

## THEME

*Under One Sun: Looking Ahead, Working Together, Moving Forward*

## CONFERENCE OBJECTIVES

- To provide the current state of the science, research on diagnosis, treatment and management of TB and HIV co-infection.
- To provide a forum for participants from Latin America, the Caribbean and Haiti to network with TB experts from North America.
- To provide an opportunity for an exchange of knowledge and expertise among professionals working in the HIV/TB field.

## PRECONFERENCES

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### Wednesday, March 10, 2010

1:00 pm – 5:00 pm

**CLINICAL UPDATE** – Joint Training conducted by the Regional Training and Medical Consultation Centers (RTMCCs).

**TB-HIV UPDATE** – Joint Training conducted by the Regional Training and Medical Consultation Centers (RTMCCs).

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### Thursday, March 11, 2010

8:00 am – 12:30 pm

**STOP TB USA MEETING** – Chaired by David DeBiasi and John Seggerson

#### ***Global Update and US Partners in Global TB/HIV Control***

This session offers fellow TB clinicians and controllers the opportunity to network and meet new acquaintances in an enjoyable educational experience. Topics address the current status, obstacles and challenges to TB-related intervention and support in the Americas and globally with special emphasis on U.S. partnership roles.

- **Americas: The Pan American Health Organization (PAHO) Perspective**  
Mirtha del Granado, MD – Director of TB Control, PAHO, Washington, DC, USA
- **Americas: The Role and Perspective of the International Union for Tuberculosis and Lung Disease (The Union)**  
Mark Fussell – Director, The Union North America Region, New York, NY, USA
- **President's Emergency Plan for AIDS Relief (PEPFAR) Efforts to Address HIV and TB**  
Eric Goosby, MD – Ambassador at Large, Global AIDS Coordinator, U.S. Department of State, Washington, DC, USA
- **Other Sessions – TBA**

12:00 pm – 1:00 pm

**STOP TB USA ADVOCACY LUNCHEON**

1:00 pm – 4:00 pm

**NURSING ASSEMBLY PROGRAM** – Chaired by Shirley Rempel and Kathleen Hursen

***The Diminishing TB Nurse Workforce Amid Expanding Need: Strategies for the Future***

Studies have noted that the nursing shortage threatens the public health (PH) system. This shortage has led to recruitment and migration of health professionals from low income countries where there are limited human resources. In this session we will discuss the nursing shortage, the impact of human resource migration on global health and ways of working together to address the current TB challenges.

- **Global Health Challenges**  
Barbara Stillwell, PHD, FRCN – IntraHealth International, UK and Chapel Hill, NC, USA
- **Public Health Nurses' Survey: Focus on TB**  
Kathleen Hursen, RN, MS – MA Department of Public Health/Division of TB Prevention and Control, Boston, MA, USA
- **Improving Outcomes for TB Patients through Social Work Intervention**  
Judy Szala, Alberta Health Services, Edmonton, Alberta, CA
- **Nursing Leadership: Nursing Complex TB Patients Back to Health**  
Heidi Hammond-Epstein, RN, BS, MPH – Broward County Health Department, Ft. Lauderdale, FL, USA
- **Regional Training & Medical Consultation Centers (RTMCCs) – Nurses on the Move**  
Denise Dodge, RN, BA – Southeastern National TB Center, Gainesville, FL, USA

## OPENING GENERAL SESSION

4:30 pm – 7:00 pm

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- **Beyond TB Lecture – Corporate Responsibility**  
Mr. Harris Rosen – Rosen Centre, Inc., Orlando, FL, USA
- **The George Comstock Lecture**  
Paul Farmer, MD, PhD – Harvard Medical School and Partners in Health, Boston, MA, USA

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## FRIDAY, MARCH 12, 2010

8:30 am – 12:00 pm

**MORNING SESSION** – Chaired by Dr. Joanne Julien and Dr. David Ashkin

### ***Clinical Epidemiology: TB/HIV Co-Infection: The Sum Is Greater Than Its Parts***

TB and HIV represent dual pandemics that have partnered to form a global health catastrophe. It is now estimated that 15% of new TB infections occur in HIV infected individuals. Co-infected patients are more difficult to diagnose, they are harder to treat and they are more likely to die. This session describes the extent of the problem, approaches for prevention and strategies to optimize management of both of these conditions.

- **Ending the Deadly Partnership**  
John Bartlet, MD – Johns Hopkins Bloomberg School of Public Health, Baltimore, MA, USA
- **Prevention is Cure: Preventing TB in the HIV Population**  
Timothy Sterling, MD, FACP – Vanderbilt University, Nashville, TN, USA
- **TB and HIV: A Recipe for Resistance?**  
Andrew Vernon, MD, MHS – Centers for Disease Control and Prevention, Atlanta, GA, USA
- **Managing the Minefield of Adverse Events**  
David Ashkin, MD, FCCP – A.G. Holley State Hospital, Lantana, FL, USA

12:00 pm – 1:30 pm

**The Union North America Region – Annual Membership Meeting (box lunch provided)**

1:30 pm – 4:40 pm

**AFTERNOON SESSION** – Chaired by Dr. Ed Desmond and Dr. Max Salfinger

### ***The TB Laboratory as Integral Part of Tomorrow's TB Control Program***

This session discusses the current status of TB laboratory services in The Union North America Region, why improvements in lab capacity are needed and how to implement them, and the role of experts from North America in international collaboration and training.

- **Increasing NAA (Nucleic Acid Amplification) Use in the U.S.**  
Max Salfinger, MD – Florida Department of Health, Tallahassee, FL, USA
- **TB Diagnostics in the Caribbean: What is Badly Needed**  
Shirematee Baboolal, MPhil – University of the West Indies
- **Describing Successful Lab Effort in the Caribbean**  
Nalin Rastogi, PhD – Institut Pasteur of Guadeloupe
- **Why and How to Train TB Lab Consultants from Industrialized Countries to Transfer their Knowledge to Low-Income Settings**  
Armand Van Deun, MD, PhD – The Union, Paris, FR and Institute of Tropical Medicine Nationalestraat, Belgium

4:40 pm – 7:00 pm

**POSTER SESSION** – Awards, Viewing and Reception

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## SATURDAY, MARCH 13, 2010

7:00 am – 8:30 am

**BREAKFAST SESSION** – Abstract Writing Workshop

8:30 am – 12:00 pm

**MORNING SESSION** – Chaired by Dr. Ed Nardell and Dr. Eric Rubin

***Basic Science: Persistence, Latency, and the Search for New Drugs***

This session explores subpopulations of *M. tuberculosis* organisms that challenge treatment and may engender drug resistance.

- **Persistence – The Bug’s Perspective**  
Speaker TBA
- **Latency – Does it Exist?**  
Ian Orme, PhD – Colorado State University, Ft. Collins, CO, USA
- **Host Exploitation by An Unwelcome Houseguest**  
William R. Bishai, MD, PhD – Johns Hopkins University, Baltimore, MD, USA
- **Phenotypic Screening Approaches to TB Drug Discovery**  
Deborah Hung, MD, PhD – Broad Institute, Harvard Medical School, Boston, MA, USA

12:00 pm – 1:30 pm

**Lunch on your own**

12:30 pm – 1:15 pm

**Latin American Liaison Meeting (box lunch provided)**

1:30 pm – 5:00 pm

**AFTERNOON SESSION** – Chaired by Dr. Arachu Castro

***Social Determinants of Tuberculosis Transmission, Diagnosis, and Treatment***

This session presents an overview of the social factors that shape the distribution of TB incidence, detection rates, and treatment outcomes, based on cases from Peru, Haiti, and Colombia, and discusses the implications of social determinants of TB for clinical practice and public health programming.

- **Addressing Poverty in Response to MDR TB in Peru**  
Jaime Bayona, MD, MPH – Socios en Salud Sucursal Peru (SES), Lima, Peru
- **Implications for Preventing Infection and Improving Treatment Outcomes in Haiti**  
Mary Kay Smith Fawzi, ScD – Harvard Medical School, Boston, MA, USA
- **Social Determinants of TB Transmission and Treatment Outcomes in 436 Households Followed for Two Years in Medellín, Colombia**  
Helena del Corral, MSc – University of Antioquia, Medellín, Colombia
- **The Clinical and Social Course of Tuberculosis and Its Implications for Clinical Practice and Public Health Programming**  
Arachu Castro, PhD, MPH – Harvard Medical School, Boston, MA, USA