



Announcing

GHDx Course 4

Point-of-Care Assay Fellowship for Global Health

The [Center for Point-of-Care Diagnostics for Global Health](http://www.path.org/dxcenter) (GHDx Center), sponsored by the National Institutes of Health, National Institute of Biomedical Imaging and Bioengineering (NIH/NIBIB), PATH, and the Department of Global Health, University of Washington (UW) invites you to apply for a fellowship in a fully-funded research program. This fellowship will consist of six months of laboratory research in Seattle followed by a three-month period of continued, but distant, mentorship upon return to your country. The fellowships focus on diagnostic assay development and implementation. The GHDx Center Fellowship, Level 4 in the the GHDx Center program series, is offered to individuals from low-resource settings who have completed GHDx Center Course 1 in 2008, 2009, or 2010. If you are interested in participating in this fellowship, please fill out the application form for Course 4 at: <http://www.path.org/dxcenter/training-developers-and-users.php> and submit it by July 15, 2011.

Goal

Post-doctoral, doctoral, or experienced laboratory scientists will collaborate with their mentors in the development or evaluation of laboratory diagnostics with the ability to enhance laboratory diagnostic assays and point-of-care (POC) testing programs in their low-resource settings.

Scope

Fellows will be paired with mentors in Seattle to gain hands-on experience in one or more of the areas of:

- Assay research and development
- Test evaluation including study design, clinical protocol development, and laboratory or field evaluation
- Biostatistics
- Laboratory management
- Strategies for implementation of POC testing

A list of potential mentors and projects are listed in a separate document on the GHDx Center website http://www.path.org/dxcenter/files/Course_4_Fellowship_opportunities.pdf In addition to these listed projects, fellows also have the opportunity to propose their own project with a proposed mentor, based on their area of interest.

Who should apply:

- International laboratory scientists who have successfully completed GHDx Center Course 1, *Point-of-Care Diagnostics for Global Health* (either the 2008, 2009, or 2010 course in Seattle) are eligible to enroll in the GHDx Center Course 4 fellowship program.

- Fellowships will be limited to one to three laboratory scientists per year who have shown exemplary promise during previous GHDx Center courses and have an interest in improving laboratory diagnostics in their home settings.
- Course 4 will be particularly applicable to fellows interested in gaining hands-on experience in:
 - Development and/or implementation of POC devices
 - Laboratory management
 - Test evaluation including study design, clinical protocol development, and research laboratory or field experience
 - Biostatistics
 - Strategies for implementation of POC testing

Logistics

- The program will consist of a six-month fellowship in Seattle followed by a three-month period of continued, distance mentorship in their home setting.
- The start date for the fellowship will be determined at an agreed-upon time between the mentor and the fellow. However, we would like some of these projects to start before the fall of 2011.
- Stipends will be provided for the fellows to cover travel, living expenses, and lab supplies. We anticipate that fellows will be hosted in the homes of volunteer UW families; we will assist in finding suitable accommodations.
- Mentors can be faculty/investigators at UW, PATH, Fred Hutchinson Cancer Research Center, Seattle Children's Hospital, Seattle BioMed (formerly Seattle Biomedical Research Institute), or other academic-affiliated or private-sector institutions or companies in the Seattle area.
- Fellowship awardees will be selected by a committee including the prospective mentor and GHDx Center principal investigators on or before July 30, 2011.
- Fellows are expected to report on the progress of their project monthly to a committee composed of their mentor, fellowship directors, and PATH diagnostic developers.

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 lodging accommodations of the student
- \$2,000/month fellowship to cover rent and living expenses. In addition, \$500/month will be provided for laboratory supplies needed for the six-month fellowship in Seattle.

For more information, please contact Ms. Christine Makela at:
206-897-5351 or cem3@uw.edu.

Course Directors

Pat Totten, PhD
Karen Stephens, PhD

Travel, Accommodation, and General Course Information

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Course Sponsors

National Institute of Biomedical Imaging and Engineering (NIBIB)
The Department of Global Health, University of Washington, Seattle, Washington

Participating Organizations

- University of Washington, Departments of Laboratory Medicine, and Medicine (Division of Infectious Diseases), Seattle, Washington
- PATH (Program for Appropriate Technology in Health), Seattle, Washington

For an application form, please visit: <http://www.path.org/dxcenter/training-developers-and-users.php>