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## FACULTY

### Brown University School of Medicine

Jane Carter, MD  
Associate Professor

### Columbia University Medical Center

Neil Schluger, MD  
Chief, Division of Pulmonary, Allergy, and Critical Care Medicine

### Dartmouth University

Elizabeth Talbot, MD  
Assistant Professor  
Medical Scientist, FIND

### Milford Hospital

Lloyd Friedman, MD  
Chief Operating Officer  
VP of Medical Affairs  
Medical Director of Intensive Care

### Miriam Hospital

Adrian Gardner, MD, MPH  
Clinical Research Fellow

### Migrant Clinicians Network State College, PA

Edward Zuroweste, MD  
Chief Medical Officer

### New Hampshire TB Program

Jill Fournier, RN, BSN  
TB Program Manager

### Shattuck Hospital

Marie Turner, MD  
Medical Director, TB Treatment Unit

# TB: BEYOND THE BASICS

JUNE 10, 2011

CNE/CME CERTIFIED ACTIVITY

Course Location  
Highlander Inn  
2 Highlander Way  
Manchester, NH

## Sponsored By

New Hampshire State TB Program, New Jersey Medical School Global Tuberculosis Institute, University of Medicine & Dentistry of New Jersey (UMDNJ), 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 increase provider awareness of advanced topics and emerging trends in TB, including TB & diabetes, TB & HIV, drug resistance, BCG & bladder cancer, TB & TNF-alpha antagonists, TB & organ transplants, infectiousness, and new research on TB diagnostics. This training utilizes lectures, discussions, and case-based presentations.

## WHO SHOULD ATTEND

This training is open by invitation only. It is designed for physicians and nurses involved in the management of patients with TB.

## WHY COURSE IS NEEDED

As the incidence of tuberculosis continues to decline, maintaining clinical and public health expertise in TB is particularly challenging. This training aims to build the TB knowledge base of clinicians in order to promptly identify and adequately treat cases of active and latent TB.

## OBJECTIVES

Upon completion of this course participants will be able to:

- Explain the relationship between TB and diabetes, and apply current recommendations for proper diagnosis and treatment of TB in patients with diabetes
- Utilize current recommendations for screening, diagnosis, and treatment of latent TB infection and TB disease in patients taking TNF-alpha inhibitors in order to avoid complications related to the development of TB in those infected and the cure of active TB disease
- Select appropriate medication regimens for patients with drug resistant disease and their contacts to increase cure rate and prevent development of further drug resistance

## PLANNING COMMITTEE

### New Hampshire Infectious Disease Investigation Section

Darlene Morse, RN, M.Ed, CHES  
Public Health Nurse Program Manager

### New Hampshire TB Program

Jill Forunier, RN, BSN  
TB Program Manager

Lisa Roy, MSW  
Education Focal Point

### NJMS Global Tuberculosis Institute

### ACTIVITY DIRECTOR

Anita Khilall, MPH, CHES  
Training & Consultation Specialist

### MEMBER

Nickolette Patrick, MPH  
Training & Consultation Specialist

### US Centers for Disease Control & Prevention, Division of TB Elimination

Mark Lobato, MD  
New England Regional Consultant  
CAPT US Public Health Service

- Apply current recommendations for TB testing and diagnosis in patients being treated for bladder cancer with BCG so that patients are tested appropriately and diagnosed promptly
- Employ appropriate TB testing strategies for patients who are awaiting or have undergone organ transplants, in order to diagnose and treat them in a timely manner
- Summarize new research about TB diagnostic strategies and how to apply these strategies in various clinical settings
- Apply principles of infectiousness in order to accurately assess the risk of TB transmission
- Select an appropriate medication regimen for patients with TB-HIV co-infection to minimize drug-drug interactions and toxicities

## COURSE REQUIREMENTS

In order to meet the learning objectives and receive continuing education credits, participants are required to attend the entire course and complete an evaluation form at the end of the course. A post-course follow up evaluation will be sent to participants within 6 months of the course.

## AGENDA

- 8:30 Registration
- 9:00 Overview & Opening Remarks—Jill Fournier, RN, BSN
- 9:15 TB & Diabetes—Jane Carter, MD
- 10:00 TB & HIV—Marie Turner, MD
- 10:45 Break
- 11:00 Drug Resistance—Adrian Gardner, MD
- 11:45 Lunch
- 12:30 BCG & Bladder Cancer—Lloyd Friedman, MD
- 12:50 TNF-Alpha Antagonists—Lloyd Friedman, MD
- 1:15 Organ Transplants & TB—Neil Schluger, MD
- 2:15 Break
- 2:25 Infectiousness—Elizabeth Talbot, MD
- 3:00 New Research on TB Diagnostics—Elizabeth Talbot, MD
- 3:30 Wrap-up & Evaluations
- 3:45 End

## 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.

This activity has been planned and implemented in accordance with the Essential Areas and Policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint sponsorship of UMDNJ-Center for Continuing and Outreach Education, UMDNJ-New Jersey Medical School Global Tuberculosis Institute and New Hampshire State TB Programs.

UMDNJ-Center for Continuing and Outreach Education designates this educational activity for a maximum of 5.5 AMA PRA Category 1 Credit(s)<sup>TM</sup>. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

University of Medicine and Dentistry of New Jersey-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 (COA). Provider Number P173-11/09-12. Provider Approval is valid through November 30, 2012.

This activity is awarded 5.5 contact hours. (60 minute CH) Nurses should only claim those contact hours actually spent participating in the activity.

Provider approved by the California Board of Registered Nursing, Provider Number CEP 13780. Approved provider status refers only to continuing education activities and does not imply ANCC COA or NJSNA endorsement of any commercial products.

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### **REGISTRATION INFORMATION & FEE**

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Please register online by May 27th at:  
<http://nh2011.eventbrite.com/>

This course is free of charge.

*Additional course information will be sent via email. Please be sure to provide a valid email address on the registration form.*

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### **HOTEL & TRAVEL INFORMATION**

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Directions to the Highlander Inn, 2 Highlander Way, Manchester NH:

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#### **FROM THE NORTH**

Take I-93 South. After the \$0.75 toll, bear LEFT onto I-293/Everett Turnpike South to Manchester. I-293 and the Everett Turnpike will fork in Manchester, bear RIGHT on I-293 (you'll see Macy's on your right hand side). Once bearing RIGHT on I-293, the highway forks again; bear LEFT on I-293 South/101 East. Get off at Exit 2 (Brown Ave). Turn RIGHT onto Brown Ave. After 1.5 miles you will find the Manchester Airport. At the set of LIGHTS, go STRAIGHT. Take your first RIGHT onto HIGHLANDER WAY. This is the entrance to the Highlander.

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#### **FROM THE SOUTH**

Take I-93 North into Manchester NH. Bear LEFT onto I-293 North. Get off at Exit 2 (Brown Ave), and turn LEFT. After 1.5 miles you'll find the Manchester Airport. At the set of LIGHTS, go STRAIGHT. Take your first RIGHT onto HIGHLANDER WAY. This is the entrance to the Highlander.

#### **OR**

Take Route 3 North. In NH it becomes the F.E.Everette Turnpike. Continue North through the Bedford Tollbooth. Take the next right for I-293 South. Get off at Exit 2 (Brown Ave). Turn RIGHT onto Brown Ave. After 1.5 miles you will find the Manchester Airport. At the set of LIGHTS, go STRAIGHT. Take your first RIGHT onto HIGHLANDER WAY. This is the entrance to the Highlander.

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#### **FROM THE EAST**

Take 101 West into Manchester. Bear LEFT onto I-93 South. Bear RIGHT onto I-293 North. Get off at Exit 2 (Brown Ave), and turn LEFT. After 1.5 miles you'll find the Manchester Airport. At the set of LIGHTS, go STRAIGHT. Take your first RIGHT onto HIGHLANDER WAY. This is the entrance to the Highlander.

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#### **FROM THE WEST**

Take 101 East into Bedford, where you will merge with I-293 South. Get off at Exit 2 (Brown Ave). Turn RIGHT onto Brown Ave. After 1.5 miles you will find the

Manchester Airport. At the set of LIGHTS, go STRAIGHT. Take your first RIGHT onto HIGHLANDER WAY. This is the entrance to the Highlander.

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### **CANCELLATION INFORMATION**

UMDNJ reserves the right to modify the activity content, faculty and activities, and reserves the right to cancel this activity, if necessary.

**For program information, questions, or if you require accommodation because of a disability or if you have additional needs, please contact Nickolette Patrick at (617) 279-2240 x262, or send an email to [npatrick@hria.org](mailto:npatrick@hria.org)**