2027 Biostatistics Symposium of Southern California

From Data to Decisions: Driving Innovation Through AI, Analytics, and Insights.

February 24–25, 2027 | **Renaissance Newport Beach Hotel**
Newport Beach, California

Post-Symposium Short Courses (Optional) | **February 26, 2027**

KEYNOTE SPEAKERS

Visionary leaders. Transformative ideas.

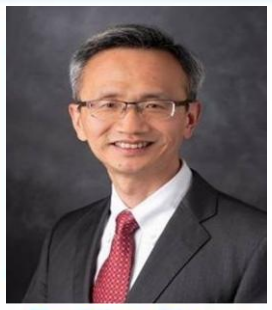


Dr. Jean Cui
CEO
BlossomHill Therapeutics



Dr. May Mo
AVP, Amgen

Building an Innovation Engine: Transforming Drug Development Through Design & Innovation



Dr. Ying Yuan
MD Anderson Cancer Center

From Data to Decisions: Unlocking the Power of Bayesian Methods in Drug Development



Dr. Li Wang
Chief AI and Scientific Officer
Cytel

Statistical Challenges and Opportunities in AI Agentic Era

SCIENTIFIC PROGRAM TRACKS

Three tracks. Diverse perspectives. One goal: better health.

CLINICAL & STATISTICS TRACK

Covering medical devices, diagnostics and drug development.

- AI-enabled trial designs and analyses
- Real-world evidence (RWE)
- Bayesian adaptive designs and data borrowing
- Leveraging multi-source evidence for development decisions
- Statistical considerations in cell and gene therapy development

DATA SCIENCE TRACK

Bridging data, technology and impact.

- AI-enabled trial designs
- AI solutions in next-generation clinical data operations
- Regulatory and ethical perspectives on AI use
- Real-world AI use cases across the drug development lifecycle

ACADEMIC TRACK

From research to real-world impact.

- Academia-industry collaboration
- AI for statistical methods and analyses
- Multi-omics for translational research
- Preclinical and clinical statistical considerations
- Bayesian methods in biomedical research
- Statistical learning in the AI era

POST SYMPOSIUM SHORT COURSES (OPTIONAL)

Deepen your expertise. Gain practical insights.

1 From Expert to Enterprise Leader: Framing Strategic Messages That Move Decisions

Instructors:
Dr. Chito Hernandez
CEO, Stillwave / Professor of Practice, UCSD
Dr. Serene Sun
Principal Statistician, J&J

2 AI-Powered Real-World Evidence for Pharma—from Data to Regulatory and Market Access Decisions

Instructor:
Dr. Yong Chen
Professor of Biostatistics and Biomedical Informatics, University of Pennsylvania Perelman School of Medicine

3 Causal generalist medical AI: turning scattered evidence into causal knowledge and clinical action

Instructor:
Dr. Hongtu Zhu
Kenan Distinguished Professor, University of North Carolina at Chapel Hill

Registration now open —
visit http://biostatsymposium.org