

# ILLINOIS SUMMIT ON ANTIMICROBIAL STEWARDSHIP 2023

**Parke Regency Hotel and Conference Center  
Bloomington, Illinois**

**Tuesday, June 13, 2023  
8:30 a.m. – 5 p.m.**



Funding for this conference was made possible by the Illinois Department of Public Health and the Centers for Disease Control and Prevention. The views expressed in written conference materials or publications and by speakers and moderators do not necessarily reflect the official policies of the U.S. Department of Health and Human Services, nor does the mention of trade names, commercial practices, or organizations imply endorsement by the U.S. government.

**Learning Objectives**

At the conclusion of this course, participants will be able to:

- Summarize the regulatory and national landscape for antimicrobial stewardship.
- Apply national guidelines and best practices for implementing and evaluating facility antimicrobial stewardship programs.
- Review past antimicrobial stewardship programs and lessons learned.
- Identify tools and resources for implementing antimicrobial stewardship programs.

**Target Audience**

Health care professionals, including physicians, pharmacists, dentists, nurses, quality directors, infection preventionists, facility leadership, and public health professionals across inpatient, outpatient, and long-term care settings.

**Accreditation Statement**

In support of improving patient care, Rush University Medical Center is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC), to provide continuing education for the health care team.

Rush University Medical Center designates this live activity for a maximum of 6.00 *AMA PRA Category 1 Credit(s)*<sup>™</sup>. Physicians should claim only credit commensurate with the extent of their participation in the activity.

Rush University Medical Center designates this live activity for a maximum of 6.00 nursing contact hour(s).

Rush University Medical Center designates this knowledge-based live activity for a maximum of 6.00 contact hour(s) for pharmacists.

**Disclosure**

The planners, editors, faculty, and reviewers of this activity have no relevant financial relationships to disclose. This event was created without any commercial support.

## Agenda

Time	Session
8:30 a.m. – 9:00 a.m.	<b>Check In and Registration</b>
9:00 a.m. – 9:20 a.m.	<b>IDPH Welcome</b> <i>Sameer Vohra, MD, JD, MA, Illinois Department of Public Health</i>
9:20 a.m. – 11:00 a.m.	<b>State, Federal, and Regulatory Updates and Expert Panel Q&amp;A</b> <i>Jamie Jacob, PharmD, Illinois Department of Public Health</i> <i>Melinda Neuhauser, PharmD, MPH, Office of Antibiotic Stewardship, Centers for Disease Control and Prevention</i> <i>Sheila Baker, JD, MBA, RN, Illinois Department of Public Health</i>
11:00 a.m. – 11:15 a.m.	<b>Break</b>
11:15 a.m. - 11:45 a.m.	<b>Top Papers in Antimicrobial Stewardship 2022 – 2023</b> <i>Jason Pogue, PharmD, University of Michigan</i>
11:45 a.m. – 12:15 p.m.	<b>Rebuilding Antimicrobial Stewardship in a Post-Pandemic Era</b> <i>Hannah Imlay, MD, MS, University of Utah</i>
12:15 p.m. – 1:30 p.m.	<b>Lunch and Poster Presentations</b>
<b>Concurrent Sessions</b> 1:30 p.m. – 2:30 p.m.	<b>Acute Care – Beginner</b> <b>Implementing Stewardship in Community Hospital/Resource-Limited Settings</b> <i>Kyle Johnicker, PharmD, Northwestern Medicine Kishwaukee Hospital</i>
	<b>Acute Care – Advanced</b> <b>Antimicrobial Stewardship in the Emergency Department</b> <i>Neal Lyons, PharmD, Loyola University Medical Center</i>
	<b>Back to Basics: Antimicrobial Stewardship Programs in Long-term Care</b> <i>Dheeraj Mahajan, MD, Chicago Internal Medicine Practice and Research</i> <i>Sylwia Jasniuk, RN, CIMPAR</i> <i>Rajiv Shah, MBA, CIMCONS</i>
	<b>Practical Approaches to Starting an Outpatient Stewardship Program</b> <i>Michael E. Klepser, PharmD, Ferris State University</i>

<p><b>Concurrent Sessions</b> 2:35 p.m. – 3:35 p.m.</p>	<p><b>Acute Care – Beginner</b> <b>Building the Antimicrobial Stewardship Team</b> <i>Jaime Borkowski, PharmD, Northwestern Medicine</i> <i>Radhika Polisetty, PharmD, Northwestern Medicine Central DuPage Hospital</i></p> <p><b>Acute Care – Advanced</b> <b>Oral Antibiotics as Stepdown for Serious Infections</b> <i>Cynthia Nguyen, PharmD, University of Chicago Medical Center</i></p> <p><b>Incorporation of Consultant Pharmacist Drug Expertise to Drive Antimicrobial Stewardship in Long-Term Care</b> <i>Jenna Preusker, PharmD, Nebraska Medicine</i> <i>Vishnu Chundi, MD, Metro Infectious Disease Consultants</i></p> <p><b>Methodologies and Measures for Tracking Antimicrobial Use in Outpatient Settings</b> <i>Muhammad Dhanani, MD, Northwestern Medicine</i></p>
<p>3:35 p.m. – 3:45 p.m.</p>	<p><b>Break</b></p>
<p><b>Concurrent Sessions</b> 3:45 p.m. – 4:45 p.m.</p>	<p><b>Emerging Infectious Diseases</b> <i>Catherine Counard, MD, Illinois Department of Public Health</i></p> <p><b>New Antimicrobials and ID Diagnostics in the Pipeline</b> <i>Emily Drwiega, PharmD, University of Illinois at Chicago</i></p> <p><b>Guidance in the Treatment of Gram-negative Infections</b> <i>Erin Weslander, PharmD, Northwestern Medicine</i> <i>Christie Bertram, PharmD, Northwestern Medicine</i></p> <p><b>Identifying and Addressing Health Disparities in Antimicrobial Use</b> <i>Jeff Linder, MD, Northwestern University</i></p>
<p>4:45 p.m. – 5:00 p.m.</p>	<p><b>Wrap up and Evaluations</b></p>

## Session Descriptions

**9:00 a.m. – 11:00 a.m.**

### **General Session: IDPH Welcome and National, Regulatory, and Local Antimicrobial Stewardship Updates**

Speakers: Sameer Vohra, MD, JD, MA, Illinois Department of Public Health

Jamie Jacob, PharmD, Illinois Department of Public Health

Melinda Neuhauser, PharmD, MPH, Office of Antibiotic Stewardship, Centers for Disease Control and Prevention

Sheila Baker, JD, MBA, RN, Illinois Department of Public Health

Moderator: Dheeraj Mahajan, MD, Chicago Internal Medicine Practice and Research

#### Objectives

- Summarize national landscape for antimicrobial stewardship.
- Describe statewide initiatives related to antimicrobial stewardship.
- Identify local requirements for implementing antimicrobial stewardship.

**11:15 a.m. – 11:45 a.m.**

### **General Session: Top Papers in Antimicrobial Stewardship 2022 – 2023**

Speaker: Jason Pogue, PharmD, University of Michigan

Moderator: Jenny Winkler, MPH, Illinois Health and Hospital Association

#### Objectives

- Apply recent literature on key antimicrobial stewardship topics.

**11:45 a.m. – 12:15 p.m.**

### **General Session: Rebuilding Antimicrobial Stewardship in a Post-Pandemic Era**

Speaker: Hannah Imlay, MD, MS, University of Utah

Moderator: Jenny Winkler, MPH, Illinois Health and Hospital Association

#### Objectives

- Discuss how COVID-19-related activities are still a part of antimicrobial stewardship programs.
- Understand how antimicrobial stewardship programs can leverage communication networks built during the pandemic for stewardship activities.
- Identify the need for increased resources for antimicrobial stewardship programs.

**12:15 p.m. – 1:30 p.m.**

**Lunchtime Session: Poster Presentations**

Speakers: See Agenda

Objectives

- Describe best practices for implementing antimicrobial stewardship in acute care.
- Describe best practices for antimicrobial stewardship in long-term care.
- Describe best practices for antimicrobial stewardship outpatient and dental care.

**1:30 p.m. – 2:30 p.m.**

**Concurrent Session: Implementing Stewardship in Community Hospital/Resource-Limited Settings**

Speakers: Kyle Johnicker, PharmD, Northwestern Medicine Kishwaukee Hospital

Moderator: Elizabeth Murphy, MPH, DuPage County Health Department

Objectives

- Discuss important first steps to development of antimicrobial stewardship programs in a community hospital.
- Identify the challenges to antimicrobial stewardship in a community hospital.
- Develop tools and strategies to overcome challenges.

**Concurrent Session: Antimicrobial Stewardship in the Emergency Department**

Speaker: Neal Lyons, PharmD, Loyola University Medical Center

Moderator: Jenny Winkler, MPH, Illinois Health and Hospital Association

Objectives

- Discuss the importance of antimicrobial stewardship as it pertains to the emergency department.
- Describe the elements of an active antimicrobial stewardship presence in the emergency department.
- List various approaches to improving antimicrobial stewardship in the emergency department.

**Concurrent Session: Back to Basics: Antimicrobial Stewardship in Long-Term Care**

Speakers: Dheeraj Mahajan, MD, Chicago Internal Medicine Practice and Research  
Sylwia Jasniuk, RN, Chicago Internal Medicine Practice and Research  
Rajiv Shah, MBA, CIMCONS

Moderator: Jamie Jacob, PharmD, Illinois Department of Public Health,

Objectives

- Review best practices for antimicrobial stewardship in the long-term care setting.
- Understand current antimicrobial stewardship priorities and strategies.
- Describe actions that can be taken to promote antimicrobial stewardship in long-term care health care facilities, such as communicating with outside partners and taking antibiotic timeouts.

**Concurrent Session: Practical Approaches to Starting an Outpatient Stewardship Program**

Speaker: Michael E. Klepser, PharmD, Ferris State University

Moderator: Estrella Cervantes, PharmD, Chicago Department of Public Health

**Objectives**

- Compare and contrast methods used to track outpatient antimicrobial use.
- Identify key individuals with whom to engage to establish an outpatient antimicrobial team.
- List stewardship interventions that can be implemented throughout the infection cycle.

**2:35 p.m. – 3:35 p.m.**

**Concurrent Session: Building the Antimicrobial Stewardship Team**

Speaker: Jaime Borkowski, PharmD, Northwestern Medicine  
Radhika Polisetty, PharmD, Northwestern Medicine Central DuPage Hospital

Moderator: Rachel Simon, MPH, Hektoen Institute

**Objectives**

- List the membership required and recommended for a successful hospital antimicrobial stewardship team.
- Describe potential roles or responsibilities for members of the antimicrobial stewardship team.
- Review literature and examples of collaboration between various stewardship team members.

**Concurrent Session: Oral Antibiotics as Stepdown for Serious Infections**

Speaker: Cynthia Nguyen, PharmD, University of Chicago Medical Center

Moderator: Emily Murksyj, MPH, DuPage County Health Department

**Objectives**

- List pros and cons for the use of oral versus intravenous antibiotics for severe infections.
- Summarize the recent data for the use of oral antibiotics for severe infections.
- Discuss strategies to promote the use of oral antibiotics for severe infections.

**Concurrent Session: Incorporation of Consultant Pharmacist Drug Expertise to Drive Antimicrobial Stewardship in Long-Term Care**

Speaker: Jenna Preusker, PharmD, Nebraska Medicine  
Vishnu Chundi, MD, Metro Infectious Disease Consultants

Moderator: Nell Griffin, EdM, Telligen QI Connect

**Objectives**

- Identify opportunities for consultant pharmacists to assist facilities with the CDC Core Elements for Hospital Antibiotic Stewardship Programs.
- Review outcomes of an academic medical center driven consultant pharmacist training collaborative on antimicrobial stewardship efforts.
- Discuss potential challenges related to consultant pharmacist participation in antimicrobial stewardship programs.

**Concurrent Session: Methodologies and Measures for Tracking Antimicrobial Use in Outpatient Settings**

Speaker: Muhammad Dhanani, MD, and Sarah Sutton, MD, Northwestern Medicine

Moderator: Mike Postelnick, RPh, Northwestern Medicine

**Objectives**

- Illustrate methods to capture antimicrobial prescribing behavior in a useful manner.
- Discuss challenges of abstracting antimicrobial prescribing behavior into reports.
- Review relevant aspects of reporting antimicrobial prescribing data to stakeholders.

**3:45 p.m. – 4:45 p.m.**

**Concurrent Session: Emerging Infectious Diseases**

Speaker: Catherine Counard, MD, Illinois Department of Public Health

Moderator: Elizabeth Murphy, MPH, DuPage County Health Department

**Objectives**

- Discuss how newly emerging infectious diseases are identified.
- Summarize response to emerging infectious diseases by global public health entities.
- Review examples of current emerging infectious diseases and response actions taken.

**Concurrent Session: New Antimicrobials and Infectious Diseases Diagnostics in the Pipeline**

Speakers: Emily Drwiega, PharmD, University of Illinois at Chicago

Moderator: Jaime Zapata, CIC, Telligent QI Connect

**Objectives**

- Discuss new antimicrobials in the pipeline.
- Identify ongoing clinical trials for novel antimicrobials.
- Describe new ID diagnostics in the pipeline.

**Concurrent Session: Guidance in the Treatment of Gram-negative Infections**

Speaker: Erin Weslander, PharmD

Christie Bertram, PharmD, Northwestern Medicine

Moderator: Estrella Cervantes, PharmD, Chicago Department of Public Health

**Objectives**

- Analyze mechanisms of carbapenem resistance in Enterobacterales species and recommend appropriate antimicrobial treatment regimens.
- Examine *Pseudomonas* resistance mechanisms and the evidence supporting combination therapy.
- Analyze mechanisms of carbapenem resistance in Enterobacterales species and recommend appropriate antimicrobial treatment regimens.

**Concurrent Session: Identifying and Addressing Health Disparities in Antimicrobial Use**

Speaker: Jeff Linder, MD, Northwestern University

Moderator: Rachel Simon, MPH, Hektoen Institute

**Objectives**

- Identify current disparities in antimicrobial use.
- Discuss impact of disparities on overall health.
- Determine actions that can be taken to decrease disparities.

## Speaker Biographies

### **Sheila Baker, JD, MBA, RN**

Baker started her career with IDPH in 2021 as bureau chief of the Division of Long-Term Care and was recently promoted to deputy director of the Office of Health Care Regulation. As bureau chief, she was responsible for long-term care regulation enforcement and focused her team on being mission driven to assure quality care for seniors. Sheila has been in health care for more than 25 years and has held several health care leadership positions in Cigna, Presence Health, Riverside Healthcare, Aunt Martha's Healthcare, and University of Chicago Medicine. After graduation from law school, she practiced law, primarily focusing on health care compliance and employee/labor relations. She holds a juris doctorate from the University of Illinois Champaign Urbana, a Master of Business Administration from Saint Xavier University and a Bachelor of Science in Nursing from Marquette University. Sheila lives in the Chicago area with her husband and in her free time enjoys touring landmarks and restaurants in Chicago with her children.

### **Christie M. Bertram, PharmD, BCIDP**

Dr. Bertram is an infectious diseases and antimicrobial and diagnostic stewardship clinical pharmacist at Northwestern Memorial Hospital in Chicago and an adjunct assistant professor of pharmacy practice at Rosalind Franklin University College of Pharmacy. She obtained her Doctor of Pharmacy degree from Butler University and completed a PGY-1 pharmacy practice residency at Northwestern Memorial Hospital and a PGY-2 infectious diseases residency at Northwestern Memorial Hospital and Midwestern University Chicago College of Pharmacy. She is passionate about antimicrobial stewardship, treatment of multi-drug resistant infections, pharmacy education, antibiotic allergies, as well as microbiology and rapid diagnostic testing.

### **Jaime L. Borkowski, PharmD, BCIDP, BCPS**

Dr. Borkowski is an antimicrobial stewardship clinical pharmacy specialist at Northwestern Medicine Delnor Hospital. She completed her Doctor of Pharmacy at Butler University in Indianapolis and a PGY-1 Pharmacy Practice Residency at Northwestern Memorial Hospital in Chicago. She practiced as a clinical pharmacist at Northwestern Memorial Hospital following her residency, and then as the pharmacy clinical coordinator at OSF St. Anthony Medical Center in Rockford. Jaime took a position at what is now Northwestern Medicine Delnor Hospital in 2009 and has spent the past 14 years building its Antimicrobial Stewardship Program. She co-chairs the Antimicrobial Stewardship Committee and the Emergency Department Antimicrobial Stewardship Team at Delnor and works closely with practitioners to improve antimicrobial usage at Delnor and across the Northwestern Medicine System. Jaime also precepts pharmacy residents and students in the areas of antimicrobial stewardship and infectious diseases. Jaime's primary research interest is in effective implementation of stewardship initiatives in the community hospital setting. She is an active member of the American College of Clinical Pharmacists ID-PRN network, the Society of Infectious Diseases Pharmacists, and the Illinois Council of Health-System Pharmacists.

### **Vishnu Chundi, M.D.**

Dr. Chundi has practiced internal medicine for more than 20 years and specializes in the diagnosis and treatment of infectious diseases. Dr. Chundi delivers compassionate, patient-centric care. He is an expert in microbiology, prevention, and the management of disorders caused by viral, bacterial, fungal, or parasitic infections, including the appropriate use of antibiotics.

**Catherine A. Counard, MD, MPH**

Dr. Counard is the state medical officer for the Illinois Department of Public Health. Prior positions include director of the Skokie municipal health department, assistant medical director for Emergency Preparedness and Communicable Disease Control at the Cook County Department of Public Health, and seven years as a family physician with the United States Navy. She is dedicated to providing meaningful field practicum experiences for public health students and promoting regional collaboration to reduce health inequities. She has extensive experience with legislative and public policy issues, such as improving access to health care, tobacco control, food safety, and communicable disease control. Dr. Counard serves on the UIC School of Public Health Executive Advisory Board.

**Muhammad Dhanani, MD**

Dr. Dhanani is an assistant professor of medicine at Northwestern University's Feinberg School of Medicine with a specialization in infectious diseases. Dr. Dhanani completed residency and fellowship at Boston Medical Center, the teaching affiliate of Boston University Chobanian & Avedisian School of Medicine. Dr. Dhanani also completed a fellowship in health professional education between finishing residency and beginning clinical fellowship. Dr. Dhanani is passionate about antimicrobial stewardship and thinks systems-level solutions to stewardship-related problems are urgently needed to protect all of us.

**Emily N. Drwiega, PharmD, BCIDP, BCPS, AAHIVP**

Dr. Drwiega is a visiting clinical assistant professor of pharmacy practice at the University of Illinois at Chicago and a clinical pharmacist at UI Health in Chicago. She graduated from Pharmacy School at Butler University in Indianapolis and then completed two years of residency, including an infectious diseases second year residency at Grady Hospital in Atlanta. Prior to her current role, she completed an Infectious Diseases Pharmacy Fellowship at the University of Illinois at Chicago.

**Hannah Imlay, MS, MD**

Dr. Imlay is an assistant professor of medicine at the University of Utah School of Medicine. She directs the Immunocompromised Stewardship Program and is the associate medical director of antimicrobial stewardship at the University of Utah Health and the Salt Lake City Veterans Affairs System. Her clinical and research interests focus on infections and antimicrobial stewardship in immunocompromised hosts, in particular organ transplant recipients, and in patients undergoing chemotherapy and stem cell transplantation.

**Jamie Jacob, PharmD, BCIDP**

Dr. Jacob is the antimicrobial stewardship coordinator for the Illinois Department of Public Health (IDPH) Division of Patient Safety and Quality. She received her Doctor of Pharmacy from the Ernest Mario School of Pharmacy at Rutgers University. She went on to complete a pharmacy practice residency at Christiana Care Health System and an infectious diseases residency at New York-Presbyterian Columbia University Irving Medical Center and Weill Cornell Medical Center. Prior to her role at IDPH, she served as the systemwide infectious diseases clinical pharmacist for Bon Secours Charity Health System. Jacob is dedicated to expanding antimicrobial stewardship efforts and ensuring equitable access to health care across Illinois.

**Sylwia Jasniuk, RN**

Jasniuk is a dedicated nurse leader with a background in clinical innovation, patient care, and health care management. With a proven ability to identify and to implement innovative solutions, Jasniuk enhances patient outcomes, drives process improvement, and optimizes health care delivery. As the director of therapeutics and clinical innovation at CIMPARG, SC, she spearheads strategic initiatives, oversees grant implementation, and manages mobile services and therapeutic efforts. Jasniuk's expertise includes collaborating with cross-functional teams, managing complex projects, and fostering a culture of continuous learning and innovation. Her nursing career began in the intensive care unit at Illinois Masonic Medical Center. She holds an Accelerated Bachelor of Science in Nursing from Loyola University and a bachelor's degree in biochemistry from the University of Illinois at Chicago.

**Kyle M. Johnicker, PharmD**

Dr. Johnicker is the pharmacy clinical coordinator at Northwestern Medicine Kishwaukee Hospital in DeKalb. Dr. Johnicker earned his Doctor of Pharmacy from Butler University in Indianapolis in 2006. After working in the Department of Pharmacology at the University of Colorado at Denver, he began his pharmacy career in 2009 as a clinical staff pharmacist at Fayette Regional Health System in Connersville, Indiana. He moved in 2012 to become the director of pharmacy at Putnam County Hospital, a critical access hospital in Greencastle, Indiana.

Following relocation to Chicago in 2015, Dr. Johnicker assumed the role of clinical manager for the Pharmacy Department at South Shore Hospital. Including his current position, Dr. Johnicker has overseen the implementation and improvement of antimicrobial stewardship programs at three different community hospital settings. Dr. Johnicker recognizes antimicrobial stewardship as an exciting area where pharmacy is poised to have a great impact on patient care. He has enjoyed the challenges that come from small community hospital pharmacy and the demand to wear many hats.

**Michael Edward Klepser, PharmD, FCCP, FIDP**

Dr. Klepser received his Doctor of Pharmacy from the University of Michigan College of Pharmacy in 1992. He completed a pharmacy practice residency at Detroit Receiving Hospital and University Health Center and a fellowship in infectious diseases at Hartford Hospital in Hartford, Connecticut.

Dr. Klepser has been a professor of pharmacy at Ferris State University since 2001. Prior to joining Ferris, he was an associate professor at the University of Iowa College of Pharmacy (1995-2001). Dr. Klepser's research interests include the use of CLIA-waived point-of-care tests in community pharmacies and community-based antimicrobial stewardships. He has published extensively on these topics and has more than 150 peer-reviewed manuscripts. Dr. Klepser is a founder and content advisor for the "Community Pharmacy-Based Point-of-Care Testing" certificate program. He is also the senior director for the Collaboration to Harmonize Antimicrobial Registry Measures Program. Dr. Klepser is active in several professional organizations, including the Society of Infectious Diseases Pharmacists, the American College of Clinical Pharmacy, and the American Pharmacists Association.

**Jeffrey A. Linder, MD, MPH, FACP**

Dr. Linder is a general internist and primary care clinician-investigator. Dr. Linder is the Michael A. Gertz Professor of Medicine and the chief of the Division of General Internal Medicine at the Northwestern University Feinberg School of Medicine. Dr. Linder's research focuses on the care of ambulatory patients with acute respiratory infections– the number one symptomatic reason for seeking medical care in the United States – and the appropriate use of antibiotics in ambulatory care. Dr. Linder has expertise in electronic health records and clinical decision support as well as using behavioral science and social psychology to understand and change behavior. Dr. Linder served on the “Outpatient Antibiotic Use Target-Setting Workgroup” convened by the Centers for Disease Control and Prevention and The Pew Charitable Trusts; the Antibiotic Stewardship Research Workshop Planning Committee of the Society for Healthcare Epidemiology of America; and has served on advisory or expert committees for the National Committee on Quality Assurance, The Joint Commission, and the Infectious Diseases Society of America. He received his medical degree from Northwestern University, did a fellowship in general medicine and primary care at Massachusetts General Hospital, and has a Master of Public Health degree from the Harvard TH Chan School of Public Health.

**Neal Lyons, PharmD, BCPS**

Dr. Lyons has been practicing as an emergency medicine clinical pharmacist for more than a decade. He has been on the Antimicrobial Stewardship Committee of three different institutions where he has participated in antimicrobial order set optimization and culture review workflows. In his spare time, he hikes with his wife, kids, and dogs.

**Dheeraj Mahajan, MD, MBA, MPH, FACP, CMD, CIC, CHCQM**

Dr. Mahajan is president and CEO at CIMPARG (Chicago Internal Medicine Practice and Research). He is the clinical associate professor of medicine at the University of Illinois at Chicago and faculty in geriatrics fellowship at Loyola University Health System. He is a Fellow of the American College of Physicians and board certified in internal medicine and geriatric medicine. Additionally, Dr. Mahajan is a certified medical director, a certified physician advisor in utilization review and health care quality management and is certified in infection control and epidemiology. He is a nationally recognized speaker on health care reform, MACRA, MIPS, APMs, post-acute QPPs and post-acute and long-term care (PALTC) medicine, and transitional care quality improvement. Dr. Mahajan chairs AMDA's Quality Measures Committee and leads the population health workgroup of its public policy committee. He is a pioneer in developing PALTC population concept and has been the leading force behind developing meaningful quality measures for physicians practicing in PALTC space. His areas of interest in research include infection prevention, antimicrobial stewardship, and psychotropic use in PALTC.

**Melinda M. Neuhauser, PharmD, MPH, FCCP, FASHP, FIDP**

Dr. Neuhauser is a pharmacist and acute care lead for the Centers for Disease Control and Prevention (CDC) Office of Antibiotic Stewardship in the Division of Healthcare Quality Promotion. Melinda graduated from the University of Minnesota College of Pharmacy. She did her infectious diseases residency training at Detroit Receiving Hospital and completed her fellowship training at the University of Illinois at Chicago. Prior to joining the CDC, Melinda worked as the National Clinical Pharmacy Program manager in infectious diseases for the Department of Veteran Affairs (VA) Pharmacy Benefits Management Services and co-chair of the VA National Antimicrobial Stewardship Task Force. She also worked as a clinical pharmacy specialist in infectious diseases at the National Institutes of Health Clinical Research Center and the University of Houston College of Pharmacy/MD Anderson Cancer Center.

**Cynthia T. Nguyen, PharmD, BCIDP**

Dr. Nguyen is a clinical pharmacy specialist who practices inpatient infectious diseases and antimicrobial stewardship at the University of Chicago Medicine. Dr. Nguyen received a Doctor of Pharmacy and completed a PGY-1 pharmacy residency at the University of California San Francisco Medical Center. Subsequently, she completed a PGY-2 infectious diseases pharmacy residency at the University of Michigan Medicine. Her primary research interests include assessing the impact of antimicrobial stewardship interventions on antimicrobial use and patient outcomes.

**Jason M Pogue, PharmD, BCPS, BCIDP**

Dr. Pogue is a clinical professor in the Department of Clinical Pharmacy at the University of Michigan College of Pharmacy and an infectious diseases clinical pharmacist at Michigan Medicine. Prior to this position, Pogue spent more than a decade at the Detroit Medical Center (DMC) as an infectious diseases clinical pharmacist at Sinai-Grace Hospital and was the co-chair of the DMC Antimicrobial Stewardship Committee.

Dr. Pogue received a bachelor's degree in chemistry from Gannon University, before obtaining his Doctor of Pharmacy from the University of Pittsburgh. He then completed a PGY-1 pharmacy residency at the University of Pittsburgh Medical Center followed by an infectious diseases PGY-2 residency at the University of Michigan Health Systems. His research interests focus on epidemiology and management of multi-drug resistant gram-negative organisms and antimicrobial stewardship.

Dr. Pogue is a recognized leader in gram-negative resistance and antimicrobial stewardship as evidenced by his significant contribution to more than 125 peer-reviewed articles, more than 125 abstracts, multiple book chapters, and presentations at national and international conferences. Dr. Pogue has served as clinical pharmacy lead for multiple National Institutes of Health funded studies addressing optimal use of polymyxins for extensively drug-resistant gram-negative pathogens. Dr. Pogue is a past president of the Society of Infectious Diseases Pharmacists and currently serves as chair of the Executive Committee of The United States Committee on Antimicrobial Susceptibility Testing.

**Radhika S. Polisetty, PharmD, BCIDP, FIDSA**

Dr. Polisetty is an associate professor in the Department of Pharmacy Practice at Midwestern University Chicago College of Pharmacy and clinical specialist, infectious diseases at Northwestern Medicine Central DuPage Hospital in Winfield. She graduated from the University of Kentucky College of Pharmacy in Lexington, and completed PGY1 (pharmacy practice) and PGY2 (infectious diseases specialty) residencies at the University of Pittsburgh Medical Center. Dr. Polisetty's primary area of focus for the past 15 years has been building and managing a comprehensive Antibiotic Stewardship Program at her practice site. She works closely with the Infectious Diseases Department and the Northwestern System Antimicrobial and Diagnostic Committee in the development of guidelines and protocols to promote appropriate prescribing of antimicrobials. Dr. Polisetty teaches infectious diseases pharmacotherapy at the college and is involved in precepting pharmacy students and PGY2 infectious diseases residents. She has been an active member of several local, state, and national organizations, including the ACCP Diversity and Inclusion Task force, ACCP Infectious Diseases PRN, ACCP HIV PRN, SIDP and Board of Pharmacy Specialties Infectious Diseases Council, and Northern Illinois Society of Health-System Pharmacist. She is passionate about promoting infectious diseases research and antimicrobial stewardship as a clinician and as an educator.

**Jenna J. Preusker, Pharm.D., BCPS**

Dr. Preusker received her Doctor of Pharmacy in 2013 from the University of Nebraska Medical Center College of Pharmacy. Following residency, she spent nine years at Faith Regional Health Services in Norfolk, Nebraska, a 130-bed acute care regional referral hospital where she started its antibiotic stewardship program in 2014. In 2022, she joined Nebraska Medicine as the pharmacy program coordinator for the Antimicrobial Stewardship Assessment and Promotion Program and also serves as the Healthcare Associated Infections and Antimicrobial Resistance Pharmacist at Nebraska Department of Health and Human Services. Her primary role is antimicrobial stewardship outreach across Nebraska to hospitals, long-term care facilities, outpatient clinics, dialysis centers, and dental clinics, working to build stewardship program infrastructure across facilities.

**Rajiv Shah, MBA**

Shah is the antimicrobial stewardship program coordinator and research associate for CIMPAR. He is the content creator and presenter for all stewardship related activities. He also works on research projects related to antimicrobial stewardship and creation of content for long-term care and acute care. He is a medical school graduate and holds a Master of Business Administration with emphasis in health care. He has been actively working with the CIMPAR antimicrobial stewardship team to organize, to conduct, and to educate providers on antimicrobial stewardship activities throughout Illinois.

**Sameer Vohra, MD, JD, MA**

Dr. Vohra was appointed August 1, 2022, as the director of the Illinois Department of Public Health by Gov. JB Pritzker. Dr. Vohra is a general pediatrician who holds degrees in law and public policy. He is a cross-disciplinary leader in state and national health policy formulation, and his recent focus has been on improving health outcomes in central and southern Illinois. Prior to his appointment, Dr. Vohra was the founding chair of the Southern Illinois University (SIU-SOM) School of Medicine Department of Population Science and Policy; a practicing primary care pediatrician; and an associate professor of pediatrics, public health, medical humanities, and law at SIU-SOM in Springfield. A graduate of the University of Chicago, where he earned a Master of Arts in public policy, Dr. Vohra completed his medical residency in pediatrics at the University of Chicago. He holds a medical doctorate from SIU-SOM, a juris doctorate from SIU School of Law, and a Bachelor of Arts in political science and science in human culture with honors from Northwestern University. Dr. Vohra previously served on the Illinois State Board of Health, the Children's Mental Health Partnership, the Illinois Medicaid Advisory Committee, the Governor's Rural Affairs Council, the Illinois COVID-19 Response Fund Steering Committee, and many national committees. He has received numerous honors, including a United States Fulbright Scholarship in 2009 and, in 2016, was named an Edgar Fellow as one of 40 emerging political and policy leaders in Illinois. In 2020, he was named a Presidential Leadership Scholar.

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