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## FACULTY

### Centers for Disease Control & Prevention - Division of TB Elimination

Mark Lobato, MD  
Medical Officer, New England Region

### Cooper University Hospital Camden, NJ

Henry Fraimow, MD  
Associate Professor of Medicine

### MedSleep

Anju Budwhani, MD  
Private Practice – Linden, NJ

### Migrant Clinicians Network State College, PA

Edward Zuroweste, MD  
Chief Medical Officer

### Rhode Island TB Clinic at the Miriam Hospital

Adrian Gardner, MD, MPH  
Clinical Research Fellow

### NJMS Global TB Institute

Germaine Jacquette, MD  
Physician Specialist

Alfred Lardizabal, MD  
Associate Director

Reynard McDonald, MD  
Medical Director

Lillian Pirog, RN  
Nurse Manager, Lattimore Practice

Lee B. Reichman, MD  
Executive Director

### New York City Department of Health & Mental Hygiene

Diana Nilsen, MD  
Director of Medical Affairs

### Penn State Children's Hospital

George McSherry, MD

# TB INTENSIVE WORKSHOP

## THIS COURSE IS FILLED TO CAPACITY

APRIL 12-14, 2011

CNE/CME CERTIFIED ACTIVITY

### Course Location

New Jersey Medical School Global Tuberculosis Institute  
225 Warren St. 1st Floor  
Newark, New Jersey

### Sponsored By

University of Medicine & Dentistry of New Jersey (UMDNJ),  
New Jersey Medical School Global Tuberculosis Institute, and  
UMDNJ-Center for Continuing and Outreach Education

*This activity is supported by an educational grant from the Centers for Disease Control and Prevention, Division of Tuberculosis Elimination*

The New Jersey Medical School Global Tuberculosis Institute is the tuberculosis Regional Training and Medical Consultation Center for the northeastern United States

## COURSE DESCRIPTION & OVERALL GOAL

The purpose of this training is to provide clinicians with comprehensive information on the management and treatment of TB. Topics will include epidemiology, transmission & pathogenesis, diagnosis and treatment of TB, TB in children and adolescents, multi-drug resistant tuberculosis, TB/HIV co-infection, surgical treatment of TB, and key aspects of patient management. The format includes lectures, discussions, and case studies.

## WHO SHOULD ATTEND

This workshop is designed for physicians, nurses and healthcare professionals who are involved in the management of patients with TB, supervise those who provide care for TB patients, or are TB control staff responsible for program management.

Individuals who work in the following settings would benefit from attending this workshop:

- TB Programs
- Health Departments
- Hospital Infection Control
- Correctional Facilities
- Long Term Care Facilities
- Immigrant & Refugee Health
- Community Health Settings
- College or University Health Services

## WHY COURSE IS NEEDED

As the incidence of tuberculosis continues to decline, maintaining clinical and public health expertise in TB is particularly challenging. Therefore, ongoing training and education are important for healthcare providers so they can develop and enhance skills in the diagnosis of TB, follow recommended treatment guidelines, and interact effectively with public health agencies. This type of training is also important for new clinicians working in TB control or other settings.

## **PLANNING COMMITTEE**

**NJMS Global Tuberculosis  
Institute**

### **ACTIVITY DIRECTOR**

**Nisha Ahamed, MPH, CHES**

*Program Director, Education and Training*

### **MEMBERS**

**Rajita Bhavaraju, MPH, CHES**

*Training & Consultation Specialist*

**Anita Khilall, MPH, CHES**

*Training & Consultation Specialist*

**DJ McCabe, RN, MSN**

*Trainer & Consultant, Clinical Programs*

## **OBJECTIVES**

Upon completion of this workshop, participants will be able to:

- Interpret the global, national and local epidemiology of TB in order to better screen and treat groups that are at high risk for TB
- Apply current recommendations for diagnosing and treating latent TB infection and TB disease to prevent transmission, prevent primary drug resistance and achieve a cure for patients with TB disease
- Manage side effects of anti-TB medications in patients who are being treated for latent TB infection and TB disease in order to decrease the risk of toxicity and ensure completion of therapy
- Monitor response to treatment for patients with drug resistant disease and assess the need for surgical interventions to increase cure rate
- Coordinate with other providers in the management of patients with TB-HIV co-infection to utilize appropriate medication regimens, minimize drug-drug interactions and promote continuity of care
- Develop individualized behavioral and case management strategies to promote adherence in patients taking TB medications

## **COURSE REQUIREMENTS**

In order to meet the learning objectives and receive continuing education credits, participants are required to complete a pre-test, attend the entire course, and complete an evaluation form and a post-test at the end of the course and a post-course follow up evaluation within 2 months of the course.

## **AGENDA**

### **Tuesday, April 12, 2011**

9:00 am	Registration & Continental Breakfast
9:45 am	Course Overview
10:15 am	Epidemiology of TB: Global, National, Regional - Edward Zuroweste, MD
11:15 am	Break
11:30 am	TB Transmission & Pathogenesis - Mark Lobato, MD
12:30 pm	Lunch
1:15 pm	Making the Diagnosis of Tuberculosis - Alfred Lardizabal, MD
2:15 pm	Interpretation of Chest Radiographs - Reynard McDonald, MD
3:15 pm	Break
3:30 pm	Laboratory Techniques for Diagnosing TB
4:30 pm	Clinical Case Discussion
5:30 pm	Adjourn

### Wednesday, April 13, 2011

8:45 am	Sign-in/Continental Breakfast
9:00 am	DNA Fingerprinting of <i>M. tuberculosis</i> - Barry Kreiswirth, PhD
10:15 am	Break
10:30 am	Treatment of TB: Current Drugs in Use - Adrian Gardner, MD, MPH
11:15 am	Treatment of Latent TB Infection - Ameer Patrawalla, MD
12:00 pm	Lunch
12:45 pm	Treatment of TB Disease - Germaine Jacquette, MD
2:00 pm	Management of Drug Resistant TB - Diana Nilsen, MD
3:15 pm	Break
3:30 pm	Managing Adverse Drug Effects - Anju Budhwani, MD
4:15 pm	Clinical Case Discussion
5:00 pm	Adjourn

### Thursday, April 14, 2011

8:15 am	Sign-in/Continental Breakfast
8:30 am	Improving Adherence to TB Treatment - Lillian Pirog, RN, PNP
9:30 am	Approach to TB-HIV Co-Infection - Henry Fraimow, MD
10:45 am	Break
11:00 am	Management of TB in Children & Adolescents - Part 1 - George McSherry, MD
12:15 pm	Lunch
1:00 pm	Management of TB in Children & Adolescents - Part 2 - George McSherry, MD
2:15 pm	Role of Surgery in the Management of TB - Paul Bolanowski, MD
3:00 pm	Break
3:15 pm	Clinical Case Discussion (Brief presentations by participants)
4:00 pm	Course Evaluation & Post-Test
4:30 pm	Adjourn

### **CONTINUING EDUCATION INFORMATION**

UMDNJ - Center for Continuing and Outreach Education is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

UMDNJ - Center for Continuing and Outreach Education designates this educational activity for a maximum of 20 AMA *PRA Category 1 Credits*<sup>™</sup>. Physicians should only claim credit commensurate with the extent of their participation in the activity.

UMDNJ - Center for Continuing and Outreach Education is an approved provider of continuing nursing education by NJSNA, an accredited approver by the American Nurses Credentialing Center's Commission on Accreditation. Provider Number P173-11/09-12. Provider Approval is valid through November 30, 2012.

This activity is awarded 20 contact hours. (60 minute CH)

Provider approved by the California Board of Registered Nursing, Provider Number CEP 13780.

UMDNJ - Center for Continuing and Outreach Education certifies that this continuing education activity meets the criteria for 2 Continuing Education Units (CEU'S), as defined by the National Task Force on the Continuing Education Unit, provided the activity is completed as designed. One CEU is awarded for 10 contact hours of instruction.

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## REGISTRATION INFORMATION & FEE

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\* REGISTRATION CLOSED \*

*The April 12 - 14, 2011 workshop is filled to capacity. Any applications received after March 1, 2011 will be put on a waiting list. If an opening does not become available, applicants will be notified and will be given priority for the next workshop which is scheduled for Sept. 13 - 15, 2011*

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## CANCELLATION INFORMATION

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UMDNJ reserves the right to modify the activity content, faculty and activities, and reserves the right to cancel this activity, if necessary. Participants who are unable to attend may cancel up to 2 weeks prior to the course.

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## HOTEL & TRAVEL INFORMATION

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*Lodging is available at the Hampton Inn & Suites - Newark Riverwalk - in Harrison, NJ. The room rate is \$129.00 + 15% state and local taxes. Please call 973-483-1900 to make a reservation and mention **TBW** to get the group rate. Rooms are available on a first come, first served basis so please reserve a room ASAP. Complimentary bus transportation will be provided between the hotel and the conference site. The Hampton Inn has free airport shuttle service to and from Newark Liberty International Airport. **When boarding the shuttle, make sure to specify that the Hampton Inn - Newark Riverwalk is your destination.***

**If you require an accommodation because of a disability or if you have any additional needs, please contact Anita Khilall at (973) 972-9102 or send an email to [khilalan@umdnj.edu](mailto:khilalan@umdnj.edu).**