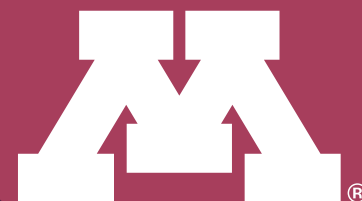


**University of Minnesota Biennial  
Pharmacogenomics Conference**

**September 10-11, 2020**

*LIVE VIRTUAL CONFERENCE*

# **IMPLEMENTATION OF PHARMACOGENOMICS INTO CLINICAL CARE**



# AGENDA

ALL TIMES ARE CENTRAL. SPEAKERS AND SCHEDULE ARE SUBJECT TO CHANGE.

## THURSDAY, SEPTEMBER 10

### WELCOME

with Pamala Jacobson, PharmD, FCCP, Conference Chair  
(University of Minnesota College of Pharmacy)

9:00 AM – 9:15 AM CST

### KEYNOTE ADDRESS

9:15 AM – 10:00 AM CST

#### THE FUTURE OF PHARMACOGENOMICS

Larisa H. Cavallari, PharmD, BCPS, FCCP (University of Florida  
College of Pharmacy)

### SESSION ONE

#### IMPLEMENTATION SCIENCE AND EXAMPLES OF PHARMACOGENOMICS IMPLEMENTATIONS

Moderator: David Gregornik, BS, PharmD, BCOP (Children's  
Minnesota)

10:00 AM – 2:00 PM CST

#### PATHWAY FOR IMPLEMENTATION OF A HEALTHCARE INNOVATION: PHARMACOGENOMICS

10:00 AM – 10:30 AM CST

Todd D. Sorensen, PharmD, FAPhA, FCCP (University of  
Minnesota College of Pharmacy)

#### IMPLEMENTATION AT ST. JUDE CHILDREN'S RESEARCH HOSPITAL (MEMPHIS, TN)

10:30 AM – 11:00 AM CST

Cyrine Haidar, PharmD, BCPS, BCOP (St. Jude Children's  
Research Hospital)

#### BREAK AND VIRTUAL EXHIBIT HALL

11:00 AM – 1:00 PM CST

#### PRE-RECORDED TALK AVAILABLE: IMPLEMENTATION AT VANDERBILT UNIVERSITY MEDICAL CENTER (NASHVILLE, TN)

Sara L. Van Driest, MD, PhD (Vanderbilt University)

#### IMPLEMENTATION AT CHILDREN'S MINNESOTA (MINNEAPOLIS, MN)

1:00 PM – 1:30 PM CST

David Gregornik, BS, PharmD, BCOP (Children's Minnesota)

#### IMPLEMENTATION AT SANFORD HEALTH (SIOUX FALLS, SD)

1:30 PM – 2:00 PM CST

April Schultz, PharmD (Sanford Health)

### SESSION TWO

#### PHARMACOGENOMICS TO IMPROVE DRUG THERAPY AND SAFETY AND AN UPDATE FROM CLINICAL PHARMACOGENETICS IMPLEMENTATION CONSORTIUM

Moderator: R. Stephanie Huang, BS, PhD (University of  
Minnesota College of Pharmacy)

2:00 PM – 4:00 PM CST

#### EVIDENCE FOR IMPLEMENTATION OF PHARMACOGENOMICS FOR HYPERSENSITIVITY REACTIONS AND FUTURE DIRECTIONS

2:00 PM – 2:30 PM CST

Jason H. Karnes, PharmD, PhD, BCPS, FAHA (University of Arizona  
College of Pharmacy)

#### CLINICAL PHARMACOGENETICS IMPLEMENTATION CONSORTIUM (CPIC) AND EMERGING REGULATORY ISSUES FROM THE FDA

2:30 PM – 3:00 PM CST

Kelly E. Caudle, PharmD, PhD, BCPS, CPIC Director (St. Jude  
Children's Research Hospital)

#### A BEHIND-THE-SCENES LOOK AT THE CPIC EVIDENCE REVIEW PROCESS FOR DRUG-GENE PAIRS

3:00 PM – 3:30 PM CST

Jacob Brown, PharmD, MS (University of Minnesota College of  
Pharmacy)

#### BREAK AND VIRTUAL EXHIBIT HALL

3:30 PM – 4:00 PM CST

### SESSION THREE

#### PHARMACOGENOMICS COMPLEXITIES: CASE DISCUSSIONS

4:00 PM – 5:00 PM CST

Case Discussion 1: 4:00 PM – 4:30 PM CST

Case Discussion 2: 4:30 PM – 5:00 PM CST

*The following three cases are discussed during each time slot.  
Participants will have pre-selected at registration which two  
cases they will attend.*

#### CASE 1: HOW TO NAVIGATE DRUG- DRUG INTERACTIONS IN THE PATIENT WITH PHARMACOGENOMIC VARIANTS: PHARMACOGENOMIC PHENOCONVERSION

Robert J. Straka, PharmD, FCCP (University of Minnesota College  
of Pharmacy)

#### CASE 2: RETURN OF PHARMACOGENOMICS RESULTS TO THE PATIENT VIA AN E-CONSULT

Eric T. Matey PharmD, BCACP, MBA (Mayo Clinic)

#### CASE 3: PROVIDING PHARMACOGENOMICS-GUIDED CARE IN THE ABSENCE OF CLINICAL GUIDELINES

David Gregornik, BS, PharmD, BCOP (Children's Minnesota) and  
Jacob Brown, PharmD, MS (University of Minnesota College of  
Pharmacy)

## VIRTUAL EXHIBIT HALL

5:00 PM – 6:00 PM CST

*End of programming for the day.*

## FRIDAY, SEPTEMBER 11

### VIRTUAL EXHIBIT HALL

8:00 AM – 9:00 AM CST

### WELCOME

with Pamala Jacobson, PharmD, FCCP, Conference Chair  
(University of Minnesota College of Pharmacy)

9:00 AM – 9:15 AM CST

### SESSION FOUR

#### PRIMARY CARE PHARMACOGENOMICS

Moderator: Jacob Brown, PharmD, MS (University of Minnesota  
College of Pharmacy)

9:15 AM – 12:15 PM CST

#### EVIDENCE FOR IMPLEMENTATION OF PHARMACOGENOMICS IN PSYCHIATRY AND EMERGING AREAS

9:15 AM – 9:45 AM CST

Jeffrey Bishop, PharmD, MS, BCPP, FCCP (University of Minnesota  
College of Pharmacy)

#### EVIDENCE FOR IMPLEMENTATION OF PHARMACOGENOMICS IN CARDIOVASCULAR AND EMERGING AREAS

9:45 AM – 10:15 AM CST

Sony Tuteja, PharmD, MS, BCPS, FAHA (University of Pennsylvania  
Perelman School of Medicine)

#### EVIDENCE FOR IMPLEMENTATION OF PHARMACOGENOMICS IN PEDIATRICS AND FUTURE DIRECTIONS

10:15 AM – 10:45 AM CST

Laura B. Ramsey, PhD (Cincinnati Children's Hospital Medical  
Center)

### BREAK AND VIRTUAL EXHIBIT HALL

10:45 AM – 11:15 AM CST

#### EVIDENCE FOR IMPLEMENTATION OF PHARMACOGENOMICS FOR OPIOIDS

11:15 AM – 11:45 AM CST

D. Max Smith, PharmD, BCPS (MedStar Health and Georgetown  
University School of Medicine)

#### EVIDENCE FOR IMPLEMENTATION OF PHARMACOGENOMICS FOR PROTON PUMP INHIBITORS

11:45 AM – 12:15 PM CST

Valentina Shakhnovich, MD (University of Missouri-Kansas City  
School of Medicine and Children's Mercy Hospital & Clinics)

## VIRTUAL POSTER SESSION AND VIRTUAL EXHIBIT HALL

12:15 PM – 1:30 PM CST

### SESSION FIVE

#### IMPORTANT CONSIDERATIONS IN PHARMACOGENOMICS IMPLEMENTATION: AVOIDING THE PITFALLS

Moderator: William Oetting, PhD (University of Minnesota  
College of Pharmacy)

1:30 PM – 4:30 PM CST

#### NOT ALL PHARMACOGENOMICS ASSAYS ARE THE SAME: SELECTING A PHARMACOGENOMICS ASSAY THAT'S RIGHT FOR YOUR PATIENTS

1:30 PM – 2:00 PM CST

Victoria Pratt, PhD, FACMG (Indiana University School of  
Medicine)

#### THE PHARMACOGENE VARIATION (PHARMVAR) CONSORTIUM AND STANDARDIZATION OF PHARMACOGENE VARIATION TO FACILITATE INTERPRETATION OF TEST RESULTS

2:00 PM – 2:30 PM CST

Andrea Gaedigk, MS, PhD (University of Missouri-Kansas City  
School of Medicine and Children's Mercy Hospital & Clinics)

#### DEVELOPMENT OF PHARMACOGENOMICS RULES AND CLINICAL DECISION SUPPORT TOOLS

2:30 PM – 3:00 PM CST

Donald K. Baker, PharmD, MBA (St. Jude Children's Research  
Hospital)

### BREAK AND VIRTUAL EXHIBIT HALL

3:00 PM – 3:30 PM CST

#### SPECIAL CONSIDERATIONS FOR IMPLEMENTATION OF PHARMACOGENOMICS IN MINORITY POPULATIONS

3:30 PM – 4:00 PM CST

Minoli Perera, PharmD, PhD (Northwestern University Feinberg  
School of Medicine)

#### THE EVIDENCE FOR COST EFFECTIVENESS AND QUALITY IMPROVEMENT OF PHARMACOGENOMICS SERVICES

4:00 PM – 4:30 PM CST

Joel Farley, BS, PhD, FAPhA (University of Minnesota College of  
Pharmacy)

### CONCLUDING REMARKS

with Pamala Jacobson, PharmD, FCCP, Conference Chair  
(University of Minnesota College of Pharmacy)

4:30 PM – 4:45 PM CST

*End of conference programming.  
We hope to see you again in 2022!*