

**Program Agenda**  
**26<sup>th</sup> Annual Making a Difference in Infectious Diseases (MAD-ID) Meeting**  
**May 8-11, 2024**

NOTE: Entire program constitutes 20.50 hours (2.05 CEU) for pharmacists, 18.00 AMA PRA Category 1 Credits™  
 “AASP” denotes an Advanced Antimicrobial Stewardship Program session

<b>Wednesday, May 8, 2024</b>	
<b>12:00 pm – 8:00 pm</b>	<b>Registration Desk</b>
<b>1:00 pm – 2:00 pm</b>	<p><b>ID Educators Network Learning Lab</b> <i>(not CME accredited)</i>            Active Learning for Didactic Education            ACPE Program #: 0485-0000-24-004-L99-P (1.0 Contact Hour)            ACPE Activity Type: Application</p> <p>Speaker: Meghan N. Jeffres, PharmD</p>
<b>2:00 pm – 3:30 pm</b>	<p><b>ID Educators Network Curriculum for Residents</b> <i>(not CME accredited)</i>            Optimizing Pharmacy Resident Education in Antimicrobial Stewardship            ACPE Program #: 0485-0000-24-005-L99-P (1.5 Contact Hour)            ACPE Activity Type: Application</p> <p>Moderator: Meghan N. Jeffres, PharmD            Speaker(s): Elias B. Chahine, PharmD            Conan MacDougall, PharmD, MAS</p> <p>Learning Objectives:  <i>Upon completion of this session, the participant will be able to:</i></p> <ol style="list-style-type: none"> <li>1. Assess primary literature describing topics and skills used in the antimicrobial stewardship experiential curriculum for PGY-1 and PGY-2 pharmacy residents</li> <li>2. Evaluate primary literature describing delivery and assessment methods used in the antimicrobial stewardship experiential curriculum for PGY-1 and PGY-2 pharmacy residents</li> <li>3. Develop curriculum guidance for PGY-1 and PGY-2 pharmacy residents completing an antimicrobial stewardship learning experience using a Delphi model</li> </ol>
<b>1:00 pm – 3:30 pm</b>	<p><b>Trainee Premeeting Session:</b> <i>(not CE accredited)</i>            Panel Discussion and Networking Activity            Invited Platform Presentations</p> <p>Moderator: Susan L. Davis, PharmD            Panelists: TBD</p>
<b>3:30 pm – 4:00 pm</b>	<b>Break</b>
<b>4:00 pm – 6:00 pm</b>	<p><b>Classrooms #1- 4</b>  <i>All Classrooms are 1 hour each then repeated, you may attend two of the four offered</i></p>
<b>Classroom 1A</b>	<p><b>Implementing Scholarship of Teaching and Learning in Your ID and Stewardship Practice</b>            ACPE Program #: 0485-0000-24-006-L01-P (1.0 Contact Hour)            ACPE Activity Type: Application</p> <p>Moderator: Susan L. Davis, PharmD            Facilitator: Katie J. Suda, PharmD, MS</p> <p>Learning Objectives:  <i>Upon completion of this session, the participant will be able to:</i></p> <ol style="list-style-type: none"> <li>1. Provide examples of the use of SoTL in infectious diseases and antimicrobial stewardship</li> <li>2. Develop effective SoTL research questions for didactic or experiential settings</li> <li>3. Apply appropriate theoretical frameworks and research standards to SoTL in infectious diseases</li> </ol>

<b>Classroom 1B</b> <b>AASP</b>	<b>Augmented Antibigrams and Case Studies</b> ACPE Program #: 0485-0000-24-007-L01-P (1.0 Contact Hour) ACPE Activity Type: Application  Moderator: Michael J. Rybak, PharmD, MPH, PhD Facilitator: Conan MacDougall, PharmD, MAS  Learning Objectives: <i>Upon completion of this session, the participant will be able to:</i> <ol style="list-style-type: none"> <li>Describe the importance of and requirements for developing and maintaining institutional antibiotigrams</li> <li>Discuss the advantages of specialized and population-focused antibiograms</li> <li>Identify the key obstacles to develop specialized antibiograms</li> </ol>
<b>Classroom 1C</b> <b>AASP</b>	<b>Case-based Guide for NHSN Implementation</b> ACPE Program #: 0485-0000-24-008-L01-P (1.0 Contact Hour) ACPE Activity Type: Application  Moderator: Kerry L. LaPlante, PharmD Facilitator: Elizabeth S. Dodds Ashley, PharmD, MHS  Learning Objectives: <i>Upon completion of this session, the participant will be able to:</i> <ol style="list-style-type: none"> <li>Describe the requirements for participation in the NSHN AU and AR Options</li> <li>Identify strategies and challenges in gathering and submitting data elements for the NHSN AU and AR options</li> <li>Given a practice-based scenario, apply NHSN data to assess antimicrobial use and resistance trends</li> </ol>
<b>Classroom 1D</b> <b>AASP</b>	<b>ASP in Community Hospitals</b> ACPE Program #: 0485-0000-24-009-L01-P (1.0 Contact Hour) ACPE Activity Type: Application  Moderator: David R. Ha, PharmD Facilitator: Timothy P. Gauthier, PharmD  Learning Objectives: <i>Upon completion of this session, the participant will be able to:</i> <ol style="list-style-type: none"> <li>Discuss approaches to launch or expand an antibiotic stewardship program in a community hospital setting</li> <li>Identify strategies to improve program efficiency and overcome implementation barriers</li> <li>Collaborate with stewardship partners and leadership to maximize program impact</li> </ol>
<b>6:30 pm – 8:00 pm</b>	<b>Welcome Reception</b>

<b>Thursday, May 9, 2024</b>	
<b>6:30 am – 6:30 pm</b>	<b>Registration/Hospitality Desk</b>
<b>7:00 am – 8:00 am</b>	<b>Continental Breakfast in Exhibit Hall</b>
<b>8:00 am – 10:00 am</b>	<b>Classrooms #5-8</b> <i>All Classrooms are 1 hour each and then repeated; you may attend two of the four offered</i>
<b>Classroom 2A</b> <b>AASP</b>	<b>Pharmacy Directed Rapid Diagnostics Results and Therapy Changes</b> ACPE Program #: 0485-0000-24-010-L01-P (1.0 Contact Hour) ACPE Activity Type: Application  Moderator: Michael J. Rybak, PharmD, MPH, PhD Facilitator: Ashlan J. Kunz Coyne, PharmD, MPH

	<p>Learning Objectives:  <i>Upon completion of this session, the participant will be able to:</i></p> <ol style="list-style-type: none"> <li>1. Describe the advantages of rapid diagnostics for antimicrobial stewardship</li> <li>2. Discuss challenges that impact the ability of rapid diagnostics to improve patient outcomes</li> <li>3. Identify programs that employ pharmacists to improve the use of rapid diagnostics</li> </ol>
<p><b>Classroom 2B</b>  <b>AASP</b></p>	<p><b>Quality Improvement; Designing a Stewardship Intervention for TJC</b>  ACPE Program #: 0485-0000-24-011-L01-P (1.0 Contact Hour)  ACPE Activity Type: Application</p> <p>Moderator: David R. Ha, PharmD  Facilitator: Priya Nori, MD</p> <p>Learning Objectives:  <i>Upon completion of this session, the participant will be able to:</i></p> <ol style="list-style-type: none"> <li>1. Identify key regulatory requirements for antibiotic stewardship programs</li> <li>2. Prioritize stewardship interventions considering potential impact and feasibility</li> <li>3. Describe implementation strategies and approaches to measure success and feedback for continuous improvement</li> </ol>
<p><b>Classroom 2C</b></p>	<p><b>Stewarding the Supply, Dealing with Drug Shortages</b>  ACPE Program #: 0485-0000-24-012-L01-P (1.0 Contact Hour)  ACPE Activity Type: Application</p> <p>Moderator: Susan L. Davis, PharmD  Facilitator: Erin R. Fox, PharmD, MHA</p> <p>Learning Objectives:  <i>Upon completion of this session, the participant will be able to:</i></p> <ol style="list-style-type: none"> <li>1. Discuss the scope and factors contributing to drug shortages in the United States</li> <li>2. Identify best practices for preparing for antimicrobial drug shortages</li> <li>3. Given a practical scenario, outline a plan for responding to antimicrobial drug shortages</li> </ol>
<p><b>Classroom 2D</b>  <b>AASP</b></p>	<p><b>Successes and Struggles of OPAT Programs</b>  ACPE Program #: 0485-0000-24-013-L01-P (1.0 Contact Hour)  ACPE Activity Type: Application</p> <p>Moderator: Kerry L. LaPlante, PharmD  Facilitator: Ryan P. Mynatt, PharmD</p> <p>Learning Objectives:  <i>Upon completion of this session, the participant will be able to:</i></p> <ol style="list-style-type: none"> <li>1. Identify and discuss best practices for optimizing and standardizing monitoring in OPAT settings</li> <li>2. Describe essential stakeholders in a successful OPAT team</li> <li>3. Apply stewardship principles to simplify outpatient antimicrobial regimens to optimize patient outcomes</li> </ol>
<p><b>10:00 am – 10:30 am</b></p>	<p><b>Break in Exhibit Hall</b></p>
<p><b>10:00 am – 10:30 am</b></p>	<p><b>Exhibit Theater in Exhibit Hall</b></p>
<p><b>10:30 am – 10:45 am</b></p>	<p><b>Welcome and Opening Remarks</b>  Moderator: Michael J. Rybak, PharmD, MPH, PhD</p>
<p><b>10:45 am – 11:45 am</b></p>	<p><b>Keynote: Microbiome and AMR</b>  ACPE Program #: 0485-0000-24-014-L01-P (1.0 Contact Hour)  ACPE Activity Type: Application</p> <p>Moderator: Kerry L. LaPlante, PharmD  Speaker: Martin J. Blaser, MD</p>

	<p>Learning Objectives:  <i>Upon completion of this session, the participant will be able to:</i></p> <ol style="list-style-type: none"> <li>1. Describe the relationship between the microbiome and human diseases</li> <li>2. Explain the negative consequences of antibiotic-altered microbiota</li> <li>3. Discuss potential strategies to support preservation of the microbiome</li> </ol>
11:45 am – 1:30 pm	<b>Lunch on own</b>
11:45 am – 1:30 pm	<b>Satellite Symposium</b> ( <i>CorMedix™ title TBD</i> )
1:30 pm – 3:00 pm <b>AASP</b>	<p><b>Antimicrobial Development and PKPD</b>  ACPE Program #: 0485-0000-24-015-L01-P (1.5 Contact Hours)  ACPE Activity Type: Application</p> <p>Moderator: Michael J. Rybak, PharmD, MPH, PhD</p> <p><b>Plenary 1A PKPD's Impact on ID and Antimicrobial Stewardship</b>  Speaker: Joseph L. Kuti, PharmD</p> <p><b>Plenary 1B New Antibiotics in the Pipeline</b>  Speaker: Robert Bonomo, MD</p> <p>Learning Objectives:  <i>Upon completion of this session, the participant will be able to:</i></p> <ol style="list-style-type: none"> <li>1. Discuss the importance of PKPD in antimicrobial drug development and improving patient outcomes</li> <li>2. Prioritize the pathogens with the greatest need for new anti-infectives</li> <li>3. Discuss the future of PKPD and new antimicrobials on improving antimicrobial stewardship and resistance</li> </ol>
3:00 pm – 3:30 pm	<b>Break in Exhibit Hall</b>
3:00 pm – 3:30 pm	<b>Exhibit Theater in Exhibit Hall</b>
3:30 pm – 5:00 pm <b>AASP</b>	<p><b>Antifungal Therapeutics</b>  ACPE Program #: 0485-0000-24-016-L01-P (1.5 Contact Hours)  ACPE Activity Type: Application</p> <p>Moderator: Meghan N. Jeffres, PharmD</p> <p><b>Plenary 2A What's New in Antifungal Therapy</b>  Speaker: Melissa D. Johnson, PharmD</p> <p><b>Plenary 2B Getting Started with Stewardship in Immunocompromised Hosts and Invasive Fungal Infections</b>  Speaker: Lilian M. Abbo, MD</p> <p>Learning Objectives:  <i>Upon completion of this session, the participant will be able to:</i></p> <ol style="list-style-type: none"> <li>1. Describe the key and emerging fungal pathogens in immunocompetent and immunocompromised hosts</li> <li>2. Compare and contrast current and emerging antifungal therapies</li> <li>3. Describe key factors in applying and improving antifungal stewardship in immunocompromised patients</li> </ol>
5:00 pm – 6:30 pm	<b>Scientific Poster Session and Cocktail Reception in Exhibit Hall</b> ( <i>not accredited</i> )

**Friday, May 10, 2024**

6:30 am – 6:00 pm	<b>Hospitality Desk</b>
7:00 am – 8:00 am	<b>Continental Breakfast in Exhibit Hall</b>

<p><b>8:00 am – 9:30 am</b> <b>AASP</b></p>	<p><b>Tech Innovations for AMS</b> ACPE Program #: 0485-0000-24-017-L01-P (1.5 Contact Hours) ACPE Activity Type: Application</p> <p>Moderator: David R. Ha, PharmD</p> <p><b>Plenary 3A Antimicrobial Stewardship and Artificial Intelligence</b> Speaker: Elizabeth S. Dodds Ashley, PharmD, MHS</p> <p><b>Plenary 3B Artificial Intelligence and the Future of Infectious Diseases</b> Speaker: Ravi Patel, PharmD, MBA, MS</p> <p>Learning Objectives: <i>Upon completion of this session, the participant will be able to:</i></p> <ol style="list-style-type: none"> <li>1. Define artificial intelligence and compare and contrast with existing clinical decision support and data analysis tools</li> <li>2. Describe examples of successful application of artificial intelligence in infectious diseases and antimicrobial stewardship</li> <li>3. Identify future directions and research needs in the practical use of artificial intelligence in infectious diseases and antimicrobial stewardship</li> </ol>
<p><b>9:30 - 10:00 am</b></p>	<p><b>Break in Exhibit Hall</b></p>
<p><b>9:30 - 10:00 am</b></p>	<p><b>Exhibit Theater in Exhibit Hall</b></p>
<p><b>10:00 - 11:30 am</b> <b>AASP</b></p>	<p><b>Practice Guidelines for Gram-positive and Gram-negative</b> ACPE Program #: 0485-0000-24-018-L01-P (1.5 Contact Hours) ACPE Activity Type: Application</p> <p>Moderator: Meghan N. Jeffres, PharmD</p> <p><b>Plenary 4A Updates in Gram-negatives, ABC, and Steno</b> Speaker: Emily L. Heil, PharmD, MS</p> <p><b>Plenary 4B Updates in Gram-positives</b> Speaker: Warren E. Rose, PharmD</p> <p>Learning Objectives: <i>Upon completion of this session, the participant will be able to:</i></p> <ol style="list-style-type: none"> <li>1. Describe challenging gram-negative and gram-positive pathogens</li> <li>2. Discuss current guideline and guidance for treatment of key gram-negative and gram-positive pathogens</li> <li>3. Identify the knowledge gaps and therapeutic challenges for treatment</li> </ol>
<p><b>11:30 am – 1:30 pm</b></p>	<p><b>Lunch on own</b></p>
<p><b>11:45 am – 1:30 pm</b></p>	<p><b>Satellite Symposium (<i>Innoviva title TBD</i>)</b></p>
<p><b>1:30 pm – 3:00pm</b> <b>AASP</b></p>	<p><b>Outpatient Priorities</b> ACPE Program #: 0485-0000-24-019-L01-P (1.5 Contact Hours) ACPE Activity Type: Application</p> <p>Moderator: David R. Ha, PharmD</p> <p><b>Plenary 5A Clinical Updates in Vaccines</b> Speaker: Jeffrey A. Goad, PharmD, MPH</p> <p><b>Plenary 5B Outpatient AMS</b> Speaker: Priya Nori, MD</p> <p>Learning Objectives: <i>Upon completion of this session, the participant will be able to:</i></p> <ol style="list-style-type: none"> <li>1. Outline recent updates to CDC ACIP vaccine recommendations and their supporting clinical evidence</li> <li>2. Discuss core elements of outpatient antibiotic stewardship programs and approaches to analyze outpatient antibiotic data</li> </ol>

	3. Identify evidence-based outpatient antibiotic stewardship interventions and strategies to measure prescribing and program effectiveness
3:00 pm – 3:30 pm	<b>Break in Exhibit Hall</b>
3:00 pm – 3:30 pm	<b>Exhibit Theater in Exhibit Hall</b>
3:30 pm – 5:00 pm <b>AASP</b>	<p><b>Stewardship Across the Lifespan</b>  ACPE Program #: 0485-0000-24-020-L01-P (1.5 Contact Hours)  ACPE Activity Type: Application</p> <p>Moderator: Susan L. Davis, PharmD</p> <p><b>Plenary 6A AMS in Pediatrics</b>  Speaker: Taylor Morrisette, PharmD, MPH</p> <p><b>Plenary 6B AMS in Older Adults</b>  Speaker: Sarah Kabbani, MD</p> <p>Learning Objectives:  <i>Upon completion of this session, the participant will be able to:</i></p> <ol style="list-style-type: none"> <li>1. Identify antimicrobial stewardship priorities and challenges in pediatric and older adult patients</li> <li>2. Describe antibiotic use metrics and identify strategies to evaluate disparities in antibiotic use in children and older adults</li> <li>3. Explain the application of the Core Elements of Antibiotic Stewardship in pediatric and older adult populations</li> </ol>
5:00 pm – 6:00 pm	<b>Exhibitor Reception in Exhibit Hall</b>

<b>Saturday, May 11, 2024</b>	
6:30 am – 1:00 pm	<b>Hospitality Desk</b>
7:00 am – 8:00 am	<b>Continental Breakfast in Foyer</b>
8:00 am – 9:30 am <b>AASP</b>	<p><b>Updates in <i>C. diff</i> and Live Biologic Products</b>  ACPE Program #: 0485-0000-24-021-L01-P (1.5 Contact Hours)  ACPE Activity Type: Application</p> <p>Moderator: Kerry L. LaPlante, PharmD</p> <p><b>Plenary 7A Efficacy, Formulary, and Implementation</b>  Speaker: Kelly R. Reveles, PharmD, PhD</p> <p><b>Plenary 7B Safety Considerations and Strategies</b>  Speaker: Kevin W. Garey, PharmD, MS</p> <p>Learning Objectives:  <i>Upon completion of this session, the participant will be able to:</i></p> <ol style="list-style-type: none"> <li>1. Define the role of dysbiosis in <i>C. difficile</i> disease</li> <li>2. Identify place in therapy for live biotherapeutic products (LBPs) for <i>C. difficile</i></li> <li>3. Discuss safety concerns and operational challenges in supply and access to LBPs</li> </ol>
9:30 am – 10:00 am	<b>Break in Foyer</b>
10:00 am – 11:30 am	<p><b>What Did You Miss in Infectious Diseases in 2023-2024</b>  ACPE Program #: 0485-0000-24-022-L01-P (1.5 Contact Hours)  ACPE Activity Type: Application</p> <p>Moderator: Susan L. Davis, PharmD</p> <p><b>Plenary 8A/8B Hot Topics: What Did You Miss in Infectious Diseases 2023-2024</b></p>

	<p>Speaker(s): Emily L. Heil, PharmD, MS Mandee M. Noval, PharmD</p> <p>Learning Objectives: <i>Upon completion of this session, the participant will be able to:</i></p> <ol style="list-style-type: none"> <li>1. Identify major developments published in the ID literature from May 2023 through April 2024</li> <li>2. Summarize important new clinical studies or guidelines impacting antimicrobial use and resistance</li> <li>3. Discuss preliminary findings of key unpublished studies that were presented at recent ID conferences</li> </ol>
<p><b>11:30 am – 12:30 pm</b></p>	<p><b>Meet the Professors</b></p> <p>ACPE Program #: 0485-0000-24-023-L01-P (1.0 Contact Hour) ACPE Activity Type: Application</p> <p>Facilitator: Michael J. Rybak, PharmD, MPH, PhD</p> <p>Panelists: TBD (<i>typically 5 ppl</i>)</p> <p>Learning Objectives: <i>Upon completion of this session, the participant will be able to:</i></p> <ol style="list-style-type: none"> <li>1. List the top antimicrobial controversies of 2023-24</li> <li>2. Identify a therapeutic intervention to address multidrug resistant pathogens</li> <li>3. Describe an antimicrobial stewardship strategy or priority that directly relates to your practice or institution</li> </ol>
<p><b>12:30 pm</b></p>	<p><b>Meeting Adjourns</b></p>