**HVTN Workshop:**

**Statistical Issues in HIV Vaccine Trial Design and Evaluation**

**Deadline for application**: 27 April 2015  
**Notification of acceptance:** 11 May 2015

The HIV Vaccine Trials Network in close collaboration with the University of Cape Town (UCT) and the Cape Town HVTN Immunology Laboratory is soliciting applications for a workshop for **African investigators at the masters, doctoral, and post-doctoral level**. This workshop focuses on key statistical considerations for the design and analysis of HIV vaccine trials. Funding is provided from the Bill and Melinda Gates Foundation.

After completing this workshop, scholars will be able to:

* Understand fundamental statistical methods relevant to HIV vaccine evaluation;
* Describe clinical trial designs for early phase evaluation of HIV vaccines;
* Describe efficacy trial designs and how they may be used to efficiently evaluate the efficacy of multiple vaccine regimens in parallel;
* Comprehend statistical methods used to evaluate correlates of risk and protection and how they were applied to evaluate successful HIV vaccine trial data;
* Consider the role of bioinformatics and sieve analysis in the evaluation of HIV vaccine candidates.

This is a 2-day workshop that will take place from October 22-24 in Cape Town, South Africa. The workshop will involve short lectures and interactive exercises to apply key concepts. On the last day, participants will have the opportunity to meet one on one with faculty to help address statistical questions related to their own research projects. Participants will also be invited to attend the HIV Vaccine Trials Network Full Group Meeting (HVTN FGM) in Cape Town prior to the workshop from October 20-22.

Workshop faculty include:

**Paul Edlefsen**, Assistant Member, Fred Hutchinson Cancer Research Center, Seattle, USA.

**Andrew Fiore-Gartland**, Staff Scientist, Fred Hutchinson Cancer Research Center, Seattle, USA.

**Peter Gilbert**, Member, Fred Hutchinson Cancer Research Center, Seattle, USA.

**Zoe Moodie**, Senior Staff Scientist, Fred Hutchinson Cancer Research Center, Seattle, USA.

**Landon Myer**, Professor & Head, Epidemiology & Biostatistics, University of Cape Town,  SA.

**Martha Nason**, Mathematical Statistician, National Institute of Allergy and Infectious Diseases, Maryland, USA.

We will select 20 to 25 qualified scholars for the workshop. Travel and lodging scholarships are available for scholars living outside of Cape Town (lodging during the HVTN FGM will not be included).

***We encourage highly qualified investigators, statisticians and epidemiologists (masters, doctoral or post-doctoral level) to apply.*** ***To apply, please fill out the attached application by 4/27/2015 and provide the following materials to*** *Margo Rogers marogers@fredhutch.org*

1. **CV**
2. **Statement of interest** -please describe your research interests, comment on your background in statistics and epidemiology, and describe how this workshop will support your future work in the HIV vaccine field.
3. **Letter of recommendation** from an institutional or organizational official, supervisor, or colleague verifying your eligibility and merit to participate in this workshop.