



**Announcing
GHDx Course 2
Advanced Didactic and Laboratory Training for Global Health
July 20th – Aug 7th, 2009
University of Washington and the Washington State Health Laboratories,
Seattle, WA**

Application Deadline: April 15, 2009

The Center for Point-of-Care Diagnostic for Global Health (GHDx Center), a collaboration between PATH and the University of Washington, and part of the Point-of-care Technologies Research Network funded by the NIBIB/NIH, invites you to apply to the first annual GHDx Course 2.

This course, offered July 20–August 7, 2009 is open only to individuals who have completed the introductory course on Point-of-Care Diagnostics for Global Health, held in Seattle in 2008.

The goals of this three-week course are to provide advanced cross-disciplinary training on the clinical, epidemiologic, and diagnostic aspects of diseases impacting global health, with an emphasis on the implementation of point-of-care diagnostic tests in low resource settings. In week 1 and 2 (July 20th – 30th), students will be enrolled in the Principles of STD and HIV Research, a course offered in Seattle for the past 17 years. Although this course will focus on STDs and HIV, the principles outlined in this course are applicable to the study of other infectious diseases. The objectives of this course are:

- To introduce current and future investigators to critical research areas and questions in the fields of STD, HIV.
- To expose investigators to the research techniques and tools needed to conduct scientifically sound studies, including study design, experimental approach, production of instruments for data collection, and methods for data analysis.
- To introduce trainees to the fundamentals of different disciplines involved in STD and HIV research in order to foster research collaborations.
- To discuss strategies for successfully competing for research funds and for publishing one's work.

More information, as well as a detailed syllabus, for this course is available at:

<http://depts.washington.edu/pshr/registration.html>

A minicourse focusing on the feasibility, acceptability, and effectiveness of service delivery strategies in a variety of health programs worldwide will be offered July 31st. The aim of this minicourse is to improve program managers' and researchers' understanding of the theory and methodology of operations research, particularly for its

GHDx Course 2, July 20th – Aug 7th, 2009

Course Information

use in developing countries. For more information, please visit: <http://depts.washington.edu/cfas/training/HSSR/scientificprog.shtml>

In week 3 (August 3rd – 7th), course material will focus on the principles of laboratory diagnostics, appropriate selection of gold standard and POC diagnostic tests in diverse settings, implementation of appropriate quality control systems, and assessment of their performance in LRS's. The aims of the coursework in week 3 are:

- To provide an understanding of the principles of a wide range of test procedures and formats for the diagnosis of diseases of global significance, with an emphasis on point-of-care diagnostic tests for use in LRS's.
- To provide hands-on training on the performance of these tests
- To gain an understanding of the importance of, and procedures for, quality assurance and quality control procedures
- To provide students with the tools needed to evaluate the performance of these diagnostic tests in diverse settings.

While this course will focus primarily on STDs, TB, Malaria, and HIV, the experiences obtained will be applicable to the performance and understanding laboratory diagnostics in general.

Who should attend

Students successfully completed DHDx Course 1, Point-of-Care Diagnostics for Global Health (which was offered July 14-18, 2008 in Seattle) are eligible to enroll in GHDx Course 2, Advance Didactic and Laboratory Training for Global Health. As with course 1, this course will be particularly applicable to:

- Researchers interested in development and/or implementation of POC devices
- Clinicians involved in health care implementation in low resource settings
- Directors, supervisors, and teachers in clinical laboratories
- Public health officials (US and international) overseeing laboratory testing
- Participant from academia and industry inteted in the application of POC testing to improve health care in LRS's

Tuition, travel, and housing costs

Once a candidate is accepted into the course, the GHDx Center will pay expenses necessary for that person to attend, including:

- Coach class airfare to Seattle
- Round-trip transportation between SeaTac airport and the University of Washington (UW)
- Lodging for one person at the UW dormitories
- Meals (breakfast, lunch, and dinner) at the UW cafeteria or other sites, as appropriate
- Course tuition
- Transportation to course-related activities

Accommodations

As with Course 1, University of Washington dormitory accommodations, a 10 minutes walk to the course site in weeks 1 & 2, will be provided to course participants.

GHDx Course 2, July 20th – Aug 7th, 2009 Course Information

Transportation to the laboratory training offered in course 3 will be provided. Dormitory housing is an economical and convenient choice for lodging, which includes your room, a shared bathroom, and a meal card for meal purchases at designated University dining locations (\$30/day) will be provided as part of the course. Detailed on-campus lodging information will be included in the course confirmation letter.

For more information, please contact Ms. Christine Makela at:
206-744-3785 or pocidea@u.washington.edu.

While participants may choose to pay for housing at local hotels; there is no monetary compensation for participants who choose off campus housing. Please inform us so that we may cancel your reservation in the dormitory.

University of Washington Disability Accommodations: Contact the Disabilities Services Office at least 10 days in advance at (206) 543-6450 (voice); (206) 543-6452 (TTY); (206) 685-3885 (fax), or E-mail access@u.washington.edu.

Course Directors

Pat Totten, Ph.D.
Karen Stephens, Ph.D.

Travel/Accommodation Information

Christine Makela
Voice: 206-744-3785
Fax: 206-744-3693
Email: pocidea@u.washington.edu

Course Location

South Campus Center (week 1 and 2)
Room 348/350
University of Washington Campus
Seattle, Washington
and
The Washington State Department of Health
Public Health Laboratories
1610 N.E. 150th Street
Shoreline, Washington

For an application form and more information on the course; please visit:
<http://www.path.org/dxcenter/training-developers-and-users.php>.