

MIDS Spring, May 22, 2008

ENTEROCOCCAL INFECTIONS

"New Insights into Enterococcal Pathogenesis and Treatment"

Barbara E. Murray, M.D.

J. Ralph Meadows Professor of Medicine

Vice Chair-Research, Department of Internal Medicine

Director, Division of Infectious Diseases

University of Texas Medical School, Houston, Texas

Educational Objectives:

1. Participants will understand the difficulties of treating enterococcal endocarditis.
2. Participants will understand therapeutic options.
3. Participants will understand how enterococci cause infections and what genes/proteins are important.

MIDS Winter, January 29, 2009

"Chagas Disease: North Meets South"

James H. Maguire, M.D., M.P.H.

Professor of Medicine, Harvard Medical School

Senior Physician, Division of Infectious Diseases,

Brigham and Women's Hospital

Boston, Massachusetts

Educational Objectives:

1. Participants will be updated on the rapidly changing epidemiology of Chagas Disease in the US and Latin America.
2. Participants will learn the new US guidelines for management of persons with *Trypanosoma cruzi* infection, including the > 600 infected blood donors detected in the US in past two years.
3. Participants will discuss challenges for clinicians in management of persons with Chagas disease and the obstacles facing international efforts to eliminate Chagas Disease as a public health problem.

MIDS Winter, February 2, 2010

"DIGITAL DISEASE SURVEILLANCE: PAST, PRESENT AND FUTURE"

Lawrence C. Madoff, M.D.

Professor of Medicine, University of Massachusetts Medical School

Lecturer on Medicine, Harvard Medical School

Editor, ProMED, International Society for Infectious Diseases

Director, Division of Epidemiology and Immunization Massachusetts Department of Public Health

Kenneth D. Mandl, M.D., M.P.H.

Associate Professor of Pediatrics, Harvard Medical School

Louis K. Diamond Investigatorship Chair

Co-Director, CDC Center of Excellence in Public Health Informatics (PHIConnect)

Director, NICHD T32 Training Grant in Pediatric Emergency Medicine, Children's Hospital, Boston, Massachusetts

Educational Objectives:

1. Participants will understand how information technology and the internet have facilitated the rapid detection and reporting of emerging infectious diseases.
2. Participants will understand some of the methods the Massachusetts Department of Public Health uses to find outbreaks.
3. Participants will understand the role of Personal Health Platforms and new media in disease surveillance.

MIDS Spring, May 25, 2010

"INNOVATION IN THE CONTROL AND ELIMINATION OF THE NEGLECTED TROPICAL DISEASES"

Peter J. Hotez, M.D., Ph.D.

Distinguished Research Professor

President, Sabin Vaccine Institute

Walter G. Ross Professor and Chair

Department of Microbiology, Immunology, & Tropical Medicine

The George Washington University and Sabin Vaccine Institute

Editor-in-Chief, PLoS Neglected Tropical Diseases

Washington, D.C.

Educational Objectives:

1. Participants will learn the importance of the NTDs as the most common infections of the world's poorest people.
2. Participants will explore the role of integrated mass drug administration (preventive chemotherapy) in NTD control.
3. Participants will examine innovation to develop improved drugs and vaccines to

eliminate NTDs.

MIDS Spring, April 14, 2011

"Infectious Diseases & the Cervicovaginal Environment:
The Promise of Effective Microbicides & The Human Microbiome Project"

Jeanne Marrazzo, M.D., M.P.H.
Professor, Division of Allergy & Infectious Diseases
Medical Director, Seattle STD/HIV Prevention Training Center
University of Washington, Seattle, Washington

Educational Objectives:

1. Participants will learn about the rapidly evolving state of knowledge about the microbiology of the human vagina.
2. Participants will learn about the implications of this knowledge for disease susceptibility (specifically HIV, other sexually transmitted infection) and presentation.
3. Participants will learn about the major changes to therapeutic approaches to vaginitis.

MIDS Winter, January 10, 2012

"GLOBAL SPECTRE OF ANTIMICROBIAL RESISTANCE"

Stuart B. Levy, M.D.
Professor of Molecular Biology & Microbiology and Medicine
Director, Center for Adaptation Genetics and Drug Resistance
Tufts University School of Medicine
Chief Scientific Officer, Paratek Pharmaceuticals Boston, Massachusetts

Educational Objectives:

1. Participants will understand the relationship between antimicrobial use and drug resistance.
2. Participants will learn about the genetics of antimicrobial resistance.
3. Participants will learn about the role of physicians in the antimicrobial resistance problem.

MIDS Spring, May 17, 2012

"Bullying Borrelia: When the Culture of Science is Under Attack"

Paul G. Auwaerter, M.D., M.B.A, F.A.C.P., F.I.D.S.A.
Associate Professor of Medicine
Clinical Director, Division of Infectious Diseases
Chief Medical Officer, Point of Care-Information Technology Center
Managing Editor, Johns Hopkins Antibiotic Guide (ABX-Guide)
Johns Hopkins University School of Medicine Baltimore, Maryland

Educational Objectives:

1. Participants will review the natural history of Lyme Disease and the effectiveness of antibiotic therapy.
2. Participants will understand the perspectives and the goals of "chronic Lyme Disease" proponents.

MIDS winter, January 15, 2013

"HEPATITIS C VIRUS - FROM THE PHANTOM MENACE TO A NEW HOPE"

Arthur Yu-Shin Kim, M.D.
Assistant Professor of Medicine
Harvard Medical School
Director, Viral Hepatitis Clinic
Massachusetts General Hospital Boston, Massachusetts

Educational Objectives:

1. Participants will understand the basic biology of hepatitis C virus and its history.
2. Participants will be able to identify those at risk for both acute and chronic HCV infection.
3. Participants will learn about the principles of both current and future therapeutics against HCV.

MIDS Spring, May 14, 2013

"Seek, Test, Treat and Retain Among Vulnerable Populations"

Carlos del Rio, M.D.
Hubert Professor and Chair
Hubert Department of Global Health
Rollins School of Public Health of Emory University

Professor of Medicine
Emory University School of Medicine
Atlanta, Georgia

Educational Objectives:

1. Participants will learn of the challenges of providing access to HIV care for substance abusers.
2. Participants will be able to describe the cascade of care for hard-to-reach populations.
3. Participants will be able to describe possible interventions to implement for improving outcomes.

MIDS Winter, January 14, 2014

"How did cholera get to Haiti?"

Matthew K. Waldor, MD, PhD
Physician, Brigham & Women's Hospital
Edward H. Kass Professor of Medicine
Harvard Medical School

Educational Objectives:

-Review the application of next generation DNA sequencing and how it led to an understanding of the origins of the cholera outbreak in Haiti

MIDS Spring, June 24, 2014

"Who should do HIV care: is the pendulum swinging?"

Kenneth A. Freedberg, MD, MSc
Director, Program in HIV Epidemiology and Outcomes Research
Massachusetts General Hospital
Director, Medical Practice Evaluation Center
Massachusetts General Hospital
Professor of Medicine
Harvard Medical School

Educational Objectives:

1. To understand recent developments in HIV care and the importance of chronic disease co-morbidity in those with HIV
2. To consider different options for structuring HIV primary care moving forward

MIDS Winter, January 13, 2015

"Rational Use of Molecular Diagnostics for Infectious Diseases"

Angela M. Caliendo, MD, PhD
Executive Vice Chair, Department of Medicine
The Warren Alpert Medical School at Brown University
Chief, Division of General Internal Medicine
Rhode Island and Miriam Hospitals
Providence, RI

Educational Objectives:

1. Participants will be able to review the strengths and limitations of molecular tests used in the diagnosis and management of infectious diseases.
2. Participants will be able to discuss the cost-effective use of molecular tests.
3. Participants will be able to outline unmet diagnostic needs for infectious diseases.

MIDS Spring, May 12, 2015

"The Future of ID Medicine - It Is Not About Antibiotic Prescribing"

Ronald G. Nahass, MD, MHCM, FIDSA
President, ID Care
Clinical Professor of Medicine
Rutgers University
Robert Wood Johnson Medical School

Educational Objectives:

1. Describe opportunities other than antimicrobial prescribing for ID Physicians in the framework of healthcare reform.
2. Discuss the relationship of new payment methods to the ID Physician.
3. Develop an understanding of how value for ID services is determined and creates a misperception of that value.

MIDS Winter, January 6, 2016

"Recurrent *Clostridium difficile* - FMT and beyond"

Elizabeth L. Hohmann, MD
Associate Professor of Medicine and Infectious Diseases
Massachusetts General Hospital
Harvard Medical School

Chair and Director, Partners Human Research Committees

Educational Objectives:

1. Participants will be able to discuss the use of probiotics in prevention and treatment of *C. difficile* infections.
2. Participants will be able to recommend appropriate therapy for recurrent *C. difficile* infections.
3. Participants will be able to discuss new therapies being developed for recurrent *C. difficile* infections.

MIDS Winter, January 24, 2017

"Malaria Transmission in Africa under Current and Future Climates"

Elfatih A. B. Eltahir
Breene M Kerr Professor of Hydrology and Climate
Professor of Civil and Environmental Engineering,
Massachusetts Institute of Technology

Educational Objectives:

1. Participants will be able to review how regional land use/landcover change as well as global climate change may impact society through changes in patterns of water variability and extreme weather.
2. Participants will be able to discuss how such changes may impact spread of vector-borne diseases such as malaria.

MIDS spring, May 23, 2018

"Clinical and Public Health Approaches to the Opioid Crisis"

Alexander Walley, MD, MSc
Associate Professor of Medicine
Director, Addiction Medicine Fellows
Clinical Addiction Research and Education Unit
Boston Medical Center/Boston University School of Medicine

Educational Objectives:

1. Participants will be able to describe the epidemiology of opioid overdose.
2. Participants will be able to incorporate overdose prevention into their practice.
3. Participants will be able to treat patients with opioid use disorders.

MIDS Spring, March 13, 2019

"Infectious Diseases Genomic Epidemiology and Pathogen Genomics"

Yonatan Grad, MD, Ph.D.

Melvin J. and Geraldine L. Glimcher Assistant Professor of Immunology and Infectious Diseases, Harvard TH Chan School of Public Health

Educational Objectives:

1. Participants will be able to explain the emerging use of genome sequencing in the investigation of infectious diseases and outbreaks and how this contributes to disease control and improved patient and population outcomes.
2. Participants will be able to list applications of genomic methods to specific pathogens and epidemiology.
3. Participants will be able to describe how genomics contributes to enhanced prevention and treatment.

MIDS Spring, June 23, 2021 (Virtual)

Rochelle Walensky, MD, MPH

Director, Centers for Disease Control and Prevention

MIDS Winter, November 18, 2021 (Virtual)

"COVID-19: Developing a Vaccine During a Pandemic"

Dan H. Barouch, MD, PhD

Director, Center for Virology and Vaccine Research, Beth Israel Deaconess Medical Center
William Bosworth Castle Professor of Medicine, Harvard Medical School

MIDS Spring, June 9, 2022

"The Antibiotic Era: Reform, Resistance, and the Pursuit of Rational Therapeutics"

Scott H. Podolsky, MD

Professor of Global Health and Social Medicine, Harvard Medical School
Director of the Center for the History of Medicine, Francis A. Countway Library of Medicine

MIDS Winter, January 19, 2023 (Virtual)

“Syndemic Approach to Prevention and Response: How the National Mpox Response Activated Close Friends and New Partners”

Demetre C. Daskalakis, MD, MPH
Director, Division of HIV Prevention
National Center for HIV, Viral Hepatitis, STD, and TB Prevention (NCHHSTP)
Centers for Disease Control and Prevention

Educational Objectives:

1. Have achieved a greater understanding of the four pillars of the White House National Mpox Response and the accomplishments achieved under each, as well as the ways in which partnerships were leveraged to slow the U.S. outbreak.
2. Be able to define a syndemic approach to Mpox and other infectious diseases

MIDS Spring, June 22, 2023

" Human metapneumovirus: Coming of Age?"

John V. Williams, MD
Henry L. Hillman Professor and Chief, Pediatric Infectious Diseases
Director, Institute for Infection, Inflammation, and Immunity in Children (i4Kids)
University of Pittsburgh