

Eighty First (81st) Annual Deming Conference on Applied Statistics
Tropicana Casino and Resort, Havana Tower, Atlantic City, NJ
Sponsored by the Biopharmaceutical Section of the ASA and the Deming Conference Organization

Sunday December 6, 2026 Registration and Reception: 6:00 ⇒ 7:30 PM

Monday December 7, 2026 Registration: 7:00 ⇒ 8:00 AM and Hot Breakfast 7:00 ⇒ 7:50 AM

December 7, 8:00 ⇒ 9:00 AM Keynote: Statistics and AI Capabilities in Accelerating Drug Development, Pandurang M Kulkarni, Eli Lilly
Moderator: Ivan F. Chan

Session A Towards an AI-First Workflow for Clinical Development and its Analysis and Reporting Yilong Zhang, Meta, and Pingye (Eric) Zhang, Eikon Therapeutics Moderator: Bill wang	Session B LLM-assisted RWE analysis in R Garrett Grolemond, Posit, Phil Bowsher, Posit, and Esteban Jenkins, Organon Moderator: Wenjin Wang
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Lunch (On Your Own) 12:00 ⇒ 2:00 PM

Session C ♣ Opportunities and Challenges in the AI Age: Concrete Examples from Statistics, Science, and Beyond Mark Chang and Niya Xiong, Boston University Moderator: Din Chen	Session D ♣ Selected Topics of Statistics in Clinical Drug Development: A Statistical and Regulatory Perspective Dacheng Liu, Boehringer Ingelheim Moderator: Naitee Ting
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7:00 PM Speaker's and Awards Dinner (Optional Added Fee Event)

Tuesday December 8, 2026 Registration: 7:00 ⇒ 8:00 AM and Hot Breakfast 7:00 ⇒ 7:50 AM

December 8, 8:00 ⇒ 9:00 AM: Keynote: From Real-World Data to Regulatory-Grade Evidence: What Statisticians Need to Know About External Controls in Oncology, Jonathan Kish, Flatiron
Moderator: Sofia Paul

Session E ♣ Navigating the Complexities of Platform Trials: Design and Simulation Kyle Wathen, Cytel Inc Moderator: Jingjing Ye	Session F ♣ Statistical Issues in the Development of Response Biomarkers for use in "First in Class" Clinical Development Scott Chasalow and James Rogers, Metrum Research Group. Moderator: Naitee Ting
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Lunch (On Your Own) 12:00 ⇒ 2:00 PM

Session G Responsible Use of AI for Decision-Making in Drug Development Tarek Hammad, Jianchang Lin, Takeda, and Judy Li, AstraZeneca Moderator: Kalyan Ghosh	Session H Evidence-Based Clinical Trial Design: When the Power of AI Meets Statistical Rigor Will Ma, HopeAI Moderator: Jerry Li
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Wednesday December 9, 2026 Registration: 7:00 ⇒ 8:00 AM and Hot Breakfast 7:00 ⇒ 7:50 AM

December 9, 8:00 ⇒ 9:00 AM: Keynote: Bayesian Adaptive Clinical Trials: From Bandit Problems to Real-World Innovation, Prof. Don Barry, MDACC
Moderator: Bill Wang

Session I ♣ Master Protocol Trials: From Strategic Consideration to Real Case Implementation Don Berry, MDACC, Ruixiao Lu, Alumis, and Cindy Lu, AZ Moderator: Jingjing Ye	Session J ♣ Adaptive Designs in Clinical Trials Vlad Dragalin, J&J Moderator: Ivan S. F. Chan
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Lunch (On Your Own) 12:00 ⇒ 2:00 PM

Session K Digital Pathology and AI: Building the Next Generation of Biomarker Discovery Talia Muram, Zhaohua Lu, and Li Liu, Daiichi Sankyo Inc. Moderator: Li-An Xu	Session L From Exploratory to Confirmatory: Designing and Executing Master Protocol for Meaningful Decision-Making Robert Beckman, Georgetown University, and Cong Chen, Merck & Co., Inc. Moderator: Bill Wang
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Thursday December 10, 2026 Registration: 7:00 ⇒ 8:00 AM and Hot Breakfast: 7:00 ⇒ 7:50 AM

Short Course 8:00⇒9:30 Lecture / 9:30⇒9:50 Break / 9:50⇒11:20 Lecture / 11:20⇒12:40 Lunch on Your Own / 12:40⇒2:10 Lecture / 2:10⇒2:30 Break / 2:30⇒4:00 Lecture / 4:00⇒4:20 Break / 4:20⇒5:00 Lecture

Master Protocol Clinical Trials for Evidence Generation 📖 Don Berry, MDACC, Ruixiao Lu, Alumis, Cindy Lu, AstraZeneca, and Jingjing Ye, BeOne Moderator: Bill Wang	Clinical Trials in the Era of Real-World Evidence 📖 Jie Chen, Taimei Intelligence, Naitee Ting, Veramed, and Feinan Lu, IMPACT Therapeutics Moderator: Alfred Balch
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Friday December 11, 2026 Hot Breakfast: 7:00 ⇒ 7:50 AM

Short Course (Continued) 8:00 - 9:30 Lecture / 9:30 - 9:50 Break / 9:50 - 11:20 Lecture / 11:20 - 11:40 Break / 11:40 - 1:10 Lecture

All tutorial and short course titles, presenters and moderators from 1970 onwards are on www.demingconference.org

📖 Session is based on a recently published text that is available either for a discounted price or is included in the price of the short course registration

♣ Sessions will have their breaks extended by 15 minutes for Poster Presentations