



JOHNS HOPKINS
M E D I C I N E

Division of Infectious Diseases

Intensive Course on Infectious Diseases in Primary Care (U.S.)



May 31 – June 1, 2024

Scott-Bates Commons

Johns Hopkins University Homewood Campus

Baltimore, Maryland, U.S. | 21218

COURSE DESCRIPTION

The Intensive Course on Infectious Diseases for Primary Care (U.S.) Program is designed to provide clinicians and health care professionals with a thorough understanding of various infectious diseases commonly encountered from outpatient clinics to emergency departments to hospitals. Through eight self-paced, comprehensive online modules and a two day in-person conference (no virtual option), health care professionals will develop the knowledge and skills necessary to effectively address, manage, and prevent infectious diseases, while promoting optimal patient outcomes. The course provides an opportunity to learn and interact with world renowned faculty from the Johns Hopkins Division of Infectious Diseases.

Upon successful completion, learners will receive a Certificate of Completion from Johns Hopkins School of Medicine and the Division of Infectious Diseases. While not conveying academic credit, it will document the learner's competency in the knowledge and skills delivered in the program and successful completion of course requirements.

WHO SHOULD ATTEND

This program is intended for emergency medicine physicians, family practitioners, internists, public health practitioners, nurses, nurse practitioners, and physician assistants, as well as other health care workers or researchers interested in additional professional development.

OBJECTIVES

After attending this activity, the learner will demonstrate the ability to:

- Name the agents recommended for inclusion in first-line anti-retroviral therapy (ART) to facilitate selection of initial treatment regimens for newly diagnosed patients, and acquire knowledge of usage of ARV decision support tools.
- Acquire proficiency in the screening, diagnosis, and treatment of latent TB infection.
- Comprehend common bacterial skin infections, viral skin infections, fungal skin infections, and parasitic skin infections, including their clinical presentation, etiology, and common pathogens, to effectively diagnose and manage these infections in primary care settings.
- Express comprehensive knowledge of antibiotic resistance, driving factors, and its global impact, to define the problem and appreciate its scope and relevance to primary care settings.
- Acquire proficiency in recognizing the clinical presentation of STIs, including symptoms, physical findings, and the appropriate use of diagnostic tests, to facilitate accurate and timely diagnosis for appropriate management and treatment.

ACCREDITATION STATEMENT

The Johns Hopkins University School of Medicine is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.



CREDIT DESIGNATION STATEMENT

The Johns Hopkins University School of Medicine designates this live activity for a maximum of 25.50 *AMA PRA Category I Credits*[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

POLICY ON PRESENTER AND PROVIDER DISCLOSURE

It is the policy of the Johns Hopkins School of Medicine that the presenter and provider globally disclose conflicts of interest. The Johns Hopkins School of Medicine OCME has established policies in place to identify and mitigate relevant conflicts of interest prior to this educational activity. Detailed disclosure will be made prior to presentation of the education.

OTHER CREDITS

American Board of Internal Medicine's (ABIM) Maintenance of Certification (MOC) Program

Successful completion of this CME activity, which includes participation in the evaluation component, enables the participant to earn up to 25.50 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.



American Academy of Family Physicians

Application for CME credit has been filed with the American Academy of Family Physicians. Determination of credit is pending.

American Academy of Nurse Practitioners National Certification Program

American Academy of Nurse Practitioners National Certification Program accepts *AMA PRA Category I Credit*[™] from organizations accredited by the ACCME.

American Nurses Credentialing Center

American Nurses Credentialing Center (ANCC) accepts *AMA PRA Category I Credit*[™] from organizations accredited by the ACCME.

National Commission on Certification of Physician Assistants (NCCPA)

PAs may claim a maximum of 25.50 Category I credits for completing this activity. NCCPA accepts *AMA PRA Category I Credit*[™] from organizations accredited by ACCME or a recognized state medical society.

Contact Hours for Non-Physicians

The Johns Hopkins University has approved this activity for 25.50 contact hours for non-physicians.

The Johns Hopkins School of Medicine takes responsibility for the content, quality and scientific integrity of this CME activity.

PROGRAM AT A GLANCE

The program will cover a range of topics, including HIV and opportunistic infections, tuberculosis and other mycobacterial infections, hepatitis viruses, sexually transmitted infections, urinary tract infections, vaginitis, respiratory infections, antimicrobial resistance, vaccines, skin and soft tissue infections, and vector-borne illnesses.

Interactive case studies and clinical decision-making exercises will facilitate the application of acquired knowledge in real-world scenarios.

GENERAL INFORMATION

Online modules available April 1, 2024, and must be completed by June 30, 2024.

REGISTRATION: IN-PERSON COURSE

Friday, May 31, 2024 | 7:00 a.m. – 8:00 a.m.

LOCATION

Scott-Bates Commons

The Commons Room (Salons A, B, and C)

Johns Hopkins University Homewood Campus

10 East 33rd Street

Baltimore, Maryland 21218

[Campus Map \(#16 Scott-Bates Commons, formerly known as Charles Commons\)](#)

The Scott-Bates Commons is located on 33rd Street between St. Paul and Charles Streets. The Commons Room is located within the Conference Center on the 3rd Floor. Limited parking is available in the Nine East 33rd Garage, operated by SP+. Parking may be reserved in advance and online through SpotHero.com. The garage address is 3271 North Lovegrove Street. Additional street parking is available for a fee. Johns Hopkins is smoke-free.

FEES

Register Online:

<https://medicine.learnmore.jhu.edu/browse/infectiousdisease/courses/Immeinfectiousdiseaseupdateehybridusa2024-infectious-disease-update-for-primary-care-providers---hybrid-usa>

Methods of Payment: Learners must register and submit full payment prior to the start of the activity. On-site payments can only be accepted if made by learners via credit card through the online portal by 5:00 p.m. ET on the first day of the activity. The registration fee includes access to the online modules, attendance at the in-person conference, instructional materials, refreshment breaks, and lunches.

Registration: \$750.00

Register by April 1, 2024, to receive the early bird rate of \$650

You will receive a confirmation by e-mail. If you have not received it by May 24, 2024, email JHOnline@jhmi.edu to confirm that you are registered. A transcript of attendance will be available upon attestation of your credit hours and submission of the post activity online evaluation.

The Johns Hopkins University reserves the right to cancel or postpone any activity due to unforeseen circumstances. In this event, the University will refund the registration fee but is not responsible for travel expenses. Additionally, we reserve the right to change the venue to a comparable venue. Under such circumstances registrants will be notified as soon as possible.

SYLLABUS

The syllabus will be accessible online and via your mobile device in the CloudCME App prior to the activity.

LOG IN INFORMATION

You will receive an account registration invite by email. Once you have registered your account on learnmore.jhu.edu, you will be able to register for the conference and complete your purchase. Once registration is completed, you will receive an email confirming your enrollment. Please check your spam/junk folder or your 'Other' inbox if using the focused inbox feature in Outlook. If you do not receive the registration invite or have issues registering for the conference, please contact JHOnline@jhmi.edu.

HOTEL AND TRAVEL INFORMATION

The Study at Johns Hopkins

(410) 243-0030
3215 North Charles Street
Baltimore, Maryland 21218
Website: <https://www.thestudyatjohnshopkins.com/>

The Study at Johns Hopkins is the first and only hotel located on the university's Homewood Campus. A contemporary transformation of the century-old Blackstone Apartments located at 33rd and Charles Street, The Study offers an immersive experience in campus life and the eclectic energy of Charles Village. The Study is located directly across the street from Scott-Bates Commons where the in-person conference will take place. Make your reservation online at <https://reservations.thestudyatjohnshopkins.com/114532?RatePlanId=7317858#/guestsandrooms> to receive the Johns Hopkins rate which fluctuates based on availability.

Lord Baltimore Hotel

(855) 539-1928 | (410) 539-8400
20 West Baltimore Street
Baltimore, Maryland 21201
Website: <http://www.lordbaltimorehotel.com/>

HOTEL RESERVATION CUT-OFF DATE: April 30, 2024

A limited block of sleeping rooms has been reserved for your convenience and will be available on a first come, first served basis.

The Lord Baltimore Hotel, a newly renovated historic hotel in the heart of Baltimore's business district, is connected to the Inner Harbor and Convention Center via skywalks, just two blocks from Oriole Park at Camden Yards. Make your reservation online at <https://www.lordbaltimorehotel.com/book/dates-of-stay?groupID=4190572> or call the hotel directly and specify that you are attending the **Johns Hopkins Infectious Disease for the Primary Care Provider** to receive the special group rate of \$169.00 single or double, plus tax. Check-in time is 3:00 p.m. Check-out time is 12:00 noon. Complimentary shuttle service will be provided by the hotel to and from Scott-Bates Commons.

HOW TO OBTAIN CREDIT

Post activity, an online evaluation will be available to attendees to evaluate the activity and individual presentations and to identify future educational needs. Upon completion of the evaluation, the learner must attest to the number of hours in attendance. Credits earned will be added to the learner's transcript and immediately available for print. **The last day to access the evaluation and attest to your credits is June 30, 2024.**

An outcome survey will be sent to all physician attendees within two months post activity to assist us in determining what impact this activity had on the learner's practice. A transcript of attendance will be available upon attestation and submission of the post activity online evaluation.

AMERICANS WITH DISABILITIES ACT

The Johns Hopkins School of Medicine fully complies with the legal requirements of the ADA and the rules and regulations thereof. Please notify us if you have any special needs.

TO REGISTER or FOR FURTHER INFORMATION

Register Online

<https://medicine.learnmore.jhu.edu/browse/infectiousdisease/courses/lmmeinfectiousdiseaseupdatehybridusa2024-infectious-disease-update-for-primary-care-providers---hybrid-usa>

Confirmation/Certificates/Transcripts: (410) 502-9636

General Information: (410) 955-2959

E-mail the Office of CME: cmenet@jhmi.edu

Follow us on Twitter: <http://twitter.com/HopkinsCME>

Facebook: <http://www.facebook.com/HopkinsCME>



Check out our mobile app CloudCME.
Organization Code: HopkinsCME

For technical assistance with website, CloudCME, or credits, please visit our tech support help page:
<https://hopkinscme.cloud-cme.com/about/help>

Sponsoring Division Website: <https://www.hopkinsmedicine.org/infectious-diseases>

For general information, please visit the activity webpage:
<https://medicine.learnmore.jhu.edu/browse/infectiousdisease/courses/lmmeinfectiousdiseaseupdateahybridusa2024-infectious-disease-update-for-primary-care-providers---hybrid-usa>

COMMERCIAL SUPPORT

The Johns Hopkins School of Medicine did not solicit or receive commercial funding from any ineligible companies, including pharmaceutical and medical device manufacturers, for this activity.

COURSE AGENDA

This program requires completion of both a self-paced, comprehensive online curriculum and a two day in-person course. There is no virtual option for the in-person component. Further information on how to access online content will be shared with registered participants via email.

NOTE: If you are registering for the Intensive Course on Infectious Diseases for Primary Care (U.S.), you will automatically be conferred access to this online curriculum. You do not need to register separately for the Primer on Infectious Diseases online course.

ONLINE CURRICULUM

Access dates: April 1, 2024 – June 30, 2024

Course duration: ~14 hours of self-directed e-lectures

Module 1: HIV and HIVAssist (120 minutes)

Module 2: Mycobacteria (120 minutes)

Module 3: Skin and Soft Tissues Infections (85 minutes)

Module 4: Lower Respiratory Tract Infections (105 minutes)

Module 5: Vaccine Updates (80 minutes)

Module 6: Antibiotic Stewardship and Antimicrobial Resistance (75 minutes)

Module 7: Sexually Transmitted Infections (140 minutes)

Module 8: Vector-borne Infections (125 minutes)

[View the complete online curriculum](#)

IN-PERSON CURRICULUM AGENDA

Day I: May 31, 2024

7:00 a.m. – 8:00 a.m. Registration & Coffee

8:00 a.m. – 8:15 a.m.: Welcome and Conference Goals

- [Maunank Shah, MD, PhD](#)
- [Michael Melia, MD](#)

8:15 a.m. – 8:45 a.m.: What's Hot: New ID Guidelines

- [Maunank Shah, MD, PhD](#)

Primer on Common Bacterial Infections

8:45 a.m. – 9:30 a.m.: ID Emergencies

- [Chris Lippincott, MD, MPH](#)

9:30 a.m. – 10:15 a.m.: Case-based: Infections in Immunosuppressed Hosts

- [William Werbel, MD, PhD](#)

10:15 a.m. – 10:30 a.m.: Break

10:30 a.m. – 11:15 a.m.: Antibiotic Allergies

- [Santiago Alvarez Arango, MD](#)

11:15 a.m. – 12:00 p.m.: Self-testing & Emerging POC Diagnostics

- [Yuka Manabe, MD](#)

12:00 p.m. – 1:15 p.m.: Lunch and Expert Q&A

1:15 p.m. – 2:00 p.m.: Antibiotic Usage in Elderly

- [Morgan Katz, MD, MHS](#)

Virology, Parasites, and Other Important Clinical Syndromes for Primary Care Clinicians

2:00 p.m. – 3:00 p.m.: Hepatitis C: New Diagnostics, Initial Management, Treatment

- [Mark Sulkowski, MD](#)

3:00 p.m. – 3:15 p.m.: Refreshment Break

IN-PERSON CURRICULUM AGENDA

Day 1: May 31, 2024, cont.

3:15 p.m. – 4:00 p.m.: Fever in the Returning Traveler

- [Noreen Hynes, MD, MPH](#)

4:00 p.m. – 4:45 p.m.: UTI Cases: Recurrent & Complicated

- [Michael Melia, MD](#)

4:45 p.m. – 5:00 p.m.: Summary & Wrap Up

- [Maunank Shah, MD, PhD](#)

5:00 p.m.: ADJOURN

Day 2: June 1, 2024

8:00 a.m. – 9:00 a.m.: Coffee

Microbiology and More for Primary Care Physicians

9:00 a.m. – 9:45 a.m.: Microbiology Update: New Diagnostics

- [Karen Carroll, MD](#)

9:45 a.m. – 10:30 a.m.: Sexually Transmitted Infections

- [Matthew Hamill, MBChB, PhD, MPH, MSc](#)

10:30 a.m. – 10:45 a.m.: Break

10:45 a.m. – 11:30 a.m.: ID Potpourri/Curbsides

- [Michael Melia, MD](#)

11:30 a.m. – 12:15 p.m.: Microbiome & Health: Impact of Antibiotics, Association with Health

- [Cynthia Sears, MD](#)

12:15 p.m. – 1:15 p.m.: Lunch

1:15 p.m. – 2:00 p.m.: C. diff Colitis Case & Discussion

- [Cynthia Sears, MD](#)

2:00 p.m. – 3:00 p.m.: The Critical Role of Physicians in Outbreak and Spillover Detection

- [Emily Gurley, PhD](#)

3:00 p.m. – 3:15 p.m.: Wrap Up

3:15 p.m.: ADJOURN

You will receive an email notification to complete the evaluation form and to attest to the number of hours in attendance.

The registration desk will remain open during conference hours.

The Johns Hopkins School of Medicine takes responsibility for the content, quality, and scientific integrity of this CME activity.

This schedule is subject to change.



ACTIVITY DIRECTOR

Maunank Shah, MD, PhD
Professor of Medicine

ACTIVITY CO-DIRECTOR

Michael Melia, MD
Associate Professor of Medicine

SPEAKERS

Santiago Alvarez Arango, MD
Assistant Professor of Medicine

Paul Auwaerter, MD, MBA
Clinical Director, Division of Infectious Diseases
Professor of Medicine

Karen Carroll, MD
Professor of Medicine and Pathology

Anna Durbin, MD
Associate Professor of Medicine

Kathryn Dzintars, PharmD
Associate Pharmacy Director,
Adult Antimicrobial Stewardship Program

Khalil Ghanem, MD, PhD
Deputy Director of Education,
Department of Medicine, Bayview Medical Center
Professor of Medicine

Emily Gurley, PhD
Distinguished Professor of the Practice

Matthew Hamill, MBChB, PhD, MPH, MSc
Assistant Professor of Medicine

Dariusz Hareza, MD
Clinical Fellow

Noreen Hynes, MD, MPH
Director, Johns Hopkins Geographic Medicine Center
Associate Professor of Medicine

Elisa Ignatius, MD, MSc
Assistant Professor of Medicine

Joyce Jones, MD, MS
Assistant Professor of Medicine

Morgan Katz, MD
Assistant Professor of Medicine

Sara Keller, MD, MPH
Associate Professor of Medicine

Sonya Krishnan, MD, MHS
Assistant Professor of Medicine

Rupali Limaye, PhD
Associate Professor of Medicine

Christopher Lippincott, MD, MPH
Clinical Director, Johns Hopkins Center for
Nontuberculous Mycobacteria and Bronchiectasis
Assistant Professor of Medicine

Yukari Manabe, MD
Professor of Medicine

Danica Rockney, MD
Clinical Assistant Professor
Michigan Medicine—University of Michigan

Marcos Schecter, MD
Associate Professor
Emory University School of Medicine

Cynthia Sears, MD
Professor of Medicine

Anna Sick-Samuels, MD, MPH
Assistant Professor of Pediatrics

Patricia Simner, PhD, MSc
Associate Professor of Pathology

Photini Sinnis, MD
Deputy Director, Johns Hopkins
Malaria Research Institute
Professor of Medicine

Mark Sulkowski, MD
Division Director, Bayview Medical Center
Professor of Medicine

Pranita Tamma, MD, MPH
Associate Professor of Pediatrics

Jeffrey Tornheim, MD, MPH
Associate Professor of Medicine

Susan Tuddenham, MD, MPH
Associate Professor of Medicine

Ethel Weld, MD, PhD
Assistant Professor of Medicine

William Werbel, MD, PhD
Assistant Professor of Medicine