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FACULTY

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

John Bernardo, MD
*Professor of Medicine & Research Professor of
Biochemistry*

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

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Medical Officer, New England Region (CT)

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*Team Lead for Medical Affairs, Field Services &
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**Fairfax County Health Department
Falls Church, VA**

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Tuberculosis Consultant

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

Edward Zuroweste, MD
Chief Medical Officer

**Milford Hospital
Milford, CT**

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

**NJ Department of Health & Senior
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Trenton, NJ**

Sindy Paul, MD
Director, Division of HIV, STD & TB Services

**NJMS Global Tuberculosis Institute
Newark, NJ**

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Physician Specialist

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Associate Director

Lillian Pirog, RN
Nurse Manager, Lattimore Practice

Lee Reichman, MD, MPH
Executive Director

TB INTENSIVE WORKSHOP

MAY 1-4, 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

The Ohio State University
Columbus, OH

Shu-Hua Wang, MD, MPH & TM
Associate Professor of Medicine

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

UMDNJ - New Jersey Medical School
Newark, NJ

Paul Bolanowski, MD
Associate Professor of Surgery

Amea Patrawalla, MD
Assistant Professor of 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 and a post-test at the end of the course. A post-course follow up evaluation will be sent within 2 months of the course.

AGENDA

Tuesday, May 1, 2012

8:45 am	Registration
9:15 am	Welcome & Overview - <i>L. Reichman, MD</i>
9:45 am	Epidemiology of Tuberculosis - <i>S. Paul, MD</i>
10:30 am	Break
10:45 am	Transmission and Pathogenesis of TB - <i>S. Wang, MD</i>
11:15 am	Testing for TB Infection and Disease - <i>A. Lardizabal, MD</i>
12:00 pm	Lunch
1:00 pm	Treatment of Latent TB Infection - <i>A. Patrawalla, MD</i>
2:00 pm	Break
2:15 pm	Group Exercise
2:45 pm	Interpretation of Chest Radiographs - <i>R. Karpick, MD</i>
3:45 pm	Clinical Case Discussion
4:30 pm	Adjourn

Wednesday, May 2, 2012

8:30 am	Sign-in / Breakfast
9:00 am	Review / Q & A
9:15 am	Diagnosis of TB Disease - <i>J. Bernardo, MD</i>
10:15 am	Break
10:30 am	Treatment of TB Disease - <i>J. Bernardo, MD</i>
11:30 am	Managing Adverse Drug Reactions - <i>S. Wang, MD</i>
12:30 pm	Lunch
1:30 pm	Medical Management of Contacts - <i>S. Mase, MD</i>
2:15 pm	Break
2:30 pm	Molecular Epidemiology of TB - <i>B. Kreiswirth, PhD</i>
3:45 pm	Clinical Case Discussion
4:30 pm	Adjourn

Thursday, May 3, 2012

8:30 am	Sign-in / Breakfast
9:00 am	Review / Q & A
9:15 am	Management of Drug Resistant TB - <i>S. Mase, MD</i>
10:15 am	Break
10:30 am	Clinical Case Study - <i>P. Bolanowski, MD</i>
11:15 am	Practical Aspects of Infection Control - <i>M. Lobato, MD</i>
12:15 pm	Lunch
1:15 pm	Management of TB-HIV Co-Infection - <i>H. Fraimow, MD</i>
2:30 pm	Break
2:45 pm	TB and Cultural Competency - <i>E. Zuroweste, MD</i>
3:45 pm	Improving Adherence to TB Treatment - <i>L. Pirog, RN, PNP</i>
4:30 pm	Adjourn

Friday, May 4, 2012

8:30 am	Sign-in / Breakfast
9:00 am	Review / Q & A
9:15 am	Management of TB in Children & Adolescents - Pt 1 - <i>G. McSherry, MD</i>
10:15 am	Break
10:30 am	Management of TB in Children & Adolescents - Pt 2 - <i>G. McSherry, MD</i>
11:30 pm	Patient Perspective - <i>J. Rao</i>
12:00 pm	Lunch
1: 00 pm	Extra-pulmonary Tuberculosis - <i>G. Jacqueline, MD</i>
1:45 pm	TB in Patients on TNF-alpha Inhibitors - <i>L. Friedman, MD</i>
2:45 pm	Break
3:15 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™. 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 23.50 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 **April 16, 2012** to:

NJMS Global Tuberculosis Institute
PO Box 1709
225 Warren Street
Newark, NJ 07101-1709
Attention: Alyce Caulfield
Fax: 973-972-1064

Notification of acceptance and additional course information will be sent via email. If you have not received an email by April 20, 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 Anita Khilall at (973) 972-9102 or send an email to khilalan@umdj.edu.