
Event Agenda

SMDM 47th Annual Meeting

Sunday, June 15, 2025

8:00 AM - 6:00 PM	Registration Open Location: IdeaHub
8:00 AM - 8:00 PM	Nursing Parents Room Location: Lactation Room
8:00 AM - 8:30 AM	Bag Drop Location: Tappan
9:00 AM - 12:30 PM	Short Course: Act the expert! Improvisational games to boost your scientific presentation skills Location: Kuenzel Speakers: Brian Zikmund-Fisher, Brittany Batell, Daniel Matlock
9:00 AM - 12:30 PM	Short Course: An Introduction to Research Prioritization and Study Design Using Value of Information Analysis Location: Pond Speakers: Jeremy Goldhaber-Fiebert, Fernando Alarid-Escudero
9:00 AM - 12:30 PM	Short Course: Advanced Discrete-Event Simulations in R Location: Parker Speakers: Thomas Trikalinos, Fernando Alarid-Escudero, Yuliia Sereda, Stavroula Chrysanthopoulou
9:00 AM - 12:30 PM	Short Course: Causal Diagrams, Target Trial Emulation and Causal Inference for Modeling and Medical Decision Making Location: 2210A Speaker: Uwe Siebert
12:30 PM - 2:00 PM	Speed Mentoring Lunch Location: Pendleton
2:00 PM - 5:30 PM	Short Course: Improv-ing Shared Decision-Making: Skills for Complex Communication in Goals-of-Care Conversations Location: Kuenzel Speakers: Brittany Batell, Stephanie Kukora
2:00 PM - 5:30 PM	Short Course: Advanced Computation of Value of Information Measure to Determine Optimal Research Design Location: Wolverine Speakers: Jeremy Goldhaber-Fiebert, Fernando Alarid-Escudero
2:00 PM - 5:30 PM	Short Course: Using surveys with experimental designs in bioethics and health policy research Location: Pond Speakers: John Bridges, Natalie Smith
2:30 PM - 3:30 PM	Navigating the Academic Job Market Location: Anderson ABCD Speakers: Angie Fagerlin, Tran Doan, Rebecca Bilden, Matthew Kaufmann
4:00 PM - 5:30 PM	Concrete Steps towards Equitable Science in 2025 and Beyond (An Advocates for Equity Event) Location: Anderson ABCD Speakers: Alan Schwartz, Ellen Lipstein, Ellen Engelhardt, Tran Doan

5:30 PM - 6:00 PM	New Member Reception Location: 2210ABC
6:00 PM - 7:30 PM	Welcome Reception Location: Rogel Ballroom
6:00 PM - 7:30 PM	Sunday Poster Session Location: Rogel Ballroom
8:00 PM - 9:30 PM	Mid-Career Meetup Location: Jolly Pumpkin Speakers: Katie Martinez, Christine Gunn
8:00 PM - 9:30 PM	Improv: Whose Decision is it Anyway? Location: Anderson ABCD Speakers: Brian Zikmund-Fisher, Brittany Batell, Daniel Matlock, Stephanie Kukora

Monday, June 16, 2025

7:30 AM - 9:00 AM	Continental Breakfast Location: Rogel Ballroom
7:30 AM - 11:30 PM	Bag Drop Location: Tappan
7:45 AM - 8:45 AM	International Reception Location: IdeaHub
7:45 AM - 8:45 AM	SIG Preference Measurement Location: 2210ABC
7:45 AM - 8:45 AM	SIG DSCCo (Decision Sciences for Child Health Collaborative) Location: Pond
7:45 AM - 8:45 AM	SIG Decision Psychology Location: Parker
8:00 AM - 2:00 PM	Registration Open Location: IdeaHub
8:00 AM - 8:00 PM	Nursing Parents Room Location: Lactation Room
9:00 AM - 10:15 AM	Was that a good decision? Contrasting perspectives on how to judge the quality of a medical decision Location: Pendleton Speakers: Karen Sepucha, Andrew Vickers, Peter Schwartz, Ellen Lipstein

9:00 AM - 10:15 AM

Advancing Healthcare Decision-Making

Location: Kuenzel

Modeling therapy sequence for advanced cancer: A microsimulation approach leveraging Electronic Health Record data

9:00 AM - 9:15 AM
Location: Kuenzel
Speaker: Elizabeth Handorf

Impact of transportability on value-of-information – case study of a clinical trial of a tuberculosis vaccine

9:15 AM - 9:30 AM
Location: Kuenzel
Speaker: Pamela Pei

Top Challenges with Using Models to Inform Decision-Making: Perspectives from Public Health

9:30 AM - 9:45 AM
Location: Kuenzel
Speaker: Margo Wheatley

How much do allocative efficiency analyses change by using well-being-adjusted life-years rather than quality-adjusted life-years?

9:45 AM - 10:00 AM
Location: Kuenzel
Speaker: Yao-Rui Yeo

Complexity without the Hassle: An Open-source Discrete-Event Simulation of State-transition Models in Continuous Time

10:00 AM - 10:15 AM
Location: Kuenzel
Speaker: Mauricio Lopez-Mendez

9:00 AM - 10:15 AM

Public Health Messaging and Modeling

Location: Anderson ABCD

Women’s reactions to the United States Preventive Services Task Force 2024 mammography guideline: A qualitative study

9:00 AM - 9:15 AM
Location: Anderson ABCD
Speaker: Tamar Parmet

Preferences of US adults with a self-reported antibiotic allergy towards delabeling efforts.

9:15 AM - 9:30 AM
Location: Anderson ABCD
Speaker: Alistair Thorpe

Leveraging Community-Level Data for Tailored Opioid Intervention: The Opioid Policy Simulator

9:30 AM - 9:45 AM
Location: Anderson ABCD
Speaker: Mert Sahinkoc

A Novel Simulation Model of Pediatric Depression Treatment – Clinical Benefits and Cost-Effectiveness of Collaborative Care

9:45 AM - 10:00 AM
Location: Anderson ABCD
Speakers: Shuting Yang, Jessica Becker

Cost-Effectiveness Analysis of Increasing Cigarette Tax Considering Illicit Market and Secondhand Smoke in New York

10:00 AM - 10:15 AM
Location: Anderson ABCD
Speaker: You Zhou

10:15 AM - 10:45 AM

Break

10:45 AM - 12:00 PM

Building Trust Through Science Outreach: Engaging Broader Audiences

Location: Pendleton
Speakers: Katie Geary, Janet Panoch, Patty Spears, Robin Wright-Jones ; Moderators: Amy Cole, Ellen Engelhardt, Ashley Houston

10:45 AM - 12:00 PM

Analysis of Uncertainty

Location: Anderson ABCD

Estimating the individual and population impacts of potential miscalibration in Predicting Risk of Cardiovascular EVENTS (PREVENT)

10:45 AM - 11:00 AM

Location: Anderson ABCD

Speaker: Joshua Rager

Correcting Systematic Bias in Value-of-Information Analyses Due to Monte Carlo Errors in Microsimulation Models

11:00 AM - 11:15 AM

Location: Anderson ABCD

Speaker: Gary Qian

Decomposing Uncertainty of Cost-effectiveness: Shapley Effects for Sensitivity Analysis

11:15 AM - 11:30 AM

Location: Anderson ABCD

Speaker: Qiushi Chen

Accurate uncertainty quantification in Bayesian calibration accounting for correlated targets.

11:30 AM - 11:45 AM

Location: Anderson ABCD

Speaker: Fernando Alarid-Escudero

Understanding the implications of missing data in vital sign monitoring: A focus on home environments

11:45 AM - 12:00 PM

Location: Anderson ABCD

Speaker: Ilse Waanders

10:45 AM - 12:00 PM

Slithering choices and patient voices: Understanding patient preferences.

Location: Kuenzel

Attributes Influencing Snakebite Treatment-Seeking Behaviour in Ghana: A Qualitative Discrete Choice Study

10:45 AM - 11:00 AM

Location: Kuenzel

Speaker: Austin Gideon Adobasom-Anane

Incorporating equity and efficiency considerations in a preference-based value assessment

11:00 AM - 11:15 AM

Location: Kuenzel

Speaker: Mesfin Genie

Clinician Perspectives on Novel Patient Generated Health Data From Geriatrics Patients with Chronic Pain

11:15 AM - 11:30 AM

Location: Kuenzel

Speaker: Jorie Butler

Women’s evaluations of the 2024 USPSTF Breast Cancer Screening Guideline Change.

11:30 AM - 11:45 AM

Location: Kuenzel

Speaker: Laura Scherer

Risk perception, intentions, and communication about pregnancy in chronic kidney disease: a mixed methods study

11:45 AM - 12:00 PM

Location: Kuenzel

Speaker: Andrea Oliverio

12:00 PM - 12:30 PM

Lunch Pickup

Location: 2210ABC

12:15 PM - 1:30 PM

Monday Poster Session

Location: Rogel Ballroom

1:30 PM - 2:00 PM

Break (move buildings)

2:00 PM - 5:30 PM

Open for Registration Questions and Social Event Tickets

Location: Rackham Auditorium

2:00 PM - 2:30 PM

Presidential Address

Location: Rackham Auditorium

Speaker: Victoria Shaffer

2:30 PM - 3:30 PM	SMDM Awards Ceremony Location: Rackham Auditorium Speaker: Mark Bounthavong
3:30 PM - 4:15 PM	Lusted Elevator Pitches Location: Rackham Auditorium
4:15 PM - 4:45 PM	Break
4:45 PM - 6:15 PM	Keynote Speaker - Dr. Eneanya Location: Rackham Auditorium Speaker: Amaka Eneanya
6:30 PM - 10:00 PM	Social Event Location: Michigan Stadium - Jack Roth Stadium Club

Tuesday, June 17, 2025

7:30 AM - 9:00 AM	Continental Breakfast Location: Rogel Ballroom
7:30 AM - 11:30 PM	Bag Drop Location: Tappan
7:45 AM - 8:45 AM	SIG Open Source Models Location: 2210ABC
7:45 AM - 8:45 AM	SIG Q+ Affinity Group Location: Pond
7:45 AM - 8:45 AM	SIG Shared Decision Making Location: Wolverine
7:45 AM - 8:45 AM	SIG Dissemination and Implementation Location: Parker
8:00 AM - 6:00 PM	Registration Open Location: IdeaHub
8:00 AM - 8:00 PM	Nursing Parents Room Location: Lactation Room
9:00 AM - 10:15 AM	Pinch-Point Hazards: Ethics Consultation for Navigating Medical Decision Making in Highly Regulated Areas Location: Kuenzel Speakers: Janice Firn, Marin Arnolds, Emily Harlan, Samantha Chao, Farrah Madanay

9:00 AM - 10:15 AM

Advances in Methods of Decision Analysis

Location: Pendleton

A Simulation-Based Framework to Quantify and Decompose Long-Term Health Disparities

9:00 AM - 9:15 AM
Location: Pendleton
Speaker: Jinyi Zhu

Bayesian Multicriteria Decision Analysis Methods for Optimizing Multicomponent Interventions: The Effect of Value Function Misspecification

9:15 AM - 9:30 AM
Location: Pendleton
Speaker: Jillian Strayhorn

Borrowing information to assess heterogeneous treatment effects: implications for valuing representation in clinical trials

9:30 AM - 9:45 AM
Location: Pendleton
Speaker: Jenna Rogers

Using machine learning models to inform personalized, cost-effective treatment recommendations

9:45 AM - 10:00 AM
Location: Pendleton
Speaker: Mariana Neves

Simdemics: An Epidemiological State Transition Model Library

10:00 AM - 10:15 AM
Location: Pendleton
Speaker: Matthew Carroll

9:00 AM - 10:15 AM

Advancing decisions on cancer screening and treatment

Location: Anderson ABCD

Assessing Perceived Risk Before vs. After Provision of Personalized Breast Cancer Risk Information: Pilot Study

9:00 AM - 9:15 AM
Location: Anderson ABCD
Speaker: Ashley Houston

Exploring the Mismatch Between Preferred and Received Colorectal Cancer Screening Methods in Older Adults

9:15 AM - 9:30 AM
Location: Anderson ABCD
Speaker: Lotan Kraun

Mammography discussions: Do clinical encounters address women’s questions and priorities?

9:30 AM - 9:45 AM
Location: Anderson ABCD
Speaker: Laura Scherer

Choice of second-line treatments for small-bowel neuroendocrine neoplasms: Clinical decision analysis

9:45 AM - 10:00 AM
Location: Anderson ABCD
Speaker: Yuliia Sereda

Risk-Stratified Hepatocellular Carcinoma Surveillance Is More Cost-Effective Than One-Size-Fit-All Approach

10:00 AM - 10:15 AM
Location: Anderson ABCD
Speaker: Mert Sahinkoc

10:15 AM - 10:45 AM

Break

10:45 AM - 12:00 PM

Value, Ethics, and Misinformation

Location: Pendleton

Preferences of diverse US populations for the use of non- pharmaceutical interventions during pandemics

10:45 AM - 11:00 AM

Location: Pendleton

Willingness to Pay for a Quality Adjusted Life Year across Different Time Horizons: Direct Elicitation in Quebec

11:00 AM - 11:15 AM

Location: Pendleton

Speaker: Thomas Poder

Cost-effectiveness of 2-Dose HPV Vaccine for Girls in China's Immunization Program

11:15 AM - 11:30 AM

Location: Kuenzel

Speaker: Mengdi Ji

Health Workforce Productivity Index: Insights from a national assessment in Zimbabwe to optimise resource allocation

11:30 AM - 11:45 AM

Location: Pendleton

Speaker: James Avoka Asamani

Gist Plausibility and Trust in Artificial Intelligence Predict Susceptibility to Health Misinformation

11:45 AM - 12:00 PM

Location: Pendleton

Speaker: Valerie Reyna

10:45 AM - 12:00 PM

Screen Team Assemble: Supercharging cancer screening with advanced modeling

Location: Anderson ABCD

Understanding the Impact of Capacity Constraints for Breast Cancer Diagnostic and Treatment in Mexico

10:45 AM - 11:00 AM

Location: Anderson ABCD

Speaker: Melissa Franco-Galicia

Advancing breast cancer screening: Collaborative simulation modeling to compare risk-based screening approaches to age-based guidelines

11:00 AM - 11:15 AM

Location: Anderson ABCD

Speaker: Oguzhan Alagoz

Integrating non-smoking risk factors into ENGAGE: Impact of race/ethnicity on lung cancer screening schedules

11:15 AM - 11:30 AM

Location: Anderson ABCD

Speaker: Maryam Eghbalizarch

Age thresholds for hepatocellular carcinoma screening in patients with compensated cirrhosis: A cost-effectiveness analysis

11:30 AM - 11:45 AM

Location: Anderson ABCD

Speaker: Szu-Yu Zoe Kao

BRCA1 and BRCA2 genetic screening: evaluating cost-effectiveness and effects on racial health disparities

11:45 AM - 12:00 PM

Location: Anderson ABCD

Speaker: Kate Saylor

10:45 AM - 12:00 PM

Qualitative and mixed methods insights in Patient-centered Decision Making

Location: Kuenzel

Variability in older adults' preferences for life-sustaining treatments across the cognitive spectrum

10:45 AM - 11:00 AM

Location: Kuenzel

Speaker: Darin Zahuranec

Lessons learned from developing a patient roadmap for dementia

11:00 AM - 11:15 AM

Location: Kuenzel

Speaker: Caylyn Rich

Informed Consent Adventure: Proof-of-Concept Study on the Use of Gamification to Support Research Informed Consent

11:30 AM - 11:45 AM

Location: Kuenzel

Speaker: Rebecca Moultrie

Testing the implementation of brief SDM in primary care: Zeroing in on Patient-Centered Decisions (ZIP)

11:45 AM - 12:00 PM

Location: Kuenzel

Speaker: Tanner Caverly

12:00 PM - 12:30 PM

Lunch Pickup

Location: 2210ABC

12:15 PM - 1:15 PM

Lusted Poster Session

Location: Rogel Ballroom

1:15 PM - 1:30 PM

Break

1:30 PM - 2:45 PM

Equity Through Innovation: Advancements in Health Technologie Assessment Dealing with Equity Tradeoffs

Location: Anderson ABCD

Speakers: Beate Jahn, Klaas Kiesewetter, Woojung Lee, David Vanness

1:30 PM - 2:45 PM

Value-Based Decision Making

Location: Kuenzel

Optimal Allocation of HIV Prevention and Treatment Resources in US Prison Settings Using Metamodeling

1:30 PM - 1:45 PM

Location: Kuenzel

Speaker: Yhesaem Park

Developing a Large Language Model-Based Tool to Assess the Quality of Medical Decision Analysis Studies: A Proof-of-Concept

1:45 PM - 2:00 PM

Location: Kuenzel

Speaker: Chen Dun

Value of a trial on long-acting antiretroviral therapy for US persons with persistent HIV viremia

2:00 PM - 2:15 PM

Location: Kuenzel

Speaker: Ethan Borre

Health system cost associated with hemophilia A: A population-based analysis

2:30 PM - 2:45 PM

Location: Kuenzel

Speaker: Sam Hirniak

1:30 PM - 2:45 PM

Measuring and Implementing Shared Decision Making

Location: Pendleton

Supporting Informed Decisions about Breast Cancer Screening in Communities with Known Environmental Contamination: A Pre-Post Study

1:30 PM - 1:45 PM

Location: Pendleton

Speaker: Christine Gunn

Essential Competencies for Pediatric Shared Decision-Making: Insights from a Consensus Delphi Process

1:45 PM - 2:00 PM

Location: Pendleton

Speaker: Vanessa I. Orellana Villazon

Linking Shared Decision-Making Measures to Decision Outcomes and Medication Selection in Anticoagulation Care

2:00 PM - 2:15 PM

Location: Pendleton

Speaker: Angie Fagerlin

Comparing Guidelines and Older Adults' Mental Models of Cancer Screening Decision Making

2:15 PM - 2:30 PM

Location: Pendleton

Speaker: Laura Brotzman

Shared decision making and decision aid use for percutaneous left atrial appendage occlusion

2:30 PM - 2:45 PM

Location: Pendleton

Speaker: Joshua Rager

2:45 PM - 3:00 PM

Break

3:00 PM - 4:15 PM

Economics of Chronic Diseases

Location: Anderson ABCD

Benefits and cost-effectiveness of cascade testing for hypertrophic cardiomyopathy

3:00 PM - 3:15 PM

Location: Anderson ABCD

Speaker: Kurt Christensen

A Canadian cost-utility analysis of first-line systemic therapies in advanced bladder cancer

3:15 PM - 3:30 PM

Location: Anderson ABCD

Speaker: Jacqueline May

Early-stage cost-effectiveness analysis for dementia prevention in stroke survivors

3:30 PM - 3:45 PM

Location: Anderson ABCD

Speaker: Warren Lament

Family-supported decision making improves social well-being and reduces unplanned healthcare use and costs

3:45 PM - 4:00 PM

Location: Anderson ABCD

Speaker: Chetna Malhotra

Cost-effectiveness of a culturally adapted diabetes self-management education program for Marshallese with type 2 diabetes

4:00 PM - 4:15 PM

Location: Anderson ABCD

Speaker: Daniel Lamprecht-Carson

3:00 PM - 4:15 PM

Best-Worst Scaling and Discrete Choice methods to understand patient perspectives.

Location: Pendleton

Prioritizing the Worries of Adolescent Girls with a Physical Disability and Mothers: A Community-Engaged Approach

3:00 PM - 3:15 PM

Location: Pendleton

Speaker: Courtney Streur

Community priorities regarding molecular HIV surveillance using best-worst scaling

3:15 PM - 3:30 PM

Location: Pendleton

Speaker: John Bridges

Identifying what considerations drive tobacco policymaking using best-worst scaling

3:30 PM - 3:45 PM

Location: Pendleton

Speaker: Natalie Smith

Constructing the PedsUtil Scoring System Using a Discrete Choice Experiment

3:45 PM - 4:00 PM

Location: Pendleton

Speaker: Ellen Kim DeLuca

Value of Pediatric Genome Sequencing: A Discrete Choice Experiment Integrating Ethical and Social Considerations

4:00 PM - 4:15 PM

Location: Pendleton

Speaker: Hadley Stevens Smith

3:00 PM - 4:15 PM

Germes Gone Wild: A rollercoaster ride through vaccines and virus models.
Location: Kuenzel

How clinical decision-making affects the cost-effectiveness of new medical technology: an example from tuberculosis diagnosis
3:00 PM - 3:15 PM
Location: Kuenzel
Speaker: Melike Hazal Can

Public health effects of pneumococcal vaccination choice amid rising serotype 4 rates in US subpopulations
3:15 PM - 3:30 PM
Location: Kuenzel
Speaker: Kenneth Smith

Trends in United States long-COVID incidence and prevalence over 2020-2023: a Bayesian modeling analysis
3:30 PM - 3:45 PM
Location: Kuenzel
Speaker: Nicole Swartwood

Impact of human parvovirus B19 screening and hypothetical vaccination among pregnant people: a simulation study
3:45 PM - 4:00 PM
Location: Kuenzel
Speaker: Matthew Kaufmann

Adapting Sexual Behavior Survey Data to Parameterize an Agent-Based Model of Human Papillomavirus Transmission
4:00 PM - 4:15 PM
Location: Kuenzel
Speaker: Jenny Spencer

4:15 PM - 4:30 PM

Break

4:30 PM - 5:00 PM

Lusted Award Ceremony
Location: Pendleton
Speakers: John Giardina, Ryan Suk

5:00 PM - 6:15 PM

Business Meeting
Location: Pendleton

6:30 PM - 9:00 PM

Networking Dinners
Location: Off-Site

8:00 PM - 10:00 PM

Board & Past President Reception - Invitation Only
Location: The Last Word

9:00 PM - 11:59 PM

Karaoke
Location: LoFi Ann Arbor

Wednesday, June 18, 2025

7:30 AM - 9:00 AM

Continental Breakfast
Location: Rogel Ballroom

7:30 AM - 8:30 AM

Bag Drop
Location: Tappan

8:00 AM - 12:00 PM

Registration Open
Location: IdeaHub

8:00 AM - 2:00 PM

Nursing Parents Room
Location: Lactation Room

8:30 AM - 9:45 AM

Shared Decision Making in Action: Real-World Cases and Challenges #SDMIRL
Location: Pendleton
Speakers: Ellen Lipstein, Haoyang Yan, Kristina Suorsa-Johnson, Crystal Chu, Semra Ozdemir, Peter Schwartz

8:30 AM - 9:45 AM

Bridging Decision Science & Clinical Guidelines for Better Patient Care

Location: Kuenzel

Speakers: Cynthia Chude, Ahmed Bayoumi, Amy Cizik, Dale Steele

9:45 AM - 10:45 AM

Wednesday Poster Session

Location: Rogel Ballroom

10:45 AM - 12:00 PM

Why bother developing or using a clinical decision tool? Dilemmas and Opportunities

Location: Kuenzel

Speakers: Meredith MacMartin, Alexis Steinberg, Christina Penfield, Stijntje Dijk, Michael Rubyan

10:45 AM - 12:00 PM

“A doctor, patient, and guideline committee walk into an exam room...”: on the interplay between evidence-based medicine, guidelines, and shared decision making

Location: Pendleton

Speakers: Greg Sacks, Katie Baughman, Cara Janusz, Joshua Rager, Daniel Wiener

12:15 PM - 1:45 PM

Editorial Board Lunch - Invitation Only

Location: Wolverine