

ACTStat Annual Meeting

*Westin Boston Seaport District
425 Summer St, Boston, MA 02210*

Room: W-Grand Ballroom Section B (August 1st & 2nd)

Saturday, August 1st, 2026

Day 1 Program - First Part

8:00 AM – 8:30 AM

**Check In / Registration
Breakfast**

8:30 AM – 8:35 AM

Dandan Liu

(Vanderbilt University Medical Center)

Welcoming Remarks

8:35 AM – 9:35 AM

Miguel Hernán

(Harvard University)

**Causal Estimands for Clinical and
Regulatory Decision Making
(Keynote)**

Organizer: Dandan Liu

9:35 AM – 9:50 AM

Break

9:50 AM – 10:25 AM

Leah Welty

(Northwestern University)

**Advancing Collaborative and
Reproducible Research**

Organizers: Dandan Liu

10:25 AM – 10:30 AM

Break

10:30 AM – 12:00 PM

**Novel Application of Data Science,
Machine Learning and AI**

Organizer: Jamie Doyle, Minjae Lee, & Jake Schauer

Abdus Sattar

(Case Western Reserve University)

Miko Wieczorek (Mayo Clinic)

Reid Dale (Stanford University)

- Analyzing An Early Phase Randomized Controlled Clinical Trial Using Generative AI
- Quantum Machine Learning in Brain Computer Interfaces
- Data Gluttony: Large Scale Inferential Risk Management for Commonly Used Datasets

12:00 PM – 1:15 PM

Lunch

ACTStat Annual Meeting

Saturday, August 1st, 2026

Day 1 Program - Second Part

1:15 PM – 1:35 PM

Kristen McQuerry

(University of Kentucky)

Cathie Spino (University of Michigan)

Kelsey Karnik (University of Kentucky)

Jodi Lapidus

(Oregon Health & Science University)

Joe Rigdon (Wake Forest University)

Gina-Maria Pomman (Duke University)

1:35 PM – 1:45 AM

1:45 PM – 2:25 PM

Mingzhao Hu (Mayo Clinic)

2:25 PM – 2:35 PM

2:35 PM – 3:35 PM

Manisha Desai (Stanford University)

Dandan Liu

(Vanderbilt University Medical Center)

Felicity Enders (Mayo Clinic)

Nichole Carlson

(Colorado School of Public Health)

3:35 PM – 3:50 PM

Three-Minutes Speed Talks

Organizer: Emily Slade

- Rethinking Team Science Metrics through Collaborative Guideposts
- UNICORN / ACTSTAT / BERD Council of Councils Update
- AI Use Discussion Guide for Research Teams
- Who Counts in Translational Data?
- Engaging Patients in Developing New Statistical Methods
- The Quantitative Team Science (QuanTS) Program

ACTStat Annual Business Meeting

Organizers: Heidi Spratt & Dandan Liu

Early Career Award

Organizer: Phillip Schulte

Absolute Risk in Alzheimer's Disease: A Hidden Markov Framework for Biological Severity, Death, and Dropout Bias

Break

From Co-I to Leader: Strategies for Growing Your Career Through PI- and MPI-Funded Grants (Panel Session)

Organizer: Maria Rath

Break

3:50 PM – 5:00PM

Kaleab Abebe (University of Pittsburg)

Dixie Ecklund (University of Iowa)

Denise Scholtens (Northwestern University)

Katie Colborn
(Colorado School of Public Health)

6:30 PM – 9:00 PM

Building a Sustainable Data Coordinating Center: A Blueprint for Institutions Starting from Scratch (Panel Session)

Organizer: Jake Schauer & Song Zhang

ACTStat Annual Dinner Penang Malaysian Cuisine

685 Washington St
Boston, MA 02116

ACTStat Annual Meeting

Sunday, August 2nd, 2026

Day 2 Program

8:00 AM – 8:30 AM

Breakfast

8:30 AM – 9:30 AM

Bhramar Mukherjee (Yale University)

Maximizing the Joint Likelihood of Scholarship and Leadership in Academic Biostatistics (Keynote)

Organizer: Dandan Liu

9:30 AM – 9:40 AM

Break

9:40 AM – 10:10 AM

Student Award Winner

Organizer: Alex Kaiser

Maliha Mitu (University of Kentucky)

Evaluating Missing Data Strategies for Interpretable Machine Learning in EHR-Based Prediction of Colorectal Cancer Screening

10:10 AM – 10:20 AM

Break

10:20 AM – 11:20PM

Collaborating with Informatician (Breakout Session)

Organizer: Sarah Schmiede & Miko Wiecek

11:20 AM – 11:30 AM

Break

11:30 AM – 12:30PM

QSN: Professional Development for collaborative statisticians in the age of AI

Organizer: Mary Dupuis Sammel & Alex Hanlon

Marcus Waldman
(Colorado School of Public Health)

- The Human in the Loop: Evolving Roles for Collaborative Statisticians in an AI-Driven World

Alicia Lozano (Virginia Tech)

- Help! The AI Cleaned My Data: Examining Collaborative Data Quality, Wrangling, and Analysis with LLMs and Scripting Languages

Tony Mangino (University of Kentucky)

- Working Effectively *with* AI