



Penn Medicine
Continuing Medical and
Interprofessional Education

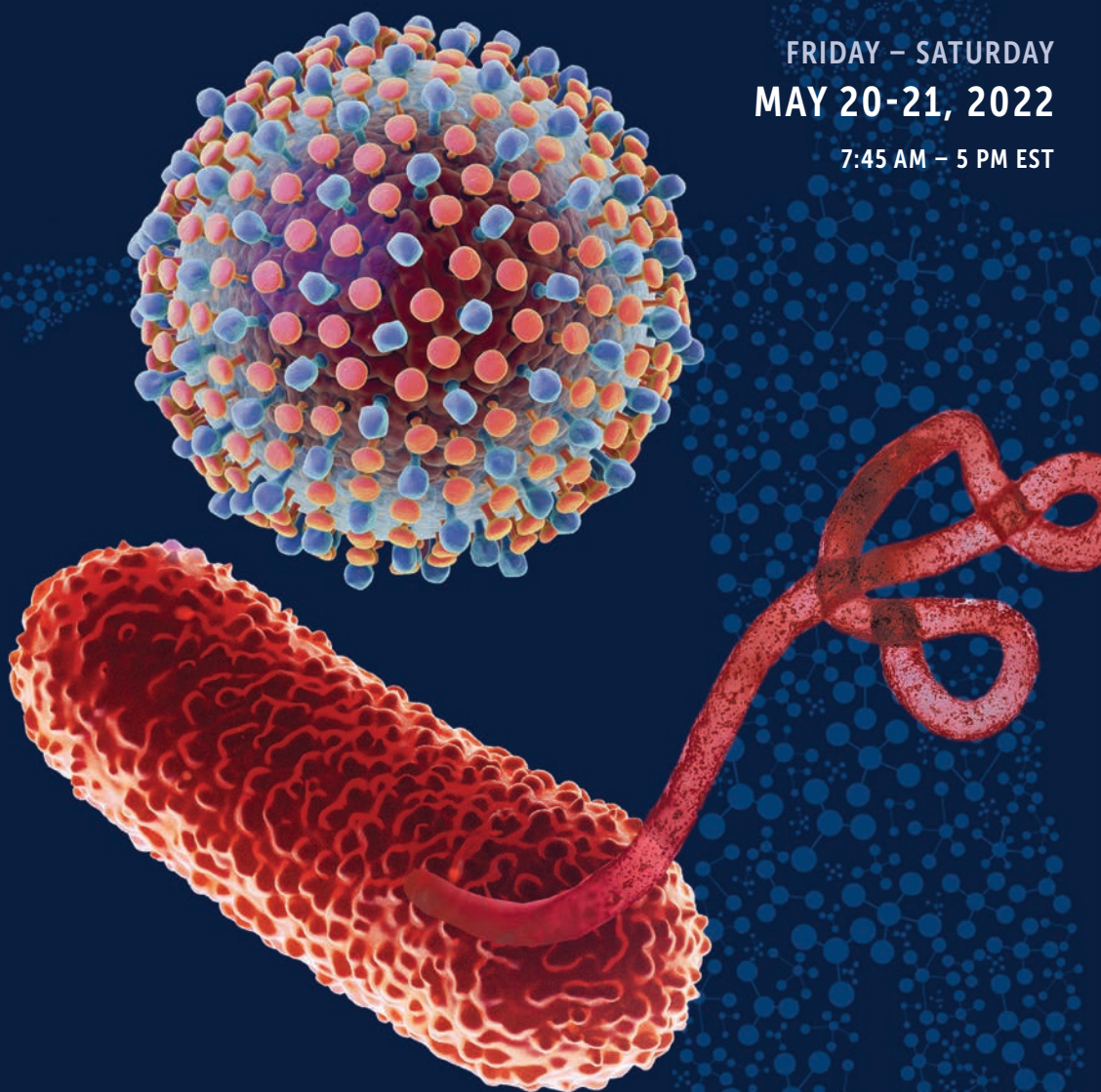
LIVE VIRTUAL

INFECTIOUS DISEASE UPDATE FOR PRIMARY CARE PROVIDERS 2022

CME/CE-ACCREDITED CONFERENCE

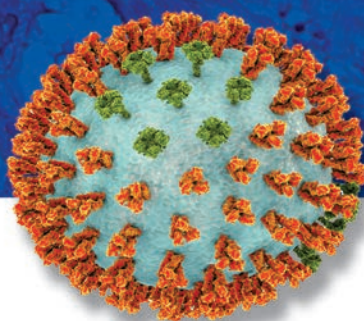


FRIDAY – SATURDAY
MAY 20-21, 2022
7:45 AM – 5 PM EST



<https://upenn.cloud-cme.com/InfectiousDisease2022>

PROGRAM OVERVIEW & TARGET AUDIENCE



The overall goal of the two-day conference is to share state-of-the-art information related to infectious diseases clinical practice as it is applied in the outpatient as well as the inpatient setting. The course, taught by experts in the field from the University of Pennsylvania, will include core topics such as antibiotics and antimicrobial resistance, skin and soft tissue infections, endocarditis, hepatitis C virus and its treatment, musculoskeletal infections, sexually transmitted diseases, human immunodeficiency virus (HIV) care, tick-borne illness, travel medicine, vaccines, *Clostridioides difficile* infections, and non-infectious causes of fever. The conference aims to enable physicians and nurses to stay current with best practices, diagnoses, and treatments of common infectious diseases diagnosed in the primary care and other practice settings. The conference will provide relevant management advice and critical information relevant to clinical decision-making. The lectures, case discussions, and panels will provide helpful pearls as well as thorough reviews of the diagnosis and management of complex cases as instructive examples. The content is intended to augment the attendees' ability to practice medicine according to the most recent available guidelines related to infectious disease and to broaden their knowledge of this rapidly changing field.

The conference will help physicians and nurses keep up-to-date in adult infectious diseases, improve their ability to create the appropriate differential diagnoses, help improve clinical management of infectious diseases cases, and expand their knowledge base of pathogens and their clinical presentations.

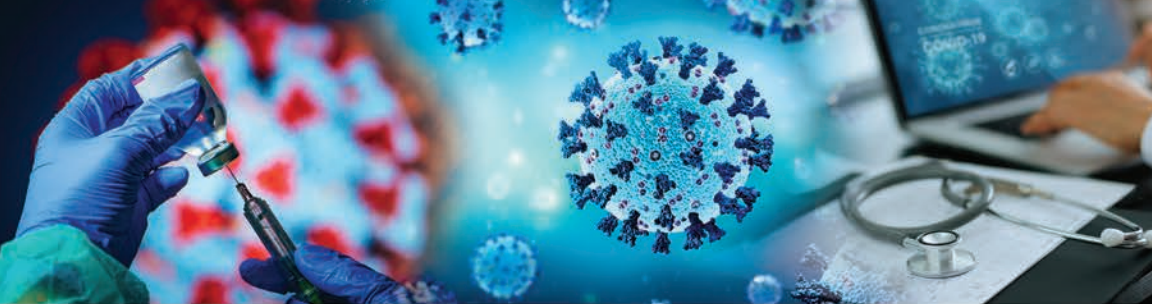
LEARNING OBJECTIVES

Upon conclusion of this educational activity, the participant will be better able to:

- Determine the necessary length of antibiotic treatment for common infections.
- Recall the appropriate test to diagnose common sexually transmitted infections and identify the optimal therapy for each.
- Discuss the different clinical manifestations of Lyme Disease and the recommended testing and treatment for each.
- Describe the indications for HIV pre-exposure prophylaxis (PrEP) and name the medication recommended for this purpose.
- Name the first-line treatment for the treatment of chronic Hepatitis C virus infection and the indications for referral to a specialist.
- Describe the approach to choosing empiric therapy for a skin and soft tissue infection.
- Discuss the benefits and risks of three antibiotics in the treatment of *C. difficile* infections and the role of fecal microbiota transplantation.
- Describe the indications for two common COVID-19 vaccines, as well as indications for oral and intravenous therapies for COVID-19.

HOSTING DEPARTMENT

Infectious Disease Update for Primary Care Providers 2022 is hosted by the Division of Infectious Diseases, Department of Medicine at the University of Pennsylvania.



ACCREDITATION



In support of improving patient care, Penn Medicine 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 healthcare team.

DESIGNATION OF CREDIT

Physicians: Penn Medicine designates this live activity for a maximum of 15.0 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.



ABIM MOC: Successful completion of this CME activity, which includes participation in the evaluation component, enables the participant to earn up to 15.0 MOC points in the American Board of Internal Medicine's (ABIM)

Maintenance of Certification (MOC) program. Participants will earn MOC points equivalent to the amount of CME credits claimed for the activity. It is the CME activity provider's responsibility to submit participant completion information to ACCME for the purpose of granting ABIM MOC credit.

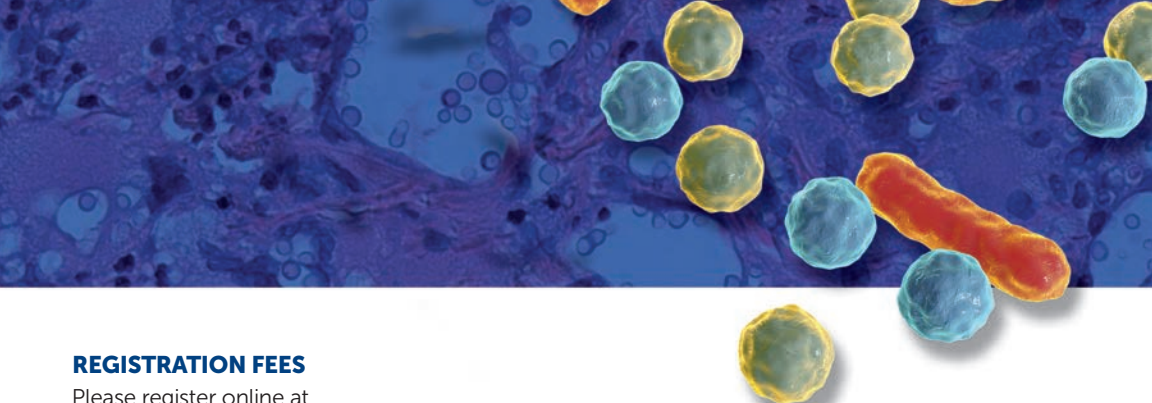
Nurses: This program provides 15.0 NPDS.

Pharmacists: This knowledge-based activity is approved for 15.0 ACPE contact hours of continuing pharmacy education credit. JA0000324-0000-22-005-L01-P.

Physician Assistants: AAPA accepts certificates of participation for educational activities certified for *AMA PRA Category 1 Credit™* from organizations accredited by ACCME or a recognized state medical society. PAs may receive a maximum of 15.0 Category 1 credits for completing this activity.

Certificates and Transcripts: After the conference has concluded, all participants will receive a follow-up email with instructions and a link with instructions on how to claim their credit. Once participants submit the request for credit, the earned credits will be available for viewing on your transcript or available for printing at <https://upenn.cloud-cme.com>. Please note that the individual certificate will not be mailed.

NONDISCRIMINATION STATEMENT The University of Pennsylvania values diversity and seeks talented students, faculty, and staff from diverse backgrounds. The University of Pennsylvania does not discriminate on the basis of race, sex, sexual orientation, gender identity, religion, color, national or ethnic origin, age, disability, or status as a Vietnam Era Veteran or disabled veteran in the administration of educational policies, programs or activities; admissions policies; scholarship and loan awards; athletic, or other University administered programs or employment. Questions or complaints regarding this policy should be directed to Executive Director, Office of Affirmative Action and Equal Opportunity Programs, 3600 Chestnut Street, Sansom Place East Suite 228, Philadelphia, PA 19104-6106 or 215-898-6993 (Voice) or 215-898-7803 (TDD). www.upenn.edu/affirm-action.



REGISTRATION FEES

Please register online at

<https://upenn.cloud-cme.com/InfectiousDisease2022>.

The fees to attend are as follows: \$195 for physicians and industry attendees, \$95 for nurse practitioners, nurses, pharmacists, physician assistants, researchers and other healthcare professionals, and \$25 for residents, fellows and students. The fees cover registration for both days, regardless if attendance is on one or both days.

The registration fee is \$25 for Penn Medicine Department of Medicine and affiliated institutions employees, faculty and staff.

All pre-registered virtual attendees will receive an email that includes a link with instructions to sign-in and join the virtual conference 48 hours preceding the symposium, as well as the attendee booklet (downloadable PDF). Registration also includes access to view the presentations online for one year.

Need to Register by Mail? Please note: mailed registrations can take up to 5-10 business days before they are received. We are experiencing longer delays in receiving mail due to the U.S. postal service issues. We encourage all attendees to register online. See the registration form for mailing instructions. All registrations will be confirmed by email as long as your registration is received no later than May 19, 2022. **BE SURE TO CHECK YOUR SPAM BOX FOR EMAILS REGARDING THIS CONFERENCE.**

How to Register Online: If you do not already have a UPenn Cloud CME profile, you will need to create one by visiting: **<https://upenn.cloud-cme.com>** and using your email address and then selecting the "Don't have an account?" option. Please be sure you do not already have an existing UPenn Cloud CME account before creating a new profile. All Penn Medicine employees, faculty and staff must sign-in using your UPenn ID.

DISCLOSURES

Penn Medicine, Office of Continuing Medical and Interprofessional Education, adheres to the *ACCME Standards for Integrity and Independence in Accredited Continuing Education*. Faculty disclosure information will be made available in the conference materials and syllabi. Faculty members are also expected to disclose products or devices within to participants any discussions of off-label and/or investigational uses of pharmaceutical products within their presentations.

CANCELLATION POLICY

In order to process refunds for course withdrawals, cancellations must be received in writing by May 6, 2022 and are subject to a \$15.00 service charge. No refunds will be issued thereafter.

In the event of cancellation or postponement, the University will refund registration fees.

FACULTY



With the exception of the guest faculty, the Course Directors & Faculty hold academic and/or clinical appointments from the Perelman School of Medicine at the University of Pennsylvania and Penn Medicine, Philadelphia, PA

CONFERENCE DIRECTORS

Michael Z. David, MD, PhD
Assistant Professor of Medicine
Assistant Professor of Epidemiology

William R. Short MD, MPH
Associate Professor of Clinical Medicine
and Associate Professor of Obstetrics
and Gynecology

SPEAKERS

Nancy Aitcheson, MD, MSHP
Assistant Professor of Clinical Medicine

Anne H. Norris, MD
Associate Professor of Clinical Medicine

Valerianna K. Amorosa, MD
Professor of Clinical Medicine

Judith O'Donnell, MD
Professor of Clinical Medicine

Kathleen Degnan, MD
Assistant Professor of Clinical Medicine

Randi S. Silibovsky, MD
Professor of Clinical Medicine

Stephen J. Gluckman, MD
Professor of Medicine

Zsofi Szep, MD
Associate Professor of Clinical Medicine

Keith W. Hamilton, MD
Associate Professor of Clinical Medicine

Naasha Talati, MD
Associate Professor of Clinical Medicine

Jerry Jacob, MD, MS
Assistant Professor of Clinical Medicine

Pablo Tebas, MD
Professor of Medicine

Brenden J. Kelly, MD, MSCE
Assistant Professor of Medicine

Jessie Torgersen, MD, MSCE
Instructor of Medicine

Helen C. Koenig, MD, MPH
Associate Professor of Clinical Medicine

Leah Turner, CRNP*
Clinical Nurse Practitioner
MacGregor Infectious Diseases Clinic
Hospital of the University of Pennsylvania
*Nurse Planner

Ebbing Lautenbach, MD, MPH, MSCE
Robert Austrian Professor of Medicine
Professor of Epidemiology in
Biostatistics and Epidemiology

Blair Weikert, MD
Associate Professor of Clinical Medicine

Peter Liu, MD
Assistant Professor of Clinical Medicine

Erica Weinstein, MD
Post-Doctoral Fellow, Division of Infectious
Diseases, Department of Medicine

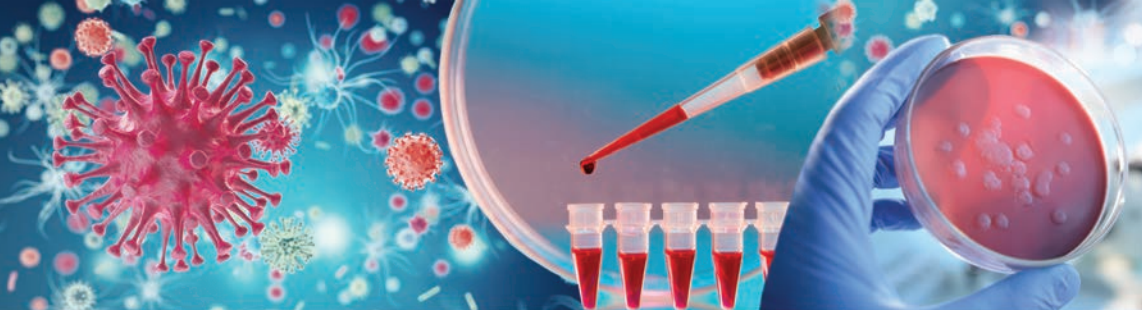
Sarah A. Longworth, MD
Assistant Professor of Clinical Medicine

Jessica Meisner, MD, MS, MSHP
Assistant Professor of Clinical Medicine

Drew Weissman, MD, PhD
Roberts Family Professor in Vaccine Research

Kathleen Murphy, MD
Assistant Professor of Clinical Medicine

Kathryn Whitaker, MD
Assistant Professor of Clinical Medicine



INFECTIOUS DISEASE UPDATE FOR PRIMARY CARE PROVIDERS 2022

AGENDA | FRIDAY, MAY 20, 2022

7:45 AM	Sign into Virtual Platform
8:00 AM – 8:15 AM	Welcome and Greetings <i>Ebbing Lautenbach MD, MPH, MSCE; William R. Short MD, MPH Michael Z. David, MD, MS, PhD</i>
8:15 AM – 8:45 AM	Keynote Speaker: Update on COVID Vaccines <i>Drew Weissman, MD</i>
8:45 AM – 9:15 AM	Antibiotic Primer I (Antibacterials) <i>Kathleen Degnan, MD</i>
9:15 AM – 9:45 AM	Antibiotic Allergies in the Primary Care Setting <i>Keith W. Hamilton, MD</i>
9:45 AM – 10:00 AM	Break
10:00 AM – 10:30 AM	Antibiotic Primer II (Antibacterials) <i>Kathleen Degnan, MD</i>
10:30 AM – 11:15 AM	Tick-Borne Illnesses <i>Anne H. Norris, MD</i>
11:15 AM – 12:00 PM	Diagnosis and Management of Latent Tuberculosis <i>Naasha Talati, MD</i>
12:00 PM – 1:00 PM	Lunch
1:00 PM – 1:30 PM	Bacterial Endocarditis/Bacteremia <i>Jessica Meisner, MD, MS, MSHP</i>
1:30 PM – 2:00 PM	Update on PrEP/PEP (New Guidelines) <i>Helen C. Koenig, MD, MPH</i>
2:00 PM – 2:45 PM	What a Primary Care Provider Should Know About HIV <i>Nancy Aitcheson, MD, MSHP</i>
2:45 PM – 3:15 PM	Hepatitis C Diagnosis and Treatment <i>Jessie Torgersen, MD, MSCE</i>
3:15 PM – 3:30 PM	Break
3:30 PM – 4:00 PM	Sexually Transmitted Infections <i>Judith O'Donnell, MD</i>
4:00 PM – 4:30 PM	COVID Diagnosis/Therapeutics <i>Kathleen Murphy, MD</i>
4:30 PM – 5:00 PM	Mimics of Infection <i>Valerianna K. Amorosa, MD</i>
5:00 PM	Adjourn



INFECTIOUS DISEASE UPDATE FOR PRIMARY CARE PROVIDERS 2022

AGENDA | SATURDAY, MAY 21, 2022

7:45 AM	Sign into Virtual Platform
8:00 AM – 8:15 AM	Welcome Day 2 <i>William R. Short MD, MPH and Michael Z. David, MD, MS, PhD</i>
8:15 AM – 9:00 AM	Urinary Tract Infections/Asymptomatic Bacteriuria <i>Blair Weikert, MD</i>
9:00 AM – 9:45 AM	Orthopedic Infections/Osteomyelitis <i>Randi S. Silibovsky, MD</i>
9:45 AM – 10:00 AM	Break
10:00 AM – 10:45 AM	Medical Advice for International Travel <i>Stephen J. Gluckman, MD</i>
10:45 AM – 11:15 AM	Pressure Ulcers and Their Infections <i>Erica Weinstein, MD</i>
11:15 AM – 12:00 PM	Bacterial Respiratory Infections <i>Peter Liu, MD</i>
12:00 PM – 1:00 PM	Lunch
1:00 PM – 1:30 PM	Emerging Infectious Diseases <i>Pablo Tebas, MD</i>
1:30 PM – 2:00 PM	The Impact of the Opioid Epidemic on ID <i>Zsofi Szep, MD</i>
2:00 PM – 2:45 PM	Adult Immunizations <i>Sarah A. Longworth, MD</i>
2:45 PM – 3:15 PM	Clostridium Difficile Update <i>Brenden J. Kelly, MD, MSCE</i>
3:15 PM – 3:30 PM	Break
3:30 PM – 4:00 PM	Diarrheal Illnesses <i>Jerry Jacob, MD, MS</i>
4:00 PM – 4:30 PM	Skin and Soft Tissue Infections <i>Michael Z. David, MD, MS, PhD</i>
4:30 PM – 5:00 PM	What a Primary Care Provider Should Know About Transplant Infections <i>Kathryn Whitaker, MD</i>
5:00 PM	Closing Remarks & Adjourn <i>William R. Short MD, MPH and Michael Z. David, MD, MS, PhD</i>

Registration Form

LIVE VIRTUAL

INFECTIOUS DISEASE UPDATE FOR
PRIMARY CARE PROVIDERS 2022

FRIDAY – SATURDAY
MAY 20-21, 2022

7:45 AM – 5:00 PM EST

We strongly encourage you to register for this conference online by check or credit card at
<https://upenn.cloud-cme.com/Infectious Disease2022>

Questions? Contact us at:

penncme@pennteam.upenn.edu • Phone: 215-898-6400 or 215-898-8005

Please note we are unable to accept faxed registration forms.

Please print or type

Name (First)			(Last)		
Academic Degree					
Medical Specialty					
Affiliation (Hospital, Office, or Company)					
Address (<input type="checkbox"/> Affiliation or <input type="checkbox"/> Home)					
City		State		Zip	
Phone			Fax		
E-mail					

REGISTRATION FEE

(pre-payment is required to be officially registered)

- ☐ Physicians and industry employees – \$195
- ☐ Nurse practitioners, nurses, pharmacists, physician assistants, researchers and other healthcare professionals – \$95
- ☐ Residents, fellows and students – \$25
- ☐ Penn Medicine faculty, staff and employees – \$25

PAYMENT METHOD

- If you are paying by check or credit card, please register online at
<https://upenn.cloud-cme.com/Infectious Disease2022>
- If you are paying by check, you may mail your completed registration form and check made payable to **The Trustees of the University of Pennsylvania/CME** to:
Conference Manager, Office of Continuing Medical & Interprofessional Education
Perelman School of Medicine/CME
JMEC, SPE, 6th Floor, University of Pennsylvania
3400 Civic Center Blvd, Building 421, Philadelphia, PA 19104-5162
- Do not include any credit card information on the registration form or share via email.