

Program faculty



COURSE DIRECTOR

Jerrold J. Ellner, MD
Professor and Chief, Division of Infectious Diseases
Boston University School of Medicine

Dr. Ellner is Professor and Chief of Infectious Diseases at Boston University School of Medicine and Boston Medical Center. He has studied the immunopathogenesis of TB and TB in HIV through research collaborations in Uganda and Brazil. Dr. Ellner has conducted clinical trials of the prevention of TB as well as the first HIV/AIDS Vaccine Trial in Africa

Robert Horsburgh, MD BU SPH
Professor of Epidemiology, Biostatistics and Medicine, BUSM

Dr. Horsburgh is Professor of Epidemiology, Biostatistics and Medicine at the Boston University. He has been a TB clinician and clinical researcher for 30 years. He began his career at the National Jewish Center in Denver, worked at CDC in the divisions of HIV/AIDS and TB Elimination and directed the Mycobacterial Clinical Center at Emory University

Donald S. Shepard, PhD
Professor, Schneider Institutes for Health Policy
Brandeis University Waltham, MA

Donald S. Shepard, Ph.D., is Professor at the Schneider Institutes for Health Policy at the Heller School, Brandeis University. Director of the Institutes' group on cost and value, he is a health economist concerned with maintaining and improving health in the United States and internationally.

Christine Reardon, MD
Associate Professor of Medicine,
Associate Director of Medical Intensive Care Unit, BUSM

Dr. Reardon is an Associate Professor in the Department of Medicine. She attends in the Medical Intensive Care Unit at Boston Medical Center. Dr. Reardon participates in the care of patients in the Multidisciplinary Thoracic Oncology Clinic. Dr. Reardon provides pulmonary consultative services to a pediatric neuromuscular disease clinic at the Massachusetts Hospital School. She also provides pulmonary consultative services for an affiliated rehabilitation hospital.

Catherine Valentine, MD
Assistant Professor, Pathology & Laboratory Medicine, BUSM

Clinical Expertise-Critical care medicine, with a focus on the management of sepsis and severe infections in the ICU. Research Expertise-Sepsis, with a focus on interactions between the host innate and adaptive immune responses.

Manish Sagar, MD
Associate Professor of Medicine, Microbiology
Division of Infectious Disease, BUSM

Manish Sagar is an associate professor of Medicine, Microbiology at Boston University School of Medicine. Our laboratory is primarily interested in human immunodeficiency virus type 1 (HIV-1) pathogenesis. One area of focus is to understand the biological mechanisms for the selection observed during HIV-1 transmission. Even though chronically infected subjects harbor extensive variants during transmission, only a limited number of viruses are acquired by newly infected partners.

Lee Wetzler, MD
Professor of Medicine and Microbiology, BUSM

Post-doctoral Fellow, Laboratory of Bacterial Pathogenesis and Immunology, The Rockefeller University, New York NY (1987), Research Associate/Assistant Professor, Laboratory of Bacterial Pathogenesis and Immunology, The Rockefeller University, New York NY (1991), Fellow in Infectious Disease, Maxwell Finland Laboratory for Infectious Diseases, Boston Medical Center, Boston MA (1994)

Cassandra Pierre, MD BUSM
Director, Center for Infectious Diseases
Instructor of Medicine, BUSM

Dr. Cassandra Pierre is an Instructor of Medicine at the Boston University School of Medicine. She completed her internal medicine residency training as well as her fellowship at Boston Medical Center. Her research interests include the risk of occupational exposures to blood borne viruses among health care workers in developing countries, biomarkers assessing the tuberculosis treatment outcomes and the interaction between tuberculosis and HIV. She is currently completing coursework for her Masters of Science in Epidemiology through the Boston University School of Public Health.

Carol Sulis, MD
Associate Professor of Medicine
Division of Infectious Disease, BUSM

Dr. Sulis is a board certified Infectious diseases physician and Director of Hospital Epidemiology at Boston Medical Center. Her investigations include the assessment of the risk factors associated with the development of device related infections including nosocomial bacteremia and post-operative wound infections. She has participated in CDC sponsored studies to evaluate risk factors associated with nosocomial transmission of Hepatitis C, Human Immunodeficiency Virus, tuberculosis, and vaccine preventable illnesses

Nahid Bhadelia, MD
Assistant Professor of Medicine
Director of Infection Control, National Emerging Infectious Disease Laboratories (NEIDL), BUSM

Dr. Bhadelia is an Assistant Professor of Medicine in the Section of Infectious Diseases and the Medical Director of the Patient Isolation Unit at Boston Medical Center. She is also the Director of Infection Control at National Emerging Infectious Diseases Laboratories (NEIDL) at Boston University. Her specialization is in infection control issues related to emerging pathogens and highly communicable infectious diseases, such as Ebola, Zika, and Lassa.

Ronald B. Corley, PhD
Chair, Department of Microbiology
Director, National Emerging Infectious Diseases Laboratories, BUSM

Dr. Corley's research focuses on the relationship between innate and adaptive immunity, and how components of the two discrete systems interact to generate long-lasting protective immune responses. One area of focus has been on the role of IgM antibodies as efficient bridges of innate and adaptive immunity. IgM antibodies serve to concentrate antigens into secondary lymphoid organs, accelerating the production of protective immune responses along with affinity matured antibodies.

Gerald Keusch, MD
Professor, Medicine and International Health, Associate Director, NEIDL
Director, Collaborative Research Core, BUSM

Dr. Keusch is a graduate of Columbia College and Harvard Medical School. He has been involved in academic medicine for his entire career, currently as Professor of Medicine and International Health at Boston University where he serves as an Associate Director of the National Emerging Infectious Diseases Laboratory, Senior Advisor to the Center for Global Health & Development, and Special Assistant for Global Health to the University President. His research has focused on infectious diseases relevant to developing countries, from molecular pathogenesis to field research on diarrheal disease, nutrition, and HIV/AIDS.

Stephen Pelton, MD
Professor of Pediatrics and Epidemiology, BUSM

Dr. Pelton graduated from the University of Buffalo, SUNY School of Medicine and Biomedical Sciences in 1972. He works in Boston, MA and 2 other locations and specializes in Pediatric Infectious Diseases. Dr. Pelton is affiliated with Boston Childrens Hospital and Boston Medical Center.

Chris Gill, MPH
Associate Professor, Global Health, BUSM

Christopher Gill has an MD from the University of Massachusetts Medical School and an MS from Tufts-Sackler School of Graduate Biomedical Studies. Dr. Gill is an infectious disease specialist by training. From 2002-2008 he was a faculty member of the Department of Global Health at Boston University School of Public Health, engaged in a wide variety of clinical trials and investigations.

Natasha Hochberg, MD, MPH
Assistant Professor
Department of Medicine, BUSM

Natasha Hochberg, MD, MPH is an infectious disease physician with appointments in the Department of Medicine and the Department of Epidemiology at BU School of Public Health. Prior to her arrival at Boston University, Dr. Hochberg was an Epidemic Intelligence Service (EIS) officer at the Centers for Disease and Prevention (CDC) in the Division of Parasitic Diseases and worked internationally on projects related to malaria, visceral leishmaniasis, guinea worm disease, and lymphatic filariasis.

Elizabeth Barnett, MD
Professor of Pediatrics, BUSM

Dr. Elizabeth Barnett is a pediatric infectious disease specialist in Boston, Massachusetts and is affiliated with Boston Medical Center. She received her medical degree from Boston University School of Medicine and has been in practice for more than 20 years. She is one of 9 doctors at Boston Medical Center who specialize in Pediatric Infectious Disease.

Nancy Miller, MD
Medical Director, Clinical Microbiology and Molecular Diagnostics,
Associate Professor of Pathology and Laboratory Medicine, BUSM

M.D., State University of New York at Stony Brook, School of Medicine. Internship and Residency, Anatomic & Clinical Pathology, The Johns Hopkins Medical Institutions. Post-doctoral fellowship, Medical Microbiology, The Johns Hopkins Medical Institutions. Clinical Microbiology - Laboratory Medicine, Infectious Diseases diagnostics, Antimicrobial resistance and susceptibility testing, Molecular diagnostics for infectious diseases, Laboratory medicine information systems

PRECEPTORSHIP PROGRAM

EMERGING INFECTIOUS DISEASE PREVENTION AND MANAGEMENT

October 11th - 14th, 2016
9:00 AM onwards

Brought by:



In association with:



Support:

Supported by an unrestricted grant from **Pfizer** (L.L.C.)

Welcome to the “**Emerging Infectious Disease Prevention and Management**” Preceptorship program. It is an honor to have you on board this academically-enriched program which has been designed keeping you and your academic needs in mind!! We embark on a tour to the Boston University School of Medicine – one of the oldest, highly acclaimed medical universities, known for its top-notch medical faculties worldwide. The program is scheduled from the 11th to the 14th of October, 2016, with Jerrold J. Ellner, Professor and Chief, Division of Infectious Diseases, Boston University School of Medicine, serving as the course director of this program. The program will include lectures on different topics related to “Infectious Diseases, their Prevention and Management” and a virtual tour of the university campus. A final program schedule will be made available to you at Boston. So, pack your bags and be prepared for the most memorable medical educational tour of your life!!

Program curriculum

Day 1

- Lectures**
- Tuberculosis – new methods for its diagnosis and treatment
 - Vaccination cost effectiveness
 - Treatment challenges in the ICU

- Workshop**
- Pneumonia (community-acquired pneumonia and hospital-acquired pneumonia) and panel discussion

Day 2

- Lectures**
- Current vaccination strategies and vaccination in the immunocompromised patients
 - Infection control issues
 - Lectures by researchers on Emerging ID- Zika and Ebola lab based research

Day 3

- Lectures**
- Burden of pneumococcal disease in children and adults
 - Acellular and cellular pertussis vaccines and resurgence of pertussis
 - Travel medicine- Current trends and Refugees health

Day 4

- Post meeting review and closing ceremony

Title: Emerging Infectious Disease Prevention and Management

Program Dates: October 11th - 14th, 2016

Length: 4 days: Days 1-3 didactic lectures and workshops; Day 4 review of program with CD, sponsors and CME office

Locale: Boston

Venue: BUSM Campus

Audience Size: 9 attendees; from Saudi Arabia, Egypt and UAE

Target Audience: Pulmonologist and Infectious Disease specialists from various parts of the Middle-East

Agenda Items: Workshops Sessions / Case Vignettes / Tour possibilities

Day 1 - Tuesday, October 11		
Time	Lecture Title/ Topic	Faculty
9:00 am	New Diagnostics, Research and Treatment in Tuberculosis"	Jerrold J. Ellner, MD Course Director, Professor and Chief, Division of Infectious Diseases Boston University School of Medicine, Boston Medical Center
		Robert Horsburgh, MD Professor of Epidemiology and Biostatistics, Boston University School of Public Health, Professor of Medicine, Boston University School of Medicine Division of Infectious Disease, Boston, MA
10:45 am	Break (Coffee Service)	
11:00 am	Vaccination Cost Effectiveness	Donald S. Shepard, PhD Professor, Schneider Institutes for Health Policy, Brandeis University
12:00 pm	Lunch	
Pneumonia Workshop		
1:00 pm	Community Acquired Pneumonia	Christine Reardon, MD Associate Professor of Medicine, Program Director of Fellowship Training Pulmonary and Critical Care Medicine, Boston Medical Center
2:00 pm	Hospital Acquired Pneumonia	Manish Sagar, MD Associate Professor of Medicine, Microbiology, Boston University School of Medicine, Division of Infectious Disease, Boston, MA
3:00 pm	Panel Discussion	Manish Sagar, MD Christine Reardon, MD
3:30 pm	Break (Coffee/Snack Service here)	
4:00 pm	Treatment Challenges in the ICU	Catherine Valentine, MD Assistant Professor of Medicine, Pathology & Laboratory Medicine, Division of Pulmonary, Allergy, Sleep & Critical Care Medicine, Boston University School of Medicine, Boston, MA
5:00 pm	Adjournment	
Day 2 - Wednesday, October 12		
Time	Lecture Title/ Topic	Faculty
9:00 am	Current Vaccination Strategies	Lee M. Wetzler, MD Professor of Medicine, Microbiology, Division of Infectious Disease. Boston University School of Medicine, Graduate Faculty, Boston University School of Medicine, Division of Graduate Medical Sciences, Boston, MA"
10:00 am	Vaccinations for the Immuno-compromised	Cassandra Pierre, MD Instructor,Department of Medicine, Division of Infectious Disease, Boston University School of Medicine, Boston, MA"
10:45 am	Break (Coffee Service)	
11:00 am	Infection Control Issues	Carol Sulis, MD Associate Professor of Medicine, Division of Infectious Disease, Boston University School of Medicine, Boston, MA

12:00 pm	Institutional and Healthcare Worker Preparedness for Management of Highly Communicable Infectious Diseases	Nahid Bhadelia, MD Assistant Professor of Medicine, Division of Infectious Disease, Boston University School of Medicine, Boston, MA
1:00 pm	Lunch	
1:45 pm	Tour of National Emerging Infectious Diseases Laboratory (NEIDL)	Ronald B Corley, PhD Director, National Emerging Infectious Diseases Laboratories, Chair, Department of Microbiology, Boston University School of Medicine
4:00 pm	Adjournment	
Day 3 - Thursday, October 13		
Time	Lecture Title/ Topic	Faculty
9:00 am	The Burden of Pneumococcal Disease in Adults and Children and Strategies for Prevention	Stephen I. Pelton, MD Director Section of Pediatrics Infectious Disease, Professor of Epidemiology Boston University School of Medicine, Boston, MA
10:30 am	Break (Coffee Service)	
10:45 am	Cell vs. Acellular Vaccine and the Resurgence of Pertussis	Christopher Gill, MD Associate Professor of Global Health, Boston University School of Public Health, Boston, MA
12:00 pm	Lunch	
Travel Medicine Workshop		
1:00 pm	Travel Medicine Current Trends	Natasha Hochberg, MD Assistant Professor of Medicine, Epidemiology, Division of Infectious Disease Boston University School of Medicine, Boston, MA
2:00 pm	Refugees Health	Elizabeth Barnett, MD Professor of Pediatric Medicine, Division of Infectious Disease, Boston University School of Medicine, Boston, MA
3:00 pm	Break (Coffee/Snack Service here)	
3:15 pm	Tour of Clinical Microbiology Laboratory	Nancy Miller, MD Medical Director, Department of Pathology & Laboratory Medicine, Division of Clinical Microbiology & Molecular Diagnostics, Boston Medical Center Associate Professor of Pathology & Laboratory Medicine, Division of Clinical Pathology, Boston University School of Medicine, Boston, MA
4:30 pm	Adjournment	
Day 4 - Friday, October 14		
Time	Lecture Title/ Topic	Faculty
9:00 am	Post Meeting Review- Attendees and Course Director Q+A	Jerry Ellner, MD
10:00 am	Closing Ceremony- Certificates and Photos	Jerry Ellner, MD
11:00 am	Adjournment	