

**Applied HIV Epidemiology Track Courses/Workshops - Public Health Institute, Spring 2006**  
Monday, May 22nd through Friday, May 26th, 2006 - Penn State, Penn State University, State College.



**Public Health Institute**

**SAVE THE DATES!!**

**DEPARTMENT OF  
HEALTH**

**Public Health Institute**

**Applied HIV Epidemiology Track**

**SPRING 2006**

**Monday, May 22nd through Friday, May 26<sup>th</sup>, 2006**

<http://www.health.state.pa.us/phievent>

Calvin B. Johnson, M.D., M.P.H.  
Secretary of Health

The Applied HIV Epidemiology Track provides specific capacity development/training courses and workshops to HIV epidemiology partners, public health support staff & Departmental partners/contractors for program planning, development, implementation, and evaluation purposes. This specialty track is offered at the Spring 2006 Public Health Institute event for public health program planners, managers, and clinical service delivery partners of the Pennsylvania Department of Health.

The program is BY INVITATION ONLY.

**Contact Information:**

Dr. Benjamin Muthambi, [DrPH, MPH]  
*Program Director, Applied HIV Epidemiology Track,*  
Public Health Institute, PA DePARTMENT of Health  
Rm 933, Health & Welfare Bldg,  
Cnr. 7<sup>th</sup> & Foster Street  
Harrisburg, PA 17120

For more information, please e-mail inquiries to:  
[BMuthambi@state.pa.us](mailto:BMuthambi@state.pa.us) or visit <http://www.health.state.pa.us/phievent>

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### Program Faculty/Instructors At-a-Glance

(Bio Sketches of Faculty are on Pages 9 - 12)

Tonya Crook, MD, MS	<i>*Penn State College of Medicine</i>
Doyin Desalu, MS, MPH, DrPH	<i>*Southwest PA AIDS Coalition</i>
Steve Godin, PhD, MPH	<i>*East Stroudsburg University</i>
Benjamin Muthambi, DrPH, MPH	<i>PA Dept of Health (PA DOH) *Institute of HIV/AIDS Surveillance &amp; Epidemiology at the Institutes of Epidemiology &amp; Public Health, Inc.</i>

*\*Academic, Public Health and/or HIV-related Affiliations outside the PA Department of Health*

## Applied HIV Epidemiology Track Courses/Workshops - Public Health Institute, Spring 2006

Monday, May 22nd through Friday, May 26th, 2006 - Penn Stater, Penn State University, State College.

### Program At-a-Glance

Course titles marked with asterisks (\*\*) are offered as a continuing series with updates of practice guidelines, project progress and public health recommendations, and new perspectives at each Public Health Institute (PHI). To remain up-to-date, the target audience is strongly encouraged to attend the course whenever it's offered at the PHI in order to exchange approaches, receive feedback and updates as most course content consists of updates and past content may not be repeated at the next PHI.

Date	Course #	Course Time, Title & Faculty (Instructors)
Monday 5/22/06	16-01	1:30 – 4:30 PM (Afternoon session): Introduction to HIV Epidemiology, Basic Science, and Guidelines for Primary Medical Care & Public Health Practice. <i>Faculty/Instructors: Dr. Benjamin Muthambi, [DrPH, MPH]; Dr. Tonya Crook, [MD, MS]</i>
Tuesday 5/23/06	16-08	8:30 AM - 4:30 PM (All day session with breaks): **Linkage of Epidemiologic HIV Case Surveillance/Persons Living with HIV to Prevention/ Care Interventions (Addressing Unmet Needs) <i>Faculty/Instructors: Dr. Benjamin Muthambi, [DrPH, MPH]; Dr. Doyin Desalu, [MS, MPH, DrPH]; and Panelists/Discussants to be Announced</i>
Wednesday 5/24/06	16-16	8:30 – 4:30 PM (All day session with breaks): Introduction to Geo-Spatial Mapping in HIV Service Needs & Gap Analyses (in Unmet Needs Studies) <i>Faculty/Instructors: Prof. Steve Godin, [PhD, MPH]; Dr. Benjamin Muthambi, [DrPH, MPH]</i>
Thursday 5/25/06	16-25	8:30 AM - 4:30 PM (All day session with breaks): **Principles of Epidemiology: Methods for Estimation, Assessment and Addressing Unmet Needs for HIV Care & Prevention <i>Faculty/Instructor: Dr. Benjamin Muthambi, [DrPH, MPH]</i>
Friday 5/26/06	16-34	8:30 AM - 12:30 PM (Morning session): Ethical Implications of Study Design in Epidemiologic or other Public Health Agency Studies: A primer on pre-IRB and IRB review considerations. <i>Faculty/Instructor: Dr. Benjamin Muthambi, [DrPH, MPH]</i>

## Course/Workshop Descriptions

Course titles marked with asterisks (\*\*) are offered as a continuing series with updates of practice guidelines, project progress and public health recommendations, and new perspectives at each Public Health Institute (PHI). To remain up-to-date, the target audience is strongly encouraged to attend the course whenever it's offered at the PHI in order to exchange approaches, receive feedback and updates as most course content consists of updates and past content may not be repeated at the next PHI.

**Course #:** 16-01

**Monday, 5/22/06: 1:30 – 4:30 PM (Afternoon session):**

**Introduction to HIV Epidemiology, Basic Science, and Guidelines for Primary Medical Care & Public Health Practice.**

**Instructors:** Dr. Benjamin Muthambi, [DrPH, MPH]; Dr. Tonya Crook, [MD, MS]

### **Learning Objectives:**

After completing this course/workshop, the learner/participant should be able to:

1. Describe changes in population/risk groups, improving survival, increased prevalence and disproportionate impact of the HIV epidemic in Pennsylvania;
2. Describe transmission modes, molecular host-virus interactions, vaccine and drug treatment targets;
3. Describe aspects of PHS HIV disease management guidelines relevant to treatment and adherence case management to address unmet needs for primary medical care and public health; and how to access clinical update training;
4. Access clinical updates and continuing medical education on HIV through the HRSA-funded PA-MidAtlantic AETC HIV Training Programs for Clinicians;

### **Course/Workshop Description:**

This 2-module course is an introductory review of HIV Epidemiology, basic science, transmission, prevention, clinical & public health system context. The 3 modules in the course are as follows:

**-Module 1:** Changes in the HIV/AIDS Epidemic in Pennsylvania: Inference on changes in population/risk groups, improving survival, increased prevalence and disproportionate impact (1:30 – 2:25 PM);

**-Module 2:** Introduction to transmission modes and basic medical science (molecular host-virus interaction, vaccine and drug treatment targets), (2:25 – 3:00 PM); and

**-Module 3:** HHS/PHS/CDC Guidelines for Primary Medical Care & Public Health Practice in the public health system context of HIV disease management (incl. how to access updates for clinicians through the HRSA-funded PA-MidAtlantic AETC HIV training programs), (3:05 – 4:30 PM).

**Target Audience:** a) HIV Epidemiology & public health program support staff for program planning, development, implementation, evaluation; b) Public Health program planners, managers, case managers and clinical service delivery partners of the PA Department of Health;

**General Attendance Planning Guide:** The course content is updated once a year and is offered each spring and fall at the Public Health Institute (PHI). Only Module 1 of this course is also offered during the annual orientation meeting for new and continuing members of the statewide HIV prevention community planning group. To remain up-to-date, the target audience is strongly encouraged to attend the course at least once in each academic year, either in the fall or the following spring PHI.

## Course/Workshop Descriptions

Course titles marked with asterisks (\*\*) are offered as a continuing series with updates of practice guidelines, project progress and public health recommendations, and new perspectives at each Public Health Institute (PHI). To remain up-to-date, the target audience is strongly encouraged to attend the course whenever it's offered at the PHI in order to exchange approaches, receive feedback and updates as most course content consists of updates and past content may not be repeated at the next PHI.

**Course #:** 16-08

**Tuesday 5/23/06: 8:30 AM - 4:30 PM (All day session with breaks):**

**\*\*Linkage of Epidemiologic HIV Case Surveillance/Persons Living with HIV to Prevention/Care Interventions (Addressing Unmet Needs)**

**Instructors:** Dr. Benjamin Muthambi, [DrPH, MPH]; Dr. Doyin Desalu, [MS, MPH, DrPH]; and Panelists/Discussants to be Announced

### Learning Objectives:

After completing this course/workshop, the learner/participant should be able to:

1. Describe basic issues and approaches in linkage of Epidemiologic case surveillance/persons with unmet needs to HIV to prevention and care interventions;
2. Discuss, compare and contrast models of linkage of Epidemiologic case surveillance/persons with unmet needs to prevention and care interventions for HIV, STIs & TB intervention;
3. Identify basic Epidemiologic concepts and principles in the design, conduct and comparative evaluation of competing models for linkage of Epidemiologic case surveillance/persons with unmet needs to intervention activities;
4. Describe applied HIV epidemiology collaboration mechanisms to address linkage at the health agency level through commissioned & mentored in-service learning projects;

### Course/Workshop Description:

This course is offered in 4 modules of progressive complexity as follows:

**-Module 1:** Introductory Concepts (8:30 – 10:30 AM);

**-Module 2:** Issues, Approaches & Models: A Roundtable, Participatory, Comparative Review of Linkage of Epidemiologic Case Surveillance of HIV to Prevention and Care Interventions in contrast to STIs & TB (10:40 AM – 12:30 PM);

**-Modules 3:** Introduction to Applied HIV Epidemiology Methods: Design, Conduct and Comparative Evaluation of Competing Models for Linkage of Epidemiologic Case Surveillance to Intervention Activities (1:30 – 2:55 PM)

**-Modules 4:** Introduction to Applied HIV Epidemiology Collaboration Mechanisms for Addressing Linkage through Commissioned & Mentored In-Service Learning Projects (3:05 – 4:30 PM);

**Target Audience:** a) Epidemiology & support staff for program planning, development, implementation, evaluation; b) Public Health program planners, managers and clinical service delivery partners of the Pennsylvania Department of Health;

**General Attendance Planning Guide:** The course content is offered as a continuing series with updates of practice guidelines, project progress and public health recommendations, and new perspectives at each Public Health Institute (PHI). To remain up-to-date, the target audience is strongly encouraged to attend the course whenever it's offered at the PHI in order to exchange approaches, receive feedback and updates as most course content consists of updates and past content may not be repeated at the next PHI.

## Course/Workshop Descriptions

Course titles marked with asterisks (\*\*) are offered as a continuing series with updates of practice guidelines, project progress and public health recommendations, and new perspectives at each Public Health Institute (PHI). To remain up-to-date, the target audience is strongly encouraged to attend the course whenever it's offered at the PHI in order to exchange approaches, receive feedback and updates as most course content consists of updates and past content may not be repeated at the next PHI.

**Course #:** 16-16

**Wednesday 5/24/06: 8:30 – 4:30 PM (All day session with breaks):**

**Introduction to Geo-Spatial Mapping in HIV Service Needs & Gap Analyses (in Unmet Needs Studies)**

***Instructors:*** Prof. Steve Godin, [PhD, MPH]; Dr. Benjamin Muthambi, [DrPH, MPH]

### **Learning Objectives:**

1. Identify public health service questions that can be answered with geo-spatial mapping analyses;
2. Review geo-spatial mapping analyses and the resulting interpretations and recommendations for public health action;
3. Translate interpretations and recommendations from geo-spatial mapping analyses into public health action;
4. Perform a basic geo-spatial mapping analysis overlaying 2 layers using an ArcView-type GIS software;
5. Identify applied HIV Epidemiology collaboration mechanisms for addressing service gap analyses at the local/health agency level through commissioned and/or mentored in-service training projects;

### **Course/Workshop Description:**

This introductory course will introduce and train participants on the use of geo-spatial mapping as an analytical technique for HIV service gap analyses.

This course is to be offered in 3 modules as follows:

**-Module 1:** Introduction to the Use of Geo-Spatial Mapping as an Analytical Technique for HIV Service Gap Analyses; (8:30 AM – 12:30 PM);

**-Module 2:** Hands-on demonstration of a basic geo-spatial mapping analysis overlaying 2 layers using ArcView-type GIS software; (1:30 PM – 3:30 PM);

**-Module 3:** Introduction to Applied HIV Epidemiology Collaboration Mechanisms for Assessing & Addressing Service Gaps through Commissioned & Mentored In-Service Learning Projects; (3:30 PM – 4:30 PM);

**Target Audience:** a) HIV Epidemiology & public health program support staff for program planning, development, implementation, evaluation; b) Public Health program planners, managers, case managers and clinical service delivery partners of the PA Department of Health;

**General Attendance Planning Guide:** The course content is updated once a year and is offered each spring and fall at the Public Health Institute. Program management/support staff participants who commission/fund service needs and gap analyses projects are encouraged to attend a refresher course at least once every 2 academic years, either in the fall or the following spring. Research partners/contractors who conduct the actual service needs and gap analyses are encouraged to attend a refresher course in order to exchange approaches and receive feedback at least once every academic year, either in the fall or the following spring.

## Course/Workshop Descriptions

Course titles marked with asterisks (\*\*) are offered as a continuing series with updates of practice guidelines, project progress and public health recommendations, and new perspectives at each Public Health Institute (PHI). To remain up-to-date, the target audience is strongly encouraged to attend the course whenever it's offered at the PHI in order to exchange approaches, receive feedback and updates as most course content consists of updates and past content may not be repeated at the next PHI.

**Course #:** 16-25

**Thursday 5/25/06: 8:30 AM - 4:30 PM (All day session with breaks): \*\*Principles of Epidemiology: Methods for Estimation, Assessment and Addressing Unmet Needs for HIV Care & Prevention**

**Instructor:** Dr. Benjamin Muthambi, [DrPH, MPH]

### Learning Objectives:

After completing this course/workshop, the learner/participant should be able to:

1. Describe basic principles underlying epidemiologic methods for assessment of unmet needs for primary medical care as used in support of management of intervention programs;
2. Identify basic Epidemiologic concepts and principles in the design, conduct and outcome evaluation of response plans & intervention programs to address unmet needs for primary medical care;
3. Describe and utilize applied HIV epidemiology collaboration mechanisms for assessing and addressing unmet needs at the agency level through commissioned & mentored in-service learning projects;

### Course/Workshop Description:

The course is offered in 3 modules as follows:

**-Module 1:** Update on Epidemiologic Studies for Estimation of Unmet Needs for HIV-related Primary Medical Care: (8:30 – 10:55 AM);

**-Module 2:** Introduction to Applied Epidemiology Methods: Design, Conduct and Outcome Evaluation of Response Plans & Intervention Programs (to address unmet needs): (11:05 AM – 12:30 PM; 1:30 – 3:15 PM);

**-Module 3:** Introduction to Applied HIV Epidemiology Collaboration Mechanisms for Assessing & Addressing Unmet Needs at the Agency Level through Commissioned & Mentored In-Service Learning Projects (3:30 – 4:30 PM);

**Target Audience:** a) Epidemiology & support staff for program planning, development, implementation, evaluation; b) Public Health program planners, managers, case managers and clinical service delivery partners of the Pennsylvania Department of Health;

**General Attendance Planning Guide:** The course content is offered as a continuing series with updates of practice guidelines, project progress and public health recommendations, and new perspectives at each Public Health Institute. To remain up-to-date, the target audience is strongly encouraged to attend the course whenever it's offered at the Public Health Institute (PHI) as most course content consists of updates and past content may not be repeated at the next PHI.

## Course/Workshop Descriptions

Course titles marked with asterisks (\*\*) are offered as a continuing series with updates of practice guidelines, project progress and public health recommendations, and new perspectives at each Public Health Institute (PHI). To remain up-to-date, the target audience is strongly encouraged to attend the course whenever it's offered at the PHI in order to exchange approaches, receive feedback and updates as most course content consists of updates and past content may not be repeated at the next PHI.

**Course #:** 16-08

**Friday 5/26/06: 8:30 AM - 12:30 PM (Morning session): Ethical Implications of Study Design in Epidemiologic or other Public Health Agency Studies: A primer on pre-IRB and IRB review considerations.**

**Instructor:** Dr. Benjamin Muthambi, [DrPH, MPH]

### Learning Objectives:

After completing this course/workshop, the learner/participant should be able to:

1. Describe the rationale for ethical reviews of public health research studies, and other types of studies that are typically subject to IRB review;
2. Review and describe the ethical implications of various Epidemiologic study designs and other commonly used public health agency studies;
3. Utilize a guided form for pre-IRB self-review (before IRB submission) AND for IRB Reviewers;

### Course/Workshop Description:

The past decade has seen heightened federal demand for evidence-based program planning and public health interventions to combat HIV and other public health threats. Correspondingly, requirements for IRB review of research studies conducted by, in collaboration with or funded by public health agencies have been put in place. This course introduces participants to the ethical implications of commonly used study designs in Epidemiologic research, surveillance-related and other Public Health agency studies. This course is to be offered in 3 modules as follows:

**-Module 1:** The Why and What of an Institutional Review Board (IRB): why we do ethical reviews of public health research studies, and types of projects/studies that are typically subject to IRB review; (8:30 – 9:30 AM);

**-Module 2:** Introduction to ethical implications of Epidemiologic study designs and other commonly used public health agency studies; (9:40 AM – 12:00 PM);

**-Module 3:** A guided form for pre-IRB self-review (before IRB submission) AND for IRB Reviewers; (12:00 PM – 12:30 PM);

**Target Audience:** a) Public health agency staff and their external collaborating partners (incl. contractors) who may commission or conduct public health/Epidemiologic studies, surveys and/or expanded surveillance-related studies on HIV or other public health threats;

b) HIV Epidemiology, other Public Health Epidemiology, & public health program support staff for program planning, development, implementation, evaluation; and

c) Those who conduct IRB review of such studies;

**General Attendance Planning Guide:** The course content is updated once a year and is offered each spring and fall at the Public Health Institute. *Program Management/support staff* participants who commission/fund intervention/service-related studies and their *research partners/contractors* who conduct the actual intervention/service-related studies are encouraged to attend a refresher course to receive updates and feedback at least once every academic year, either in the fall or the following spring.

## **Faculty/Instructor Biographies**

(In alphabetical order)



### **Tonya Crook, MD, MS**

*Assistant Professor,*

Division of Infectious Diseases

Department of Medicine

Penn State College of Medicine/Penn State Hershey Medical Center  
Hershey, PA

Dr Tonya Crook is a board-certified Infectious Diseases specialist with over 15 years experience as a medical doctor including international clinical experience working in the UK, South Africa and the US. Dr Crook specializes in the care of HIV patients in the Penn State Ryan White title III funded HIV Comprehensive Care clinic in Hershey and satellite sites. Dr. Crook is a member of Faculty in the Infectious Diseases Division, Department of Medicine at Penn State College of Medicine as an *Assistant Professor*. In this capacity, she participates in teaching problem-based courses to medical students and is a clinical instructor and preceptor of medical students, residents and infectious disease fellows' clinical rotations and research projects.

Dr Crook received her medical degree from the Royal Free School of Medicine, University of London. She obtained the Diploma in Tropical Medicine (DTMH) from the London School of Hygiene and an MS in Health Evaluation Sciences at the Penn State College of Medicine. Dr. Crook completed her Internal Medicine Residency at Pinnacle Health, Harrisburg, and Infectious Diseases Fellowship at Penn State Milton S. Hershey Medical Center.

Dr Crook is a member of the Infectious Diseases Society of America and American Society of Tropical Medicine, and also a member of the Royal College of Physicians (MRCP) in the UK. Dr. Crook is a member of the Pennsylvania HIV Prevention Community Planning Group (HIV Epidemiology subcommittee), a CDC-mandated statewide HIV prevention and advisory committee.

## **Faculty/Instructor Biographies**

(In alphabetical order)



### **Doyin Desalu, MS, MPH, DrPH**

*Executive Director,*

Southwestern Pennsylvania AIDS Planning Coalition (SWPAPC)  
Pittsburgh, PA

Dr. Doyin Desalu has nearly 25 years of public health program planning, development, implementation, monitoring and evaluation experience. Dr. Desalu is the Executive Director of the Southwestern Pennsylvania AIDS Planning Coalition (SWPAPC) Pittsburgh, Pennsylvania, which collaborates with the PA Department of Health on a major regional program in HIV prevention and care support services. She has worked in program areas such as maternal child health, childhood communicable diseases, family planning and population activities and HIV/AIDS. Prior to that, she conducted biochemical laboratory research, and also taught undergraduate and high school Biology classes.

Dr. Desalu received her MS in Biology, MPH and DrPH in Epidemiology from the University of Pittsburgh, Pennsylvania. In addition she has also received the following non-degree certifications and awards from other universities/governmental agencies: Certified Instructor for the Fundamentals of HIV Test Counselors Course (Centers for Disease Control and Prevention - CDC); Certified HIV Test Counselors (Pennsylvania Department of Health); Certified OraQuick Rapid HIV Test Counselor (CDC); Certificate in Comprehensive Health Planning (Johns Hopkins University); and Intensive Training Program for Managers and Administrators of Health and Family Planning Projects (San Diego State University).

Dr. Desalu is a member of the Global Health Council and the American Public Health Association.

## **Faculty/Instructor Biographies**

(In alphabetical order)



### **Steve Godin, PhD, MPH**

*Professor,*  
Department of Health  
East Stroudsburg University  
East Stroudsburg, PA

For over 20 years, Dr. Steve Godin has been involved in a variety of prevention-oriented applied research activities in the areas of: 1) prevention of HIV infection and transmission; 2) cancer prevention; and 3) modifying health behaviors/disease management; and 4) Internet-based health interventions. He has conducted a number of geo-mapping studies in HIV & AIDS and cancer prevention. Dr. Godin has been teaching at East Stroudsburg University (ESU) since 1991 where he is a Full Professor, and Coordinator of the Undergraduate Program in Community Health Education. Within the CEPH Accredited MPH Program at ESU, Dr. Godin teaches: Computer Applications in Health Education; Program Evaluation Research; Introduction to Research; Public Health Measurement Science; and Modifying Health Behaviors. In addition, Dr. Godin is a Clinical Professor of Psychology for the Philadelphia College of Osteopathic Medicine teaching research design, applied univariate & multivariate statistics, and dissertation research seminar courses for doctoral students in the APA Approved Clinical Psychology-Psy.D. Program.

Dr. Godin received his MS in Community Psychology and his Ph.D. in Clinical Psychology from the Illinois Institute of Technology, Chicago, IL. Dr. Godin completed a post-doctorate MPH from Rutgers University. Dr. Godin is the author/co-author of over 40 publications and technical/research reports and has made over 100 professional presentations at international, national, regional and state conferences. His edited book entitled "Technology Applications in Prevention" will be published by Haworth Press in 2005. He has also given many local public presentations including a number of appearances on radio and television.

Dr. Godin is a member of the American Psychological Association and the American Public Health Association.

## **Faculty/Instructor Biographies**

(In alphabetical order)



### **Benjamin Muthambi, DrPH, MPH**

*Program Director, Applied HIV Epidemiology Track*  
Public Health Institute  
Pennsylvania Department of Health  
Harrisburg, PA

Dr. Muthambi is the founding *Program Director* of the *Applied HIV Epidemiology Track* at the PA Public Health Institute, sponsored by the Pennsylvania (PA) Department of Health (DOH). He is also the Principal Investigator and state HIV Epidemiologist responsible for statewide HIV/AIDS Epidemiology support projects *for Disease Control & Prevention* at the PA DOH. In this capacity, Dr. Muthambi conducts applied HIV Epidemiology studies in support of HIV public health intervention program planning, development, implementation, outcome evaluation, including providing training in utilization of Epidemiologic methods and data in this applied public health context. Dr. Muthambi has also served as the principal Epidemiologist and Co-Principal Investigator responsible for the study design of Pennsylvania's statewide CDC-sponsored HIV case surveillance, incidence and viral resistance surveillance studies (award period 2004-2006). For 5 years (1998-2003), he was the Project Director/Principal Investigator of CDC-sponsored HIV/AIDS Surveillance & Epidemiology projects, and lead state HIV Epidemiologist at the PA DOH. Dr. Muthambi is a member of the PA DOH's Institutional Review Board (IRB) and his primary interest is on study designs and their ethical implications. Dr. Muthambi is Managing Director and a founding member of the *Scientific Counsel* of the Institute of HIV/AIDS Surveillance & Epidemiology (iHASE), an affiliate of the Institutes of Epidemiology & Public Health, Inc.

Dr. Muthambi holds master's and doctoral degrees in Epidemiology (including post-masters' Biostatistics training) from the Columbia University School of Public Health (SPH). In addition to an NIH-sponsored 2-year fellowship in the specialty of HIV Epidemiology, he has over 10 years applied experience in HIV Epidemiology [study design and implementation coordination, data management and analysis, and providing Epidemiology support to HIV prevention and care planning both at the NYC DOH (3 years) and PA DOH (8 years)]. He is an acknowledged contributor to national CDC guidelines for Integrated HIV Epidemiologic Profiles, a peer-reviewer of federally-funded HIV intervention programs and peer-reviewed Epidemiology journal publications, and has authored and presented surveillance and Epidemiology papers at peer-reviewed Scientific Conferences. In various assistantships and visiting faculty capacities, Dr. Muthambi has participated in teaching graduate-level topics in advanced Epidemiology Methods courses, Comparative Health Policy at the Columbia University SPH and at the National SPH at the Medical University of Southern Africa. In addition, he has preceptored Master's, Doctoral theses/dissertations, and Medical Student, Residents, and Fellows' HIV Epidemiology research projects at institutions such as the Penn State College of Medicine and the University of Pittsburgh School of Public Health.

Dr. Muthambi is a member of the Council of State & Territorial Epidemiologists and the American Public Health Association.

**Spring 2006 Public Health Institute**  
**Applied HIV Epidemiology Track Registration Form**  
 Information is available at [www.health.state.pa.us/phievent](http://www.health.state.pa.us/phievent)

OR



Fax or Mail completed registration to:  
**Benjamin R.H. Muthambi, DrPH, MPH**  
*Program Director,*  
*Applied HIV Epidemiology Training Track*  
 Public Health Institute - PA Dept. of Health  
 Rm 933, Health & Welfare Bldg  
 Cnr. Foster & 7<sup>th</sup> Streets  
 Harrisburg, PA 17120  
 Fax: 717-772-6975

**Registration Deadline:**  
**May 15, 2006**  
 After this date, registration will be on an "as available" basis

First Name \_\_\_\_\_ MI \_\_\_\_\_ Last Name \_\_\_\_\_

Organization \_\_\_\_\_

Organization Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Daytime Phone (\_\_\_\_\_) \_\_\_\_\_ Fax (\_\_\_\_\_) \_\_\_\_\_

E-mail Address \_\_\_\_\_

Please indicate any special accommodations, such as disability, dietary, hearing-impaired, etc.

**There is no registration fee for the institute.**

Date	Course #	Course Time & Title	Course Selection (place "X" in selected box)	
			YES	NO
<b>Monday</b> 5/22/06	16-01	1:30 – 4:30 PM (Afternoon session): Introduction to HIV Epidemiology, Basic Science, and Guidelines for Primary Medical Care & Public Health Practice.		
<b>Tuesday</b> 5/23/06	16-08	8:30 AM - 4:30 PM (All day session with breaks): **Linkage of Epidemiologic HIV Case Surveillance/Persons Living with HIV to Prevention/ Care Interventions (Addressing Unmet Needs)		
<b>Wednesday</b> 5/24/06	16-16	8:30 – 4:30 PM (All day session with breaks): Introduction to Geo-Spatial Mapping in HIV Service Needs & Gap Analyses (in Unmet Needs Studies)		
<b>Thursday</b> 5/25/06	16-25	8:30 AM - 4:30 PM (All day session with breaks): **Principles of Epidemiology: Methods for Estimation, Assessment and Addressing Unmet Needs for HIV Care & Prevention		
<b>Friday</b> 5/26/06	16-34	8:30 AM - 12:30 PM (Morning session): Ethical Implications of Study Design in Epidemiologic or other Public Health Agency Studies: A primer on pre-IRB and IRB review considerations.		

## Spring 2006 Public Health Institute Scholarship Application Form

You must include a completed Spring 2006 PHI Registration Form, located on the previous page, to be considered for a scholarship.

Name \_\_\_\_\_

Organization \_\_\_\_\_

Organization Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Daytime Phone (\_\_\_\_\_) \_\_\_\_\_ Fax (\_\_\_\_\_) \_\_\_\_\_

E-mail Address \_\_\_\_\_

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**1.  I am applying for a lodging and meals scholarship. To be eligible, you must work outside a 50-mile radius of the Institute site and NOT be employed by the Pennsylvania Department of Health.**

**2. Check all that apply.**

- Employed less than 12 months in the field of public health
- In public health position less than 12 months
- I am a full time employee at \_\_\_\_\_ located in \_\_\_\_\_
- I am a part-time employee at \_\_\_\_\_ located in \_\_\_\_\_
- I am a student at: \_\_\_\_\_
- I work more than 50 miles from the site of the conference.
- I have received a Public Health Institute scholarship from the Department of Health in the past.

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**3. Please indicate how receiving a scholarship will be beneficial to your employment and the field of public health. (*Attach more paper if necessary.*)**

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**4. I have read and I understand the terms of the scholarship.**

\_\_\_\_\_  
Signature of Applicant/Date

\_\_\_\_\_  
Signature of Supervisor/Faculty Advisor

\_\_\_\_\_  
Print Name of Applicant

\_\_\_\_\_  
Print Name of Supervisor/Faculty Advisor

\_\_\_\_\_  
Print Name of Agency

\_\_\_\_\_  
Print Title of Supervisor/Faculty Advisor

## General Public Health Institute Policies and Information

### REGISTRATION

Registration is required, and is available online by visiting the Department's website, [www.health.state.pa.us/phievent](http://www.health.state.pa.us/phievent). Registration received after May 15, 2006 is on an "as available" basis. IF YOU DO NOT ACCESS THE ONLINE REGISTRATION FEATURE, please print clearly or type your information on the Registration Form in this brochure and submit to the address listed on the form. You may register for the entire conference or any combination of days.

THERE IS NO REGISTRATION FEE FOR THE INSTITUTE. Lunch is provided for all participants who are commuting to and from the event.

Registrants should call if it becomes necessary to cancel attendance at the conference. As all courses have a capacity, this helps us determine course availability for late registrations.

The Department welcomes you to the Public Health Institute each day. Speakers will provide motivational ideas for our audience during lunch, Monday through Thursday. It is not necessary to register for the speaker lunch sessions.

**Contact Dr. Benjamin Muthambi for more information on the Applied HIV Epidemiology Track by Fax: (717) 772-6975 or E-Mail at [BMuthambi@state.pa.us](mailto:BMuthambi@state.pa.us)**

### SPECIAL NEEDS INFORMATION

If you are a person with a disability, and require an auxiliary aid, service or other accommodation to participate, please contact Joanne Roth, Public Health Educator, at (717) 787-8092. If necessary, you may reach Ms. Roth through TTY: 717-783-6514 or the PA AT&T Relay Service for persons with speech/hearing impairments at 1-800-654-5984. Please include the needed accommodation on your Registration Form under the section titled Special Accommodations.

### SCHOLARSHIPS

Registrants who are not Department of Health employees and work outside a 50-mile radius of the Institute may apply for a scholarship. Scholarships are for lodging and meal expenses. THERE IS NO REGISTRATION FEE FOR THE INSTITUTE.

Complete and submit both the Scholarship Application and the Registration Form to Dr. Muthambi via fax or email (see contact information below) if you are only registering for the Applied HIV Epi Track.

You will be notified of your scholarship award request after May 1, 2006.

Individuals who are awarded a scholarship and do not attend will not be eligible for scholarship consideration for a year from the award.

Contact for more information: Dr. Benjamin Muthambi, by Fax (717) 772-6975 or [BMuthambi@state.pa.us](mailto:BMuthambi@state.pa.us)

## **LATE ARRIVAL POLICY**

After one hour of the onset of classes, PHI committee staff reserves the right to fill spaces in all classes. In the event of late arrival of more than one hour, please check to see if you are still registered in your chosen class.

## **LODGING AND MEALS**

The Public Health Institute (PHI) will be held at the Penn Stater Conference Center Hotel in State College, PA. Participants are responsible for making their own reservations/cancellations. Reservations can be made online at [www.pshs.psu.edu](http://www.pshs.psu.edu) or by calling the Penn Stater at 1-800-233-7505. Identify yourself as a **PA Department of Health PHI participant** when making your reservation. If you are a PA State employee, presentation of a tax-exempt certificate will exempt you from collection of the 6 percent state sales tax. If you do not have one, please come to the PHI desk, and we will provide you with a copy.

Lunch is included as part of your registration for those commuting to this event. If you are not a guest of the hotel and desire to purchase breakfast and dinner tickets, come to the PHI registration desk for more information.

## **CONTINUING PROFESSIONAL EDUCATION CREDITS**

PHI committee staff is applying for Generally Recognized Continuing Education credits through Cabrini College. Participants will receive Continuing Education Units (CEUs) from Cabrini College that follow the standards set for awarding CEUs at this continuing professional education program. Cabrini College abides by the Guidelines for Continuing Education Unit Criteria to ensure quality education for the professionals attending this Institute. Please register for these credits when you arrive at the event. You may call Nate Altland, Public Health Educator, PA Department of Health, Office of Public Health Preparedness, at (717) 346-0640, for more information.

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***Save the date!***  
***Fall 2006 PPHA-PHI Joint Conference***  
***September 20-22, 2006***  
***Harrisburg, PA***

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## Directions to the Penn Stater Conference Center Hotel

For more information about Penn State Hospitality Services, or to find out more about The Penn Stater, please call toll-free at **(800) 233-7505** or go to [www.pshs.psu.edu/pennstater/pshome.asp](http://www.pshs.psu.edu/pennstater/pshome.asp)

### ***From New York City (225+ miles) and the East:***

I-80 West in PA to Exit 161 (Bellefonte), Follow PA 26 South to US 220 South. Take exit 74 for Penn State University/Innovation Park. For The Penn Stater Conference Center Hotel: Stay in the right lane of the exit and follow the sign for Innovation Park. At the stop sign at the end of the ramp, turn right. At the top of the hill the road turns to the left and becomes Innovation Boulevard; the hotel will be on the right.

### ***From Philadelphia (nearly 200 miles):***

PA Turnpike West to Exit 19, Harrisburg East and follow signs for the next 15 miles to Route 322 West. Take 322 West, past Lewistown, to State College and take the Penn State University/ Innovation Park Exit. For The Penn Stater Conference Center Hotel from the above exit, turn left at the stop light and follow signs for Innovation Park Exit A directly to the Hotel in Innovation Park.

### ***From Harrisburg (80+ miles):***

Take 322 West, past Lewistown, to State College and take the Penn State University/ Innovation Park Exit. For The Penn Stater Conference Center Hotel from the above exit, turn left at the stop light and follow signs for Innovation Park Exit A directly to the Hotel in Innovation Park.

### ***From Pittsburgh (125+ miles):***

Route 22 East to Duncansville. Then take Route 220/I-99 North bypassing downtown Altoona and Tyrone. After Port Matilda, take Route 322 East to State College. For The Penn Stater Conference Center Hotel, take the 322 East/US 220 North bypass to the Penn State University/ Innovation Park Exit. Turn left at the stop light and follow signs for Innovation Park Exit A directly to the Hotel in Innovation Park.

### ***From the West:***

I-80 East in PA to Exit 161 (Bellefonte), Follow PA 26 South to US 220 South. Take exit 74 for Penn State University/Innovation Park. For The Penn Stater Conference Center Hotel: Stay in the right lane of the exit and follow the sign for Innovation Park. At the stop sign at the end of the ramp, turn right. At the top of the hill the road turns to the left and becomes Innovation Boulevard; the hotel will be on the right. \*There is an alternate way from I-80 East following 322 East into State College.

### ***From Washington, DC (nearly 200 miles):***

Take Route 270 to Frederick, MD; follow signs for Route 15 North; stay on 15 North through Camp Hill and Marysville, PA; from 15 N take the exit for Route 322 West to State College/Lewistown and follow 322 West to the Penn State University/ Innovation Park Exit. For The Penn Stater Conference Center Hotel from the Penn State University/Innovation Park Exit, turn left at the stop light and follow signs for Innovation Park Exit A directly to the Hotel in Innovation Park.

# **SAVE THE DATE!**

***Fall 2006 Pennsylvania Public Health  
Association/Public Health Institute  
Joint Conference  
September 20-22, 2006  
Harrisburg, PA***

***Details coming soon....***

**[www.health.state.pa.us/phievent](http://www.health.state.pa.us/phievent)**

**and**

**[www.ppha.org](http://www.ppha.org)**