertising

Monday, August 8, 8:30 a.m. • CC-207A

Session 81 - Sports Analytics: Step Up to the Plate

Tuesday, August 9, 8:30 a.m. • CC-207A

Session 215 - Interface Between Randomized Controlled Trials and Real-World Studies: Principle, Practice, and Perspective for Precision Medicine Development

Wednesday, August 10, 8:30 a.m. • CC-207A

Session 359 - Statistics and Networks: Looking Back and Looking Forward

LATE-BREAKING SESSIONS

Monday, August 8, 2:00 p.m. CC-207A

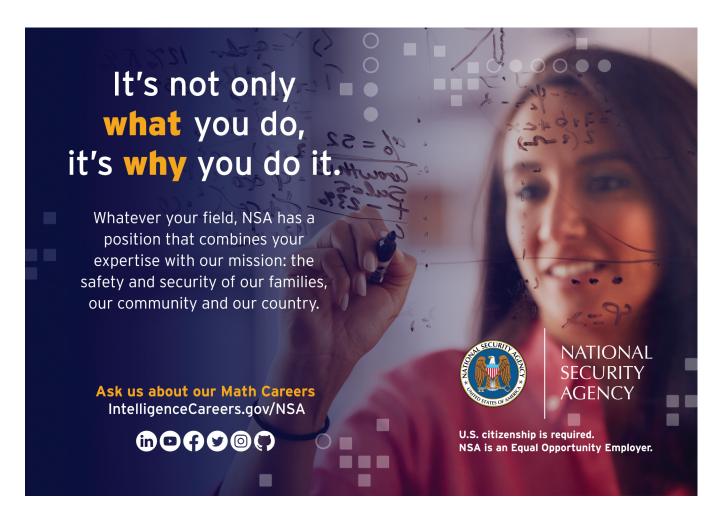
Session 171 - Accelerating Transparency in National **Statistics**

Tuesday, August 9, 10:30 a.m. CC-207A

Session 251 - Algorithmic Bias and Public Policy

CC = Walter E. Washington Convention Center

M = Marriott Marquis **Washington DC**



FEATURED EVENTS

CC = Walter E. Washington Convention Center M = Marriott Marquis Washington DC



FIRST-TIME ATTENDEE ORIENTATION **AND RECEPTION**

Sponsored by Novartis

Sunday, August 7 12:30 p.m. - 2:00 p.m.

CC-Ballroom Level South Prefunction

Join fellow first-timers at this orientation and reception to learn how to get involved in JSM.

JSM OPENING MIXER & INVITED POSTER SESSIONS

Sponsored by Eli Lilly & Company and Westat

Sunday, August 7 8:30 p.m. - 10:30 p.m.

CC-Hall D

All conference attendees are encouraged to come together for the kick-off social event of JSM.





JSM STUDENT MIXER

Sponsored by Two Sigma

Monday, August 8 6:00 p.m. - 8:00 p.m.

M-Independence Ballroom

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

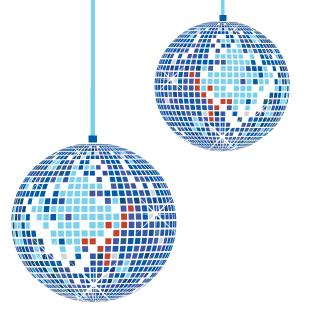
FEATURED EVENTS

JSM DANCE PARTY

Tuesday, August 9 9:30 p.m. - 12:00 a.m.

CC-Ballroom A

A fun highlight of JSM, the dance party is held right after the ASA President's Address and Awards. There are snacks, a cash bar, and music!





Enhance Your Career With an Online Master of Science in Biostatistics

- Same curriculum and faculty as our renowned on-campus program
- Study under faculty leaders in health-related scientific research including big data, clinical trials, study design, metabolomics, genomics and survival analysis
- >Offers flexibility to study at times and locations convenient to student
- Two degree concentrations available: Biostat. Methods and Practice & Health Data Science

Apply Now for Fall 2023!

biostat.ufl.edu/MSonline





Where is the best place to grab a treat and network with other attendees? Inside the JSM EXPO, of course! Join us for featured events throughout the week in the Spotlight area.



Sunday, August 7

1:00 P.M. **SPOTLIGHT DC KICK-OFF**

Swing by and kick off JSM with tasty gelato. Sample three flavors—vanilla bean, strawberry, and Stracciatellawhile getting your first look at the JSM EXPO.

3:30 P.M. **FRESH DONUTS**

Sweet tooth? Sample fresh, warm donuts in flavors such as strawberry glazed, Funfetti, milk chocolate, peanut, brown butter, vanilla bean glazed, and crème brûlée. Grab one or two (while supplies last) and mingle with other attendees.

SPOTLIGHT EVENTS

Monday, August 8

10:00 A.M. JSM COFFEE HOUSE

Refresh with a cup of freshly brewed coffee or a selection of teas.

11:00 A.M. JSM PHOTO BOOTH

Sponsored by Unlearn.AI

Swing by for snapshots with your friends using fun props.

1:30 P.M. POPCORN BREAK

Enjoy an afternoon pick-me-up with a warm bag of popcorn.

3:30 P.M. DC MICROBREW TASTING

Stop by to taste a variety of local area microbrews and cider (while supplies last).

Tuesday, August 9

10:00 A.M. JSM COFFEE HOUSE

Refresh with a cup of freshly brewed coffee or a selection of teas.

1:30 P.M. POPCORN BREAK

Enjoy an afternoon pick-me-up with a warm bag of popcorn.

3:30 P.M. SAMPLE NORTHERN VIRGINIA WINES

Virginia has wine? Who knew? Don't miss this chance to taste them (while supplies last).

Wednesday, July 10

10:00 A.M. JSM COFFEE HOUSE

Refresh with a cup of freshly brewed coffee or a selection of teas



Head over to CC-301 for quiet reflection time.

Sponsored by Meta

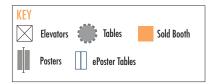






EXHIBIT HALL

AAAS 210	International Statistical
Abt Associates 408	Institute 202
Addinsoft XLSTAT 301	JMP Statistical Discovery 219
American Statistical	K3-Innovations 508
Association 607, 609, 611	Lumbrita 620
ASA Store 612, 711	Mayo Clinic 419
AstraZeneca 333	Merck 211
Bayesic Technologies 217	Meta206
Berry Consultants 412	Minitab 307
Bureau of Labor	MIT 618
Statistics	Mitre Corporation 601
Bureau of Transportation Statistics 410	National Assessment of Educational Progress 622
Cambridge University Press 402, 404	National Center for Health Statistics, CDC112
Carnegie Mellon University Software Engineering Institute 118	National Center for Science and Engineering Statistics
Circuit Breaker Labs 320	National Science
Cytel 208	Foundation 221, 223, 225
Daiichi Sankyo 212	National Security Agency . 406
FDA, Center for Drug Evaluation	nQuery/StatSol 506
and Research120	Otsuka Pharmaceutical 628
Hawkes Learning 603	Penfield Search Partners 504
Innovativ Statistics 309	The Pennsylvania State
Insilicom 420	University 512
Institute for Mathematical and Statistical Innovation . 605	Plat AI
Institute of Mathematical Statistics 610	Project Euclid 511

RTI International 502
Sandia National Labs 232
SIAM417
Softlytics 318
Springer709
StataCorp
SSC719
The Lotus Group 311
The Sensible Code Company 331
US Census Bureau 517, 519
University of Florida 509
University of Kansas, Dept. of Biostatistics &
Data Science 510
Unlearn.ai209
VTEX303
Westat 418
YouTube

FOOD CONCESSIONS

Looking for coffee, lunch, a snack?
Why not head to **Uptown Dining District** (right outside Hall D)
and grab something to eat before heading into the EXPO to check out the cutting-edge companies showcased on the exhibit floor.

JSM CAREER SERVICE

Would you like to explore career opportunities with top statistical employers? The JSM Career Service, located in Hall D of the Walter E. Washington Convention Center, will give you the opportunity to research job postings and contact employers. Access is for registered applicants and employers only, and interviews are by appointment.

> Not already registered? Visit the main JSM registration area and ask to add the Career Service to your registration.

ASA Student Member	\$75
Student Nonmember	\$100
ASA Member	\$150
Nonmember	\$225

Executive Suite Employers







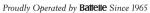
Carnegie Mellon University Software Engineering Institute





HHS/FDA/CTP/OS/STATS













Career Service at 15 12 22

HALL E | WALTER E. WASHINGTON CONVENTION CENTER

INTERVIEW BOOTHS EXECUTIVE SUITES 30 29 28 27 26 25 24 23 20 21 18 14 | 13 **EMPLOYER WAITING AREA APPLICANT WAITING AREA** • CAREER **SERVICE CHECK-IN**

* = Executive Suite Employer

EXECUTIVE SUITE& BOOTH ASSIGNMENTS

AbbVie*	. 7
Analysis Group	51
Apple Inc.*	
Astellas	
AstraZeneca	
Bank of America	
BeiGene	
Biogen*	
Boehringer Ingelheim* 14,	
Bristol Myers Squibb	
Carnegie Mellon University Softwa	
Cincinnati Children's Hospital	
Engineering Institute*	
Edwards Life Sciences	
Emmes	
Engineering Institute*	
Eli Lilly and Company* 1, 1	
Exponent	
•	
FM Global	
Horizon Therapeutics*	
Illumina	OU
Institute for Defense	
Analyses	
JP Morgan Chase* 16,	
Lubrizol	
Mayo Clinic	52
Merck	
Merck Metropolitan State	71
Merck Metropolitan State U of Denver	71
Merck	71 62
Merck	71 62 61
Merck	71 62 61 69
Merck Metropolitan State U of Denver National Security Agency Novartis PHASTAR*	71 62 61 69
Merck Metropolitan State U of Denver National Security Agency Novartis PHASTAR* PNNL*	71 62 61 69 . 5
Merck Metropolitan State U of Denver National Security Agency Novartis PHASTAR* PNNL* RTI International	71 62 61 69 . 5 . 4
Merck Metropolitan State U of Denver National Security Agency Novartis PHASTAR* PNNL* RTI International SANOFI	71 62 61 69 . 5 . 4 68 49
Merck Metropolitan State U of Denver National Security Agency Novartis PHASTAR* PNNL* RTI International SANOFI Sandia National Laboratories*	71 62 61 69 . 5 . 4 68 49 12
Metropolitan State U of Denver	71 62 61 69 . 5 . 4 68 49 12
Metropolitan State U of Denver	71 62 61 69 . 4 68 49 12 . 3
Metropolitan State U of Denver	71 62 61 69 . 4 68 49 12 . 3
Metropolitan State U of Denver	71 62 61 69 . 5 . 4 68 49 12 . 3
Merck Metropolitan State U of Denver National Security Agency Novartis PHASTAR* PNNL* RTI International SANOFI Sandia National Laboratories* StataCorp* Stevens Capital Management LP	71 62 61 69 . 5 . 4 68 49 12 . 3
Merck Metropolitan State U of Denver National Security Agency Agency Novartis PHASTAR* PNNL* RTI International SANOFI Sandia National Laboratories* StataCorp* Stevens Capital Management LP US Census Bureau	71 62 61 69 . 5 . 4 68 49 12 . 3
Metropolitan State U of Denver National Security Agency	71 62 61 69 . 5 . 4 68 49 12 . 3 64 48
Metropolitan State U of Denver National Security Agency 60, Novartis PHASTAR* PNNL* RTI International SANOFI Sandia National Laboratories* StataCorp* Stevens Capital Management LP US Census Bureau US Food and Drug Administration*	71 62 61 69 . 5 . 4 68 49 12 . 3 64 48
Merck Metropolitan State U of Denver National Security Agency Agency Novartis PHASTAR* PNNL* RTI International SANOFI Sandia National Laboratories* StataCorp* Stevens Capital Management LP US Census Bureau US Food and Drug Administration* US Food and Drug Administration, CDER* US Food and Drug	71 62 61 69 . 5 . 4 68 49 12 . 3 64 48 6
Merck Metropolitan State U of Denver National Security Agency Agency Novartis PHASTAR* PNNL* RTI International SANOFI Sandia National Laboratories* StataCorp* Stevens Capital Management LP US Census Bureau US Food and Drug Administration* US Food and Drug Administration, CDER* US Food and Drug	71 62 61 69 . 5 . 4 68 49 12 . 3 64 48 6
Merck Metropolitan State U of Denver National Security Agency Movartis PHASTAR* PNNL* RTI International SANOFI Sandia National Laboratories* StataCorp* Stevens Capital Management LP US Census Bureau US Food and Drug Administration* US Food and Drug Administration, CDER*	71 62 61 69 . 5 . 4 68 49 12 . 3 64 48 6
Merck Metropolitan State U of Denver National Security Agency Agency Novartis PHASTAR* PNNL* RTI International SANOFI Sandia National Laboratories* Stevens Capital Management LP US Census Bureau US Food and Drug Administration* US Food and Drug Administration, CDER* US Food and Drug Administration, CDER* US Food and Drug Administration, CTP*	71 62 61 69 . 5 . 4 68 49 12 . 3 64 48 . 6
Metropolitan State U of Denver National Security Agency 60, 60 Novartis PHASTAR* PNNL* RTI International SANOFI Sandia National Laboratories* StataCorp* Stevens Capital Management LP US Census Bureau US Food and Drug Administration* US Food and Drug Administration, CDER* US Food and Drug Administration, CTP* United Network for	71 62 61 69 . 5 . 4 68 49 12 . 3 64 48 6
Merck Metropolitan State U of Denver National Security Agency Agency Movartis PHASTAR* PNNL* RTI International SANOFI Sandia National Laboratories* StataCorp* Stevens Capital Management LP US Census Bureau US Food and Drug Administration* US Food and Drug Administration, CDER* US Food and Drug Administration, CTP* United Network for Organ Sharing	71 62 61 69 . 5 . 4 68 12 . 3 64 48 . 6 . 9 13 79
Merck Metropolitan State U of Denver National Security Agency Movartis PHASTAR* PNNL* RTI International SANOFI Sandia National Laboratories* StataCorp* Stevens Capital Management LP US Census Bureau US Food and Drug Administration* US Food and Drug Administration, CDER* US Food and Drug Administration, CTP* United Network for Organ Sharing Unlearn	71 62 61 69 . 5 . 4 68 49 12 . 3 64 48 . 6 . 9 13 76 11

PROFESSIONAL DEVELOPMENT



The Professional Development program at JSM offers more than 30 short courses and workshops on topics such as big data, clinical trials, statistical computing, and soft skills. Titles, instructors, descriptions, and schedules are available on the JSM app and conference program at ww2.amstat. org/meetings/jsm/2022/onlineprogram.

All Professional Development offerings are at the Walter E. Washington Convention Center. Most require an additional fee.

To add a course or workshop, go to the main registration desk found in the East Salon of the convention center.



ROUNDTABLES

Looking for something to do for breakfast or lunch? Want a less formal presentation and a way to meet new people? A JSM roundtable discussion might be right for you.

Look through the options in the JSM conference program or app and check with JSM registration for availability.

There are also four Speaker with Lunch sessions to choose from:



Sunday, August 7, 12:30 p.m. – 1:50 p.m.

SPAIG Committee Speaker with Lunch (Added Fee)

A Framework for Scientific Integrity in Statistical Context

Christopher Marcum, White House Office of Science
and Technology Policy



Monday, August 8, 12:30 p.m. – 1:50 p.m.

Section on Statistics in Sports Speaker with Lunch (Added Fee)

A Review of Causal Inference in Sports

Katherine Evans, Monumental Basketball



Tuesday, August 9, 12:30 p.m. – 1:50 p.m.

Economic Outlook Luncheon (Added Fee)

Supply Chains: What We Know and What We Wish We Knew

Susan Helper, Case Western Reserve University



Wednesday, August 10, 12:30 p.m. – 1:50 p.m.

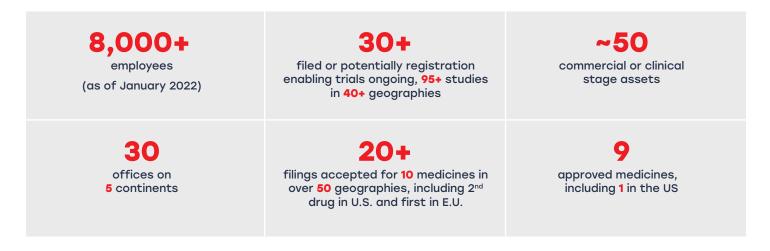
Health Policy Statistics Section Speaker with Lunch (Added Fee)

The Need for, and Challenges of, Policy Evaluation During the COVID-19 Pandemic

Elizabeth Stuart, Johns Hopkins University



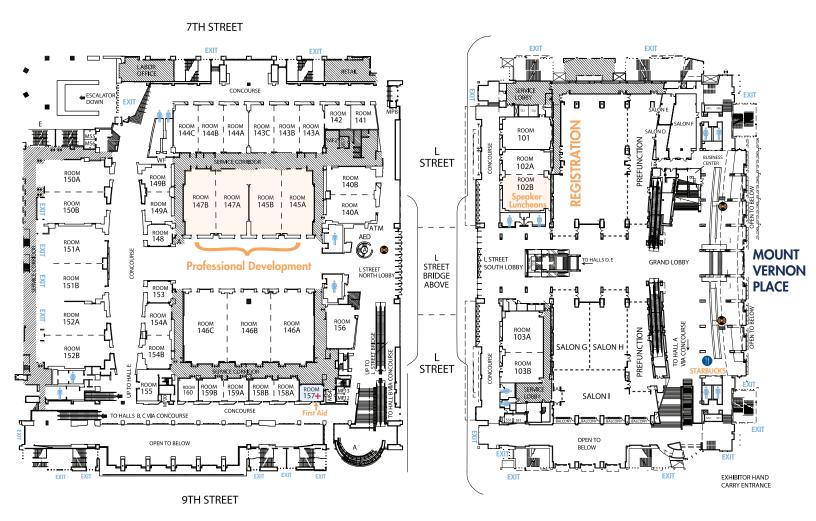
Our mission is patients first through science and affordability. To help transform the biotechnology industry, creating impactful medicines that will be affordable and accessible to far more cancer patients around the world through science and business innovation.



Website: BeiGene.com **Twitter:** @BeiGeneGlobal LinkedIn: linkedin.com/company/beigene





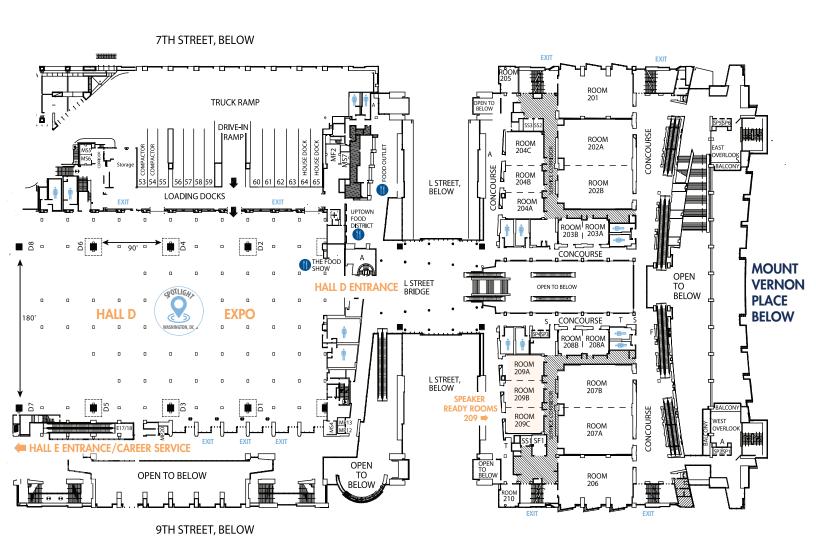


Community and committee tables span the corridors between rooms 140–160.



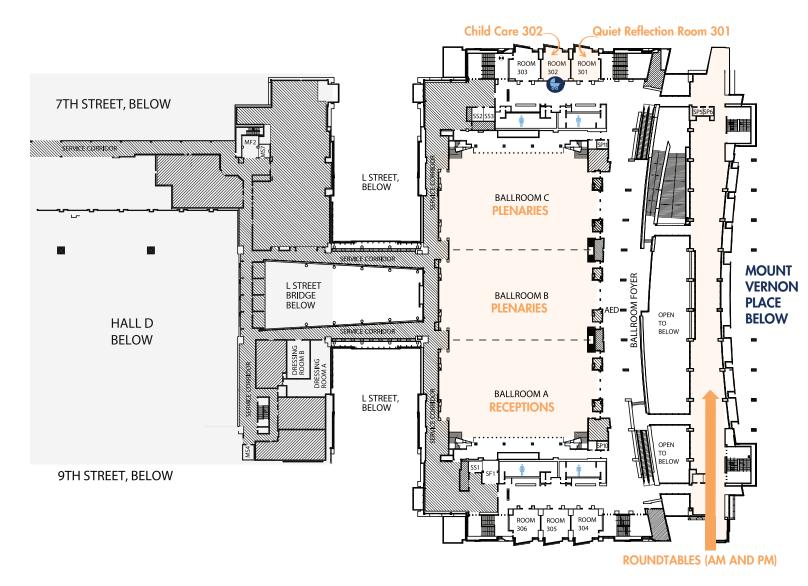
WALTER E. WASHINGTON CONVENTION CENTER LEVEL 2





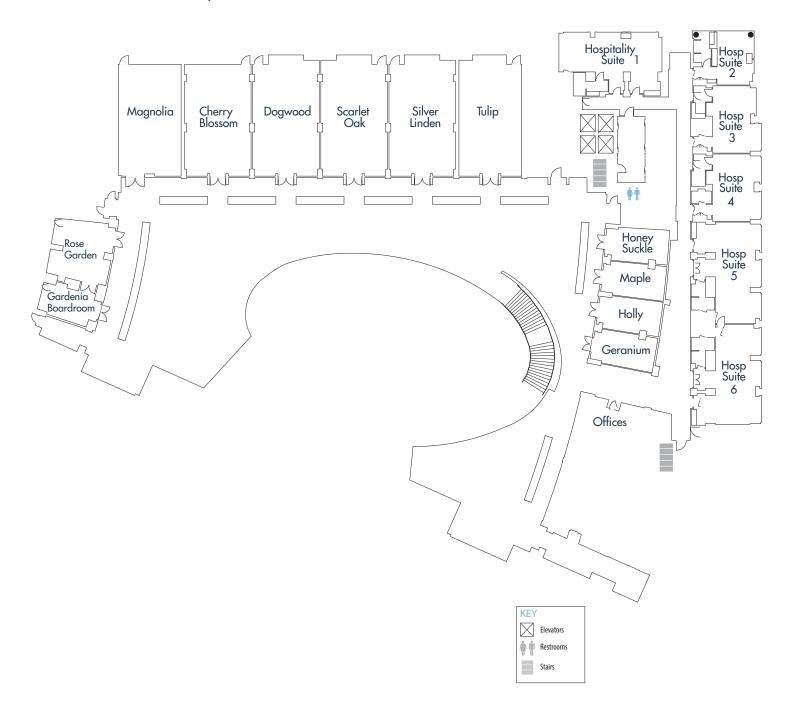






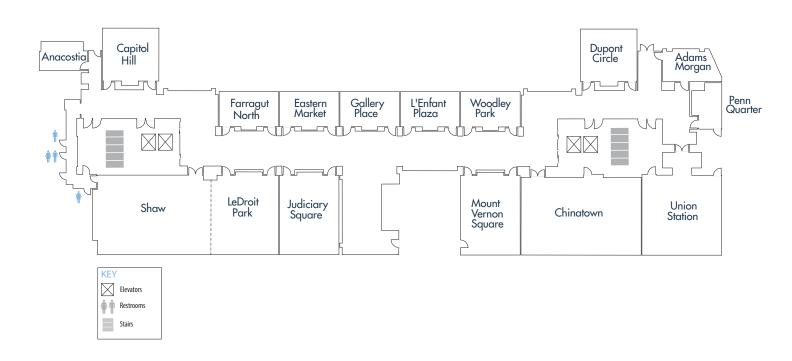


MEZZANINE | 2nd floor



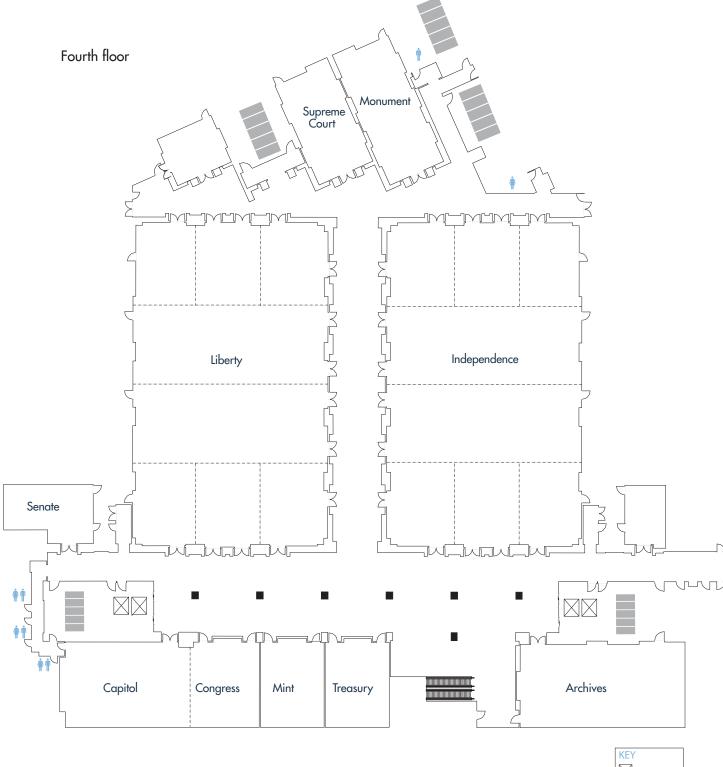


Third floor





MARRIOTT MARQUIS WASHINGTON, DC



What are your big goals for JSM 2022?

Write them down here and think about how the sessions and events you attend can help you achieve them.

Tools and insights I don't want to forget:

Take good notes about the best ideas you hear at JSM. You'll be glad you did when you get home and are reflecting on how to put your JSM experience to work.

Connect with these people:

Say hello to speakers and fellow attendees, then write down who you plan to follow up with and why so you can take action later!

At Otsuka, our purpose is to defy limitation, so that others can too.

We have an unwavering belief in going above and beyond—under any circumstances—for patients, families, providers, and each other. This deep-rooted dedication drives us to uncover answers to complex, underserved medical needs, so that patients can push past the limitations of their disease and achieve more than they thought was possible.

Using our analytical expertise through Biostatistics and Data Science and our passion for drug development, we advance clinical research and bring innovative medicines and better products that promote health and wellbeing worldwide.







SAS° WAS CREATED BY THE CURIOUS, FOR THE CURIOUS.

Our comprehensive and scalable statistical analytics software is unmatched in the industry. From traditional statistical analysis of variance and predictive modeling to exact methods and statistical visualization techniques, SAS/STAT* software on SAS* Viya* is designed for both specialized and enterprisewide analytics.

Explore the latest training and documentation at support.sas.com/stat.

