

**CLINICAL TRAINING COURSE IN TROPICAL  
MEDICINE AND TRAVELER'S HEALTH**

**CLINICAL TROPICAL MEDICINE  
AND TRAVELER'S HEALTH**

*June 13, 2016 - March 1, 2017*

SPONSORED BY THE

THE GLOBAL HEALTH PROGRAM  
WVU SCHOOL OF MEDICINE OFFICE OF CONTINUING MEDICAL EDUCATION  
and the  
DEPARTMENT OF MICROBIOLOGY  
ROBERT C. BYRD HEALTH SCIENCES CENTER OF WEST VIRGINIA UNIVERSITY  
MORGANTOWN, WEST VIRGINIA

Melanie A. Fisher, M.D., M.Sc.  
Professor of Medicine  
Director, Global Health Program  
**Director, "Clinical Tropical Medicine and Traveler's Health"**  
**Coordinator, Introduction to Global Public Health Module**  
**Coordinator, Clinical Practice in the Tropics and Traveler's Health Module**

Kathryn Moffett, M.D.  
Professor of Pediatrics  
**Coordinator, Infectious Diseases Module**

Arif Sarwari, M.D., M.Sc.  
Associate Professor of Medicine  
**Coordinator, Medical Parasitology and Simulations Module**

Valerie Watson, M.Sc.  
Teaching Assistant Professor, Department of Microbiology  
**Coordinator, Medical Parasitology and Simulations Module**

\* Accredited by the American Society of Tropical Medicine and Hygiene

The Robert C. Byrd Health Sciences Center of West Virginia University, through its Global Health Program, conducts an annual certificate-granting Clinical Training Course in Tropical Medicine and Traveler's Health, accredited by the American Society of Tropical Medicine and Hygiene (ASTMH).

## **OBJECTIVES**

Following this conference, participants should be able to:

- Identify major global issues in tropical public health such as Women's Health, Emerging Infectious Diseases, Vector Control, Water and Sanitation, and Famine and Refugees. Discuss clinical tropical diseases frequently encountered in the developing world.
- Diagnose and treat these diseases
- Implement field-based preventive and control measures for major communicable/infectious diseases
- Manage travel related illnesses

## **DESCRIPTION**

This course is designed to provide training in tropical medicine and global public health issues through a multidisciplinary approach to disease. Traveler's health is covered in detail as well. The course is divided into four modules: **Module 1** – Introduction to Global Public Health; **Module 2** – Clinical Practice in the Tropics and Traveler's Health; **Module 3** – Medical Parasitology and Simulations; and **Module 4** – Infectious Diseases. Modules 1 and 4 are offered only online. Module 2 may be taken either in person (on site), or online. Module 3 must be taken in person (on site). The duration of each module taken in person is two weeks. Participants who take Modules 1, 2 and 4 online will have until March 1, 2017 to complete the module(s). Participants may take one or more modules in a given year and in any order.

Lectures, laboratory components and detailed case studies will examine specific tropical diseases and stress diagnosis, treatment and implementation of preventive and control measures. The course will also include hands-on experience in ultrasound, eye exams, suturing, and neonatal resuscitation.

All elements of ASTMH curriculum are covered, as well as practical aspects of providing quality health care in resource-limited settings.

The course will be open to family medicine practitioners, general internists, internal medicine subspecialists, pediatricians, emergency medicine physicians, obstetricians/gynecologists, surgeons, anesthesiologists, dentists, nurses, public health professionals, physician assistants, and to anyone interested in making a career change. This course is divided into 3 two-week modules in order to accommodate busy schedules and allow more flexibility for health care professionals to take the course. The course content of approximately 301 hours of didactic contact time is as follows:

- 1) Didactic lectures, seminars, and small-group discussions in infectious diseases and tropical medicine, and tropical public health [**240 hours**];
- 2) Laboratory demonstrations and practicums in microbiology (eg. bacteriology, parasitology, mycology, mycobacteriology, virology), hematology, serology, dermatology, surgery, radiology, primary health care techniques, and computers [**52 hours**];
- 3) Flexible, supervised, educational training modules in: International travel medicine; computer modeling in epidemiologic field methods (eg. EPI Info, biostatistics, etc.) and infectious diseases and parasitology case studies (both slide- and video-based) [**9 hours**].

The WVU Global Health Program can assist participants in arranging two-month clinical field experiences in tropical medicine for those who have not worked overseas previously. The course focuses on the imparting of essential skills and competencies in clinical tropical medicine, laboratory skills in a low-technology setting, epidemiology and disease control, and traveler's health. The didactic portion of the ASTMH course is conducted by both full-time and clinical

faculty at WVU and by visiting faculty from several American schools of medicine and public health.

Lecturers and demonstrators have had significant overseas experiences in clinical tropical medicine and/or tropical public health, and/or are nationally or internationally recognized in their field of expertise.

**Course materials:** All course materials, including lectures, class notes, quizzes, exams, handouts, presentations and other materials provided to our participants are protected intellectual property. As such the unauthorized purchase or sale of these materials is not permitted

### **Planning Committee Members**

Melanie A. Fisher, MD, MSc, Dana Friend, RN, MPH, Jacqueline Mier, RN, Kathryn Moffett, MD, Nancy Sanders, Arif Sarwari, MD, Jacque Visyak, and Valerie Watson, MSc.

**Registration fees:** \$5700 physicians and dentists in private practice taking all 4 modules; \$4700 physicians and dentists working overseas for charitable organizations taking all 4 modules and other health care professionals (nurses, physician assistants, nurse practitioners); \$2500 military, residents, fellows and physicians from developing countries; \$2200/person residency/fellowship programs sending 2 or more participants; A 10% discount is offered for early registration. \$500/module non-WVU students.

**Recorded presentations:** Lectures are recorded and available electronically through SOLE/Camtasia. Participants who have registered for a module will have access to the lectures electronically through SOLE/Camtasia free of charge for five years as long as they log on at least once a year. After five years, there will be a small fee to access the updated lectures on SOLE/Camtasia. For example, if a participant is registered for Module 1 they will have access to any future updated lectures for Module 1 (etc.). If a participant does not log in to SOLE/Camtasia within a year their account becomes inactive. If this happens, they can contact the Program Coordinator or IT to reactivate their account.

**Online Course:** The American Society of Tropical Medicine & Hygiene (ASTMH) has approved and accredited Modules 1, 2 and 4 to be offered online. Module 3, because of its many hands-on labs, cannot be offered online. For more information or questions about the online course, please contact Mrs. Nancy Sanders or Mrs. Jacque Visyak (304) 293-5916 or by email [nsanders@hsc.wvu.edu](mailto:nsanders@hsc.wvu.edu), [jvisyak@hsc.wvu.edu](mailto:jvisyak@hsc.wvu.edu).

## **ACCREDITATION**

The WVU School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The WVU Office of CME designates this live activity for a maximum of **50 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.

This continuing education activity has been provided by the **WVU School of Nursing for 50 contact hours**. The WVU School of Nursing is an approved provider of continuing education by the State of West Virginia Board of Examiners for Registered Professional Nurses, Legislative Rule #19CSR11-4 under provider number WV-1996-0120RN.

The **AOA** has approved this educational activity for **150 hours for Category-2A Credit**.

Application has been made to the **American College of Emergency Physicians for 50 hours of ACEP Category I credit**.

Application for CME credit has been filed with the **American Academy of Family Physicians. Determination of credit is pending.**

**Each participant should claim only those credits that he/she actually spent in the activity.**

## **HOUSING**

On-campus and off-campus housing facilities are available to course participants with easy access to the Health Sciences Center, Morgantown stores, restaurants, and other facilities via walking, via the Personal Rapid Transit (PRT) connecting WVU and downtown, and via municipal bus lines. A listing of these on-campus and off-campus dormitories and apartment

complexes will be provided upon request. **Housing accommodations will be the responsibility of the participant.**

### **ADDITIONAL INFORMATION**

For more information on the course, contact Nancy Sanders at (304) 293-5916, fax (304) 293-2209 or e-mail nsanders@hsc.wvu.edu.

**Important:** If you are unable to attend the course after you have registered, you must notify us in writing six weeks prior to the start of the course to receive a refund. **A \$75.00 fee will be charged for all canceled registrations.** We reserve the right to cancel individual sessions or the entire course. In the event of a course cancellation, a full tuition refund will be made.

# **PARTICIPATING FACULTY**

## **WVU FACULTY**

### **Course Coordinators:**

**Melanie A. Fisher, MD, MSc**  
**Professor of Medicine**  
**Director, Global Health Program**

**Kathryn Moffett, MD**  
**Professor of Pediatrics**  
**General Pediatrics/Infectious Diseases**

**Arif Sarwari, MD, MSc**  
**Associate Professor of Medicine**  
**Section of Infectious Diseases**

**Valerie Watson, MSc**  
**Teaching Assistant Professor,**  
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Professor of Ophthalmology

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Danielle Davidov, PhD  
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Carl Grey, MD  
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**VISITING FACULTY**

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## **DISCLOSURE**

It is the policy of the WVU School of Medicine Office of CME to ensure balance, independence, objectivity, and scientific rigor in all its educational activities. All faculty/authors/planners participating in our programs are expected to disclose any relevant relationships they may have with commercial companies. Actual signed disclosure forms will be included in conference materials for all those identifying relevant relationships. All others have indicated that they have no significant interests to disclose.

These relationships, along with the educational content of this program, will be reviewed and any potential conflicts of interest will be resolved to the satisfaction of the WVU School of Medicine Office of CME prior to the activity. If a conflict cannot be resolved, the person involved will be removed from control of content.

## **SOCIAL JUSTICE SYLLABUS STATEMENT**

West Virginia University is committed to social justice. We concur with that commitment and expect to foster a nurturing learning environment based upon open communication, mutual respect, and non-discrimination. Our University does not discriminate on the basis of race, sex, age, disability, veteran status, religion, sexual orientation, color or national origin. Any suggestions as to how to further such a positive and open environment in this class will be appreciated and given serious consideration.

If you are a person with a disability and anticipate needing any type of accommodation in order to participate in this class, please advise us, and we will make appropriate arrangements with Disability Services.