

# Pharmacogenomics

AND THE PATH  
TO HIGHER-VALUE HEALTHCARE



AGENDA SUBJECT TO CHANGE

## Day One: Clinical Case Workshop

CASE-BASED LEARNING

Wednesday, September 21, 2022

Pharmacogenomic Cases and Applications to Patient Care

Moderator: Susie Long, PharmD // M Health Fairview

ALL TIMES CENTRAL

9:00-9:15	<b>Welcome and Introductions</b> Pamala Jacobson, PharmD, FCCP // University of Minnesota
9:15-10:00	<b>Case Studies in Mental Health</b> Tyler Stevens, PharmD // Essentia Health
10:00-10:45	<b>Case Studies in Cardiology</b> Magali Disdier-Moulder, PharmD, PhD // Mayo Clinic
10:45-11:30	<b>Case Studies in Pediatrics</b> David Gregornik, PharmD, BCOP // Children's Minnesota
11:30-12:30	Break
12:30-1:15	<b>Case Studies in Oncology</b> Jai Patel, PharmD // Atrium Health
1:15-1:45	<b>Case Studies in Bone Marrow Transplant</b> Susie Long, PharmD // M Health Fairview
1:45-2:30	<b>Case Studies in NSAIDs and Opioids</b> Jessica Wright, PharmD // Mayo Clinic
2:30-3:15	<b>Case Studies in PPIs</b> Valentina Shakhnovich, MD // Children's Mercy Hospital & Clinics, Kansas City
3:15-3:30	Break
3:30-4:15	<b>Case Studies in Pharmacogenomic Assays and Phenotype Calls</b> Pawel Mroz, MD, PhD // M Health Fairview and University of Minnesota
4:15-5:00	<b>Case Studies in CYP2D6 Phenoconversion</b> Kelsey Cook, PharmD, BCPS // University of Florida
5:00-5:15	<b>Concluding Remarks</b> Pamala Jacobson, PharmD, FCCP // University of Minnesota

# Day Two: Conference Sessions

MORNING SESSIONS

**Thursday, September 22, 2022**

*The Value Proposition of Pharmacogenomics*

Moderator: David Stenehjem, PharmD, BCOP // University of Minnesota

ALL TIMES CENTRAL

8:30-9:00	<b>Non-CE Presentation by Geneticure: <i>Lack of Genetic Considerations May be Detrimental to Patients in Current Hypertensive Clinical Recommendations</i></b> by Eric Snyder, PhD
9:00-9:15	<b>Welcome and Introduction of Moderator</b> Pamala Jacobson, PharmD, FCCP // University of Minnesota
9:15-10:15	<b>KEYNOTE ADDRESS</b> <b><i>Demonstrating the Economic Value of Pharmacogenomics in Clinical Care: Moving Beyond Drug-Gene Associations</i></b> Peter H. O'Donnell, MD // University of Chicago
10:15-10:45	<b><i>Breaking the Economic Barrier in Pharmacogenomics</i></b> Bijan J. Borah, PhD, MPhil // Mayo Clinic College of Medicine & Science
10:45-11:15	<b><i>Preventing Harm through Pharmacogenomics</i></b> James Hoffman, PharmD // St. Jude Children's Research Hospital
11:15-11:45	<b><i>Cost of Pharmacogenomics Implementation at System Scale: Navigating the Financial and Human Investment</i></b> Christine Formea, PharmD, BCPS, FCCP, FASHP // Intermountain Healthcare Pharmacy Services
11:45-12:45	<b>Panel Discussion: <i>Clinical Decision Support for Pharmacogenomics—To Buy or Build?</i></b> Benjamin Duong, PharmD // Nemours Children's Health Steven Johnson, PhD // University of Minnesota Rebecca Pulk, PharmD // Yale New Haven Health
12:45-1:15	<b>Non-CE Presentation by OneOme: <i>The Value of Combining PGx with Comprehensive Medication Management (CMM)</i></b> by Ghada Elnashar, PharmD
1:15-1:45	<b>Non-CE Presentation by Thermo Fisher Scientific: <i>Implement Predictive Genomics Today, Improve Healthcare's Tomorrow</i></b> by David Hanna, PhD
1:45-2:15	<b><i>Pharmacogenomics and the Payer Perspective</i></b> Rachael Pearson, PharmD // Optum Genomics at UnitedHealth Group

# Day Two: Conference Sessions

AFTERNOON SESSIONS

**Thursday, September 22, 2022**

*Medication Therapy Management and Pharmacogenomics*

Moderator: Jeff Bishop, PharmD, BCPP, FCCP // University of Minnesota

ALL TIMES CENTRAL

	<p><b>Welcome and Introduction of Moderator</b> Pamala Jacobson, PharmD, FCCP // University of Minnesota</p>
2:15-2:45	<p><b>Developing CMM/MTM: Get the Medicines Right</b> Ira Klein, MD, MBA, FACP // GTMRx Institute and Tempus Labs</p>
2:45-3:45	<p><b>Pharmacogenomics and MTM: Integration into my Practice—How I Do It</b> Amina Abubakar, PharmD, AAHIVP // Avant Pharmacy and Wellness Jennifer (Chi-Fan) Hockings, PharmD, PhD, BCPS // Cleveland Clinic</p>
3:45-4:15	<p><b>Educating the Patient About Pharmacogenomics and Return of Results</b> Phil Empey, PharmD, PhD // University of Pittsburgh School of Pharmacy</p>
4:15-4:45	<p><b>Local Coverage Determinations for Pharmacogenomic Testing and Reimbursement</b> D. Max Smith, PharmD, BCPS // MedStar Health and Georgetown University School of Medicine</p>

# Day Three: Conference Sessions

MORNING SESSIONS

**Friday, September 23, 2022**

*Pharmacogenomics Updates for the Practitioner*

Moderator: Robert J. Straka, PharmD, FCCP // University of Minnesota

ALL TIMES CENTRAL

8:45-9:00	<p><b>Welcome and Introduction of Moderator</b> Pamala Jacobson, PharmD, FCCP // University of Minnesota</p>
9:00-9:30	<p><b>The Increased Complexity of Pharmacogenomic Associations: What to Do About Contributions by Multiple Drug-Metabolizing Genes and Pharmacodynamic Genes</b> Kelly Caudle, PharmD, PhD, BCPS, FCCP // St. Jude Children's Research Hospital</p>
9:30-10:15	<p><b>Pharmacogenomics Guideline Update: SNRI and SSRI</b> Jeff Bishop, PharmD, BCPP, FCCP // University of Minnesota</p>
10:15-10:45	<p><b>Pharmacogenomics Guideline Update: Beta Blockers</b> Julio Duarte, PharmD, PhD, FAHA // University of Florida College of Pharmacy</p>
10:45-11:30	<p><b>Pharmacogenomic Guideline Update: NSAIDs and Clopidogrel</b> Craig Lee, PharmD, PhD, FCCP, FAHA // UNC Eshelman School of Pharmacy</p>
11:30-12:00	<p><b>Pharmacogenomic Guideline Update: Statins</b> Robert J. Straka, PharmD, FCCP // University of Minnesota</p>
12:00-12:30	<p><b>Non-CE Presentation by Illumina: Aligning Genomics to Healthcare: Pharmacogenomics</b> by Jamal Mitchell, MS and Adam Hauge, MBA</p>
12:30-1:00	<p><b>Non-CE Presentation by Invitae: PGx in Practice: Lessons Learned from Pharmacist-Led Implementations</b> by Jennifer Wick, PharmD, MPH, BCACP and Kristine Ashcraft, BS, MBA</p>
1:15-1:45	<p><b>Novel Education and Implementation Strategies in Pharmacogenomics</b> David Stenehjem, PharmD, BCOP // University of Minnesota</p>
1:45-2:15	<p><b>Regulatory Issues Relevant to Pharmacogenomics</b> Josiah Allen, PharmD // St. Elizabeth Healthcare</p>
2:15-2:45	<p><b>Development of a Telehealth Program for Pharmacogenomics</b> Jonathan Neufeld, PhD // Great Plains Telehealth Resource and Assistance Center</p>
2:45-3:15	<p><b>Legal and Liability Implications of Pharmacogenomics for Physicians and Pharmacists</b> Anthony P. Morreale, PharmD // Department of Veterans Affairs</p>

# Day Three: Conference Sessions

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**Friday, September 23, 2022**

*Pharmacogenomics in Underserved Populations*

Moderator: Josiah Allen, PharmD // St. Elizabeth Healthcare

ALL TIMES CENTRAL

3:45-4:15	<b><i>Pharmacogenomics Implementation in Rural and Underserved Populations: Challenges and Solutions</i></b> Erica Woodahl, PhD // University of Montana
4:15-4:45	<b><i>Moving Beyond Eurocentric Pharmacogenetics to Improve Health Outcomes for All</i></b> Akinyemi Oni-Orisan, PharmD, PhD, DABCP, CLS, AACC // University of California, San Francisco
4:45-5:00	<b><i>Concluding Remarks</i></b> Pamala Jacobson, PharmD, FCCP // University of Minnesota