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## FACULTY

**Boston University School of Medicine  
Boston, MA**

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Biochemistry*

**Jussi J. Saukkonen, M.D.**  
*Associate Professor of Medicine*

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

**Mark Lobato, MD**  
*Medical Officer, New England Region (CT)*

**Fairfax County Health Department  
Falls Church, VA**

**Ronald Karpick, MD**  
*Tuberculosis Consultant*

**Migrant Clinician's Network  
State College, PA**

**Edward Zuroweste, MD**  
*Chief Medical Officer*

**New York City Department of  
Health & Mental Hygiene  
New York City, NY**

**Felicia Dworkin, MD**  
*Deputy Director Medical Affairs*

**Diana Nilsen, MD**  
*Acting Assistant Commissioner/Director, Bureau  
of TB Control*

**Farah Parvez, MD, MPH**  
*Medical Director, Office of Correctional Public  
Health*

**NJMS Global Tuberculosis Institute  
Newark, NJ**

**Germaine Jacqueline, MD**  
*Physician Specialist*

**Alfred Lardizabal, MD**  
*Assistant Professor of Medicine, NJMS and  
Associate Director, Global Tuberculosis Institute*

**Lillian Pirog, RN**  
*Nurse Manager, Lattimore Practice*

**Lee Reichman, MD, MPH**  
*Executive Director*

# TB INTENSIVE WORKSHOP

**JULY 17-20, 2012**

**CNE/CME CERTIFIED ACTIVITY**

## Course Location

**New Jersey Medical School Global Tuberculosis Institute  
225 Warren Street, 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 in part 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, infection control, and key aspects of patient management. The format includes lectures, discussions, small group work, and case studies.

## WHO SHOULD ATTEND

This workshop is designed for physicians, nurses and healthcare professionals who are involved in the diagnosis and management of TB patients.

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.

## FACULTY

Penn State Children's Hospital  
Hershey, Pennsylvania

George McSherry, MD  
Chief, Pediatric Infectious Disease Division

Public Health Research Institute  
Newark, NJ

Barry Kreiswirth, PhD  
Director, TB Center

UMDNJ - Robert Wood Johnson  
Medical School  
Camden, NJ

Henry Fraimow, MD  
Associate Professor of Medicine

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Burlington, VT

W. Kemper Alston, M.D., MPH  
Professor of Medicine, Infectious Disease  
Medicine

## PLANNING COMMITTEE

NJMS Global Tuberculosis  
Institute

### ACTIVITY DIRECTOR

Anita Khilall, MPH  
Senior Training & Consultation Specialist

### MEMBERS

Beth Hurley, MPH  
Training & Consultation Specialist

DJ McCabe, RN, MSN  
Trainer & Consultant, Clinical Programs

Lillian Pirog, RN, PNP  
Nurse Manager, Lattimore Practice

## OBJECTIVES

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

- Interpret epidemiology trends of TB to better screen and treat groups that are at high risk for TB
- Apply current advances for assessing risk, testing and treating latent TB infection to prevent development of disease
- Apply recommendations for the diagnosis and treatment of TB disease to prevent transmission and primary drug resistance
- Describe approaches for managing adverse drug effects to anti-TB medications to minimize toxicity and ensure completion of therapy
- Discuss the principles for managing patients with drug resistant TB disease to achieve successful outcomes
- Utilize current recommendations for the prevention and management of TB in children and adolescents
- Develop individualized approaches to promote adherence in patients taking TB medications
- Coordinate care for TB and HIV-infection to provide accurate diagnosis, integrate treatment and effectively manage co-infected patients
- Implement appropriate infection control measures along the continuum of care to prevent transmission and future cases of TB
- Describe strategies for providing TB care that is patient-centered and culturally sensitive

## COURSE REQUIREMENTS

This course will build upon the basic concepts outlined in the CDC's *Core Curriculum on Tuberculosis: What the Clinician Should Know* (Available at: <http://www.cdc.gov/tb/education/corecurr/default.htm>). Therefore, it is recommended that participants review this self study guide prior to the course to increase baseline knowledge of TB. 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. A post-course follow up evaluation will be sent within 2 months of the course.

## AGENDA

### Tuesday, July 17, 2012

8:45 am	Registration
9:15 am	Welcome & Introductions
9:45 am	Epidemiology of Tuberculosis
10:30 am	Break
10:45 am	Transmission and Pathogenesis of TB
11:15 am	Testing for TB Infection and Disease
12:00 pm	Lunch
1:00 pm	Treatment of Latent TB Infection
2:00 pm	Break
2:15 pm	Interpretation of Chest Radiographs
3:15 pm	Group Exercise
3:45 pm	Clinical Case Discussion
4:30 pm	Adjourn

### Wednesday, July 18, 2012

8:30 am	Sign-in / Breakfast
9:00 am	Review / Q & A
9:15 am	Diagnosis of TB Disease
10:15 am	Break
10:30 am	Treatment of TB Disease
11:30 am	Medical Management of Contacts
12:15 pm	Lunch
1:15 pm	Managing Adverse Drug Reactions
2:15 pm	Break
2:30 pm	Molecular Epidemiology of TB
3:45 pm	Clinical Case Discussion
4:30 pm	Adjourn

### Thursday, July 19, 2012

8:30 am	Sign-in / Breakfast
9:00 am	Review / Q & A
9:15 am	Delivering Patient Centered TB Care
10:15 am	Break
10:30 am	Management of Drug Resistant TB
11:30 am	Practical Aspects of Infection Control
12:30 pm	Lunch
1:30 pm	Management of TB-HIV Co-Infection
2:45 pm	Break
3:00 pm	Clinical Case Study
3:45 pm	Improving Adherence to TB Treatment
4:30 pm	Adjourn

### Friday, July 20, 2012

8:30 am	Sign-in / Breakfast
9:00 am	Review / Q & A
9:15 am	Management of TB in Children & Adolescents - Pt 1
10:15 am	Break
10:30 am	Management of TB in Children & Adolescents - Pt 2
11:30 pm	Patient Perspective
12:00 pm	Lunch
1: 00 pm	Extra-pulmonary Tuberculosis
1:45 pm	TB in Correctional Facilities
2:45 pm	Break
3:00 pm	Ask the Expert
4:00 pm	Wrap-up & Evaluation
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 Live activity for a maximum of 23.5 *AMA PRA Category 1 Credits*<sup>™</sup>. Physicians should claim only the 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 COA. Provider Number P173-11/09-12. Provider Approval is valid through November 30, 2012.

This activity is awarded 23.5 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.

UMDNJ - Center for Continuing and Outreach Education certifies that this continuing education activity meets the criteria for 2.35 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.

## DISCLOSURE POLICY

It is the policy of the UMDNJ - Center for Continuing and Outreach Education that all speakers and planners disclose any real or apparent conflicts of interest related to the content of this educational activity and also disclose discussions of off-label or investigational uses of drugs or devices during their presentation(s). These disclosures will be made in the activity handouts.

## REGISTRATION INFORMATION & FEE

The fee for this course is \$125 and payment must be received prior to the course. Acceptable forms of payment are check or money order made payable to *NJMS Global Tuberculosis Institute*.

Please complete the application and return it before **July 2, 2012** to:

NJMS Global Tuberculosis Institute  
PO Box 1709  
225 Warren Street  
Newark, NJ 07101-1709  
Attention: Bernie Rodriguez  
Fax: 973-972-3268

*Notification of acceptance and additional course information will be sent via email. If you have not received an email by July 6, 2012, please call (973) 972-9006 to confirm that you are registered.*

## CANCELLATION INFORMATION

UMDNJ reserves the right to modify the activity content, faculty and activities, and reserves the right to cancel this activity, if necessary. There is no cancellation fee, however, registrants who are unable to attend may cancel up to 2 weeks prior to the course for a full refund. Refunds cannot be given to registrants who do not cancel in advance. If you are unable to attend, please inform us as soon as possible so that others may be accommodated.

## HOTEL & TRAVEL INFORMATION

*Please contact us if you would like a recommendation for nearby hotels.*

*This course will be held in the International Center for Public Health located at 225 Warren Street, Newark, NJ. The following link includes a map and directions by public transportation or driving as well as parking information:*  
<http://www.umdj.edu/globaltb/map.htm>

**For additional program information, or if you require special arrangements to attend this activity, please contact Beth Hurley at (973) 972-9136 or send an email to [hurleybb@umdj.edu](mailto:hurleybb@umdj.edu).**