



mprint

2026 ANNUAL MEETING

*From
Potential
to
Practice*



APRIL
13 - 17
INDIANAPOLIS



In Conjunction with
**The Indiana CTSP
Pharmacometrics
Modeling &
Simulation Program**

www.mprint.org

Hine Hall
875 W North St, Indianapolis, IN 46202

All times are listed in U.S. Eastern Time (UTC-4) | 1

Monday, April 13, 2026

Day 1

- 8:30 AM Welcome
- 8:45 AM Tutorial: Hands-on with PhysiCell: Building and Exploring Web-Based Cancer Therapy Simulations
- [Paul Macklin, PhD](#)
Professor
Luddy School of Informatics, Computing, and Engineering
Indiana University
- 12:15 PM Lunch
- 1:15 PM Model-Informed Pediatric Trial Design
- [Emma Hughes, PhD](#)
Associate Director
Gilead Sciences
- 1:45 PM Development of a Precision Dosing Model for Trihexyphenidyl in Children with Dystonic Cerebral Palsy
- [Rose Gelineau-Morel, MD](#)
Assistant Professor of Pediatrics
Children's Mercy Hospital
- 2:15 PM Model-Based Precision Dosing of Targeted Therapeutics in Pediatric Population
- [Yuki Otani, MD, PhD](#)
Advisor, Global PK/PD and Pharmacometrics
Eli Lilly & Company
- 2:45 PM Break
- 3:15 PM Distribution and Exposure of GLP-1 Receptor Agonists: Consideration of Fetal and Lactation Exposure via Quantitative Clinical Pharmacology Methods
- [Brian Cicali, PhD, MS](#)
Assistant Professor
University of Florida College of Pharmacy
- 3:45 PM Antiseizure Medications in Pregnancy
- [Angela Birnbaum, PhD, FAES, MLS](#)
Professor
Department of Experimental and Clinical Pharmacology
University of Minnesota College of Pharmacy

4:15 PM PBPK Virtual Population Generation Using Open-Source Methods

Ahmed Elmokadem, PhD

Senior Scientist

Metrum Research Group

4:45 PM Giving and Receiving Feedback

Stacey Tannenbaum, PhD, FISO

Consultant and Coach to the MIDD Community

SJT Pharm

5:30 PM Closed Door Session, By Invitation Only

Tuesday, April 14, 2026

Day 2

- 8:30 AM Welcome
- 8:45 AM Tutorial: Population PK/PD Modeling in Monolix
- [Amparo de la Peña, PhD](#)
Vice President, Pharmacometric Services, CPP
Simulations Plus
- 12:15 PM Lunch
- 1:15 PM *Title TBD*
- [Kathleen Job, PhD](#)
Research Assistant Professor
The University of Utah
- 1:45 PM Safe Detect: Development and Optimization Of 19f-Mrs to Detect Drug Disposition in the Pediatric Brain
- [Stephanie Stancil, PhD, APRN](#)
Associate Professor of Pediatrics
Children's Mercy Kansas City
- 2:15 PM Drug-Drug Interactions while Breastfeeding with Mother/Infant Medications: What's Safe?
- [Sharmistha Das, PhD](#)
Modeling & Simulations Senior Scientist
Vertex Pharmaceuticals
- 2:45 PM Break
- 3:15 PM *Title TBD*
- [Wojciech Krzyzanski, PhD](#)
Associate Professor
Department of Pharmaceutical Sciences
University at Buffalo School of Pharmacy
- 3:45 PM Human Milk Transfer and Infant Exposure to Maternal Sertraline: Evaluating Novel Sample Collection Methods
- [Elizabeth Thompson, MD](#)
Pediatric Cardiology and Critical Care Medicine
Assistant Professor of Pediatrics
Duke Clinical Research Institute
Duke University
- 4:15 PM Lightning Talks
- 5:30 PM Closing

Wednesday, April 15, 2026

Day 3

- 8:30 AM Welcome
- 8:45 AM Opening Remarks
- [Sarah E. Wiehe, MD, MPH](#)
Associate Dean for Community and Translational Research
Co-Director, Clinical and Translational Sciences Institute
Professor of Pediatrics, Indiana University
- 9:00 AM Toward the 3Rs: Is Reproductive Science Ready to Reduce, Refine, and Replace Animal Models to Advance Translational Maternal & Fetal Medicine?
- Organ-on-a-Chip of the Feto-Maternal Interface to Minimize the Use of Animals*
[Arum Han, PhD](#)
Associate Dean for Research, College of Engineering
Associate Agency Director, Texas A&M Engineering Experiment Station (TEES)
Texas Instruments Professor | Presidential Impact Fellow | Chancellor's EDGES Fellow
Director, NanoBio Systems Lab. | Director, AggieFab Nanofabrication Facility
Dept. Electrical and Computer Engineering
Texas A&M University
- A high throughput 3d Bioprinted Human Placenta Models of Early and Late Stage of Gestation as a Novel In Vitro Platform to Reduce Animal Use in Reproductive Research*
[Cristina Antich Acedo, PhD](#)
Postdoctoral fellow, Tissue Engineer
3D Tissue Bioprinting Laboratory, ETB
National Center for Advancing Translational Sciences (NCATS)
National Institutes of Health (NIH)
- Preclinical Trials in Maternal-Fetal Medicine Using Organ-on-a-Chip*
[Ramkumar Menon, MS, PhD](#)
Professor, Department of Obstetrics and Gynecology,
Mildred Harvey and Phyllis Hankins Maternal Fetal Medicine Distinguished Chair
Director, Division of Basic Science and Translational Research
Director, Translational Research Center (TraCe) Microphysiologic System (MPS) (NIH/NCATS)
Director, March of Dimes Texas Perinatal Research Ctr of Excellence
The University of Texas Medical Branch at Galveston
- 10:30 AM Break
- 10:45 AM Lightning Talks
- 12:15 PM Lunch

Thursday, April 16, 2026

1:15 PM Review and Guidance on the Draft ICH E21 Guideline: Inclusion of Pregnant and Breastfeeding Women in Clinical Trials

[Sharon Nachman, MD](#)

Distinguished Professor
Knapp Endowed Chair Pediatrics
Department of Pediatrics
Associate Dean for Research
Renaissance School of Medicine
SUNY Stony Brook

[Eleni Caratzas, MSc, PhD](#)

Senior Scientist
Janssen Innovative Medicines

[Tamorah Lewis, MD, PhD](#)

Sellers Chair in Pharmacology and Pharmacogenetics
Division Head, Clinical Pharmacology & Toxicology
Staff Neonatologist
The Hospital for Sick Children
Associate Professor, Department of Paediatrics
University of Toronto

[Leyla Sahin, MD](#)

Deputy Director for Safety
Division of Pediatrics and Maternal Health
Office of New Drugs in CDER
Food and Drug Administration

[Ann Bruno, MD, MSci](#)

Assistant Professor
Obstetrics and Gynecology
The University of Utah

2:45 PM Break

3:00 PM Human-Relevant Organoids and Tissue Chips as New Approach Methodologies for Advancing Perinatal Pharmacotherapeutics

[Lauren Alekuneses, PharmD, PhD, DABT](#)

Professor
Graduate Director
CTSE Workforce Development Lead
Ernest Mario School of Pharmacy
Rutgers Health
Moderator

Insights on Nutrient Transporters from Human Mammary Organoids and Milk Fat Globules

[Misba Majood, PhD](#)

Postdoctoral Fellow

Thursday, April 16, 2026

Johns Hopkins University

Modeling the Human Placental Interface: A Microengineered Platform for Mechanistic Insight into Maternal–Fetal Exposure

[Pouria Fattahi, PhD](#)

Assistant Professor, College of Engineering
University of Georgia

An iPSC-Derived, Metabolically Competent Fetal/Neonatal Hepatocyte-like Cell Model to Study Xenobiotic Metabolism and Toxicity

[Jed Lampe, PhD](#)

Associate Professor, Department of Pharmaceutical Sciences
University of Colorado

Modeling Transporter Ontogeny in Human Intestinal Organoids

[Edward Kelly, PhD](#)

Professor, Department of Pharmaceutics
University of Washington

4:30 PM

Career Development Session: Navigating Your Clinical Pharmacology and/or Pharmacometrics Career in the Age of AI: Building Resilience Through Uncertainty

[Nieves Velez de Mendizabal, PhD](#)

Executive Director & Head of Pharmacometrics
Eli Lilly & Company
Moderator

[Samuel Callisto, PhD](#)

Senior Scientist II
Metrum Research Group

[Gemma Dickinson, PhD](#)

Vice President and Head of Global PK/PD and Pharmacometrics
Eli Lilly & Company

6:00 PM

Networking Reception and Dinner

Thursday, April 16, 2026

Thursday, April 16, 2026

Day 4

8:30 AM Registration and Welcome

8:45 AM UCSD CET Updates

[Christina Chambers, PhD, MPH](#)

Professor, Department of Pediatrics
Chief, Division of Environmental Science and Health
Co-Director, Center for Better Beginnings
Associate Director, Altman Clinical & Translational Research Institute
University of California San Diego

[Lars Bode, PhD](#)

Endowed Chair of Collaborative Human Milk Research
Founding Director of the UC San Diego Larsson-Rosenquist Foundation Mother-Milk-Infant Center of
Research Excellence (MOMI CORE)
University of California San Diego

[George Liu, MD, PhD](#)

Chief and Professor
Pediatric Infectious Diseases
University of California San Diego

[Shirley Tsunoda, PharmD, FSSP](#)

Professor of Clinical Pharmacy
Associate Dean for Pharmacy Education
University of California San Diego

[Adriana Tremoulet, M.D., M.A.S.](#)

Professor
Division of Host-Microbe Systems and Therapeutics
Department of Pediatrics
University of California San Diego

10:15 AM Break

10:45 AM Neurodevelopment in Children with SSRI Exposure

[Tim Oberlander, MD](#)

Developmental Pediatrician
British Columbia Children's Hospital Research Institute
Vancouver BC

[Ardesheer Talati, PhD](#)

Associate Professor of Clinical Neurobiology in the Department of Psychiatry
Columbia University Irving Medical Center
New York, NY

[Catherine Stika, MD](#)

Thursday, April 16, 2026

Clinical Professor of Obstetrics and Gynecology
Northwestern Feinberg School of Medicine
Chicago, IL

[Christina Chambers, Ph.D., M.P.H.](#)

Professor, Department of Pediatrics
Chief, Division of Environmental Science and Health
Co-Director, Center for Better Beginnings
Associate Director, Altman Clinical & Translational Research Institute
University of California San Diego

12:15 PM Lunch

1:15 PM VICE CET Updates

[Prince Kannankeril, MD, MSCI](#)

Richard B. Johnston Jr., MD, Endowed Chair in Pediatric Research
Vanderbilt University Medical Center

[Digna R. Velez Edwards, PhD, MS](#)

Division Director, Quantitative Services
Director, Women's Health Research
Professor, Obstetrics and Gynecology
Vanderbilt University Medical Center

[Wei-Qi Wei](#)

Associate Professor, Department of Biomedical Informatics
Vanderbilt University Medical Center

[Stephen Patrick, MD, MPH, MS, FAAP](#)

Chair and O. Wayne Rollins Distinguished Professor
Department of Health Policy and Management
Emory University

[Andrew Wiese, PhD, MPH](#)

Assistant Professor, Department of Health Policy
Vanderbilt University Medical Center

2:45 PM Break

3:00 PM *Use of Aspirin/Acetaminophen/NSAIDs during Pregnancy: A Panel Discussion*

[Digna R. Velez Edwards, PhD, MS](#)

Division Director, Quantitative Services
Director, Women's Health Research
Professor, Obstetrics and Gynecology
Vanderbilt University Medical Center

[Enrique Schisterman, PhD](#)

Chair, DBEI
Perelman Professor in Biostatistics, Epidemiology, and Informatics
University of Pennsylvania

Thursday, April 16, 2026

[Jeff Reese, MD](#)

Professor of Pediatrics, Neonatology
Mildred T. Stahlman Chair in Perinatal Research, Neonatology
Vanderbilt University Medical Center

5:00 PM Closing

Friday, April 17, 2026

Day 5

8:30 AM Welcome

8:45 AM DMKRCC Updates

Knowledge Portal Core Update

[Lang Li, PhD](#)

Professor and Chair

Department of Biomedical Informatics

College of Medicine

The Ohio State University

Real World Evidence Core (RWE) Update

[Christopher W. Bartlett, PhD, MHA](#)

Assistant Chief Data Sciences Officer for Biomedical Informatics

Nationwide Children's Hospital

Professor of Pediatrics

The Ohio State University

Pharmacometrics Core Update

[Robert Bies, PharmD, PhD](#)

Professor

Department of Pharmaceutical Sciences

University at Buffalo

[Sara K. Quinney, PharmD, PhD](#)

Professor of Obstetrics and Gynecology and Medicine (Clinical Pharmacology)

Principal Investigator, MPRINT DMKRCC

Indiana University School of Medicine

10:15 AM Break

10:45 AM Data Science and Regulatory Science in Pharmacotherapy Research

[Weida Tong, Ph.D](#)

Director

Division of Bioinformatics and Biostatistics

NCTR/FDA

MPRINT-Knowledge Portal: A Glimpse of AI in Translational Pediatric and Maternal Pharmacology Research

[Lang Li, PhD](#)

Professor and Chair

Department of Biomedical Informatics

College of Medicine

The Ohio State University

12:15 PM Lunch

Thursday, April 16, 2026

1:15 PM Closed Door Session, by Invitation Only