

*THE UAB SPARKMAN CENTER FOR GLOBAL HEALTH*  
10th ANNUAL  
INTERNATIONAL PUBLIC HEALTH  
SUMMER INSTITUTE  
*Addressing Leadership Challenges in Global Health*

JULY 5-30, 2010



**UAB** SPARKMAN CENTER  
FOR GLOBAL HEALTH

## 2010 PROGRAM COSTS

Program Option	3 weeks	4 weeks
Program Fee*	\$3,500	\$4,500
Estimated Travel <sup>†</sup>	\$2,500	\$2,500
Includes visa application fees, overseas airline fare, and ground transportation from airport to the housing accommodation.		
Estimated Housing	\$1,050	\$1,250
A block of rooms has been reserved; participants are urged to use this recommended accommodation due to difficulty in finding short-term housing. <sup>‡</sup>		
Estimated Food & Incidentals	\$1,250	\$1,500
Health Insurance <sup>a</sup>	\$200	\$250
<b>Total \$USD</b>	<b>\$8,500</b>	<b>\$10,000</b>



Expenses and fees are estimated on a *per person* basis in US dollars.

\*Program Fee includes: Course fees (including material/computer fees), and Cultural Enrichment Activities.

<sup>†</sup>May vary based on flight origination location and date.

<sup>‡</sup>Cost estimate based on double occupancy (limited availability); Single occupancy rate is US \$2,200.

A deposit of **US \$250.00** must accompany your application. Payment, in the form of international money order or cashier's check, should be made out to The UAB Sparkman Center for Global Health. Deposits are non-refundable. The remaining course tuition in the amount of US \$ 3,250 (3 week course) or \$4,250 (4 week course) is due 45 days prior to the course.

*"The course was great. There was so much to learn. It was a wonderful experience. After seeing Birmingham, I wonder how so much of greenery, beauty, hospitality, courtesy and knowledge could gather at one place!!!"*

**--Dr. Asif Mirza, Executive Consultant, "BRIDGE", Pakistan**



The ***International Public Health Summer Institute*** at the University of Alabama at Birmingham (UAB) offers an intensive training opportunity designed for upgrading the skills of health professionals around the world. The 2010 program has emphasizes practical, skill-based learning in the following areas:

- ***Public Health Leadership and Management***
- ***Program Monitoring and Evaluation***
- ***Applied Epidemiology for Health Professionals***
- ***Hot Topics in Global Health***
- ***Scientific Writing Workshop***
- ***Epi Info Data Analysis Workshop***
- ***Global Health Case Challenge Seminar***

The 3-week intensive course will consist of didactic lectures, interactive exercises, and hands-on applications for public health professionals who wish to enhance their ability to provide public health leadership in resource-constrained settings. An optional 4<sup>th</sup> week allows participants to engage in one of four options: (1) an intensive scientific writing seminar designed to enhance proficiency in writing for English language, peer-reviewed scientific journals; (2) an interactive case challenge series designed to identify a "real-world" global health challenge and seek solutions as a group; (3) a week of basic epidemiologic data analysis using Epi Info software applications; or (4) an opportunity to work individually with UAB faculty on a mutually-agreed-upon project.

The UAB Summer Institute brings together over 15 distinguished faculty from UAB and elsewhere to share their expertise and experience as leaders in public health research and practice. There is also a rich diversity among Institute participants, whose expertise and experience create a unique opportunity for enrichment and knowledge.

*For public health practitioners, academicians and students from around the world who are:*

- Seeking solutions to challenges facing public health today
- Seeking to expand their public health, leadership and program evaluation skill sets
- Seeking to engage in discussions on the latest data in global health challenges



***NOTE:*** The UAB Sparkman Center especially welcomes persons from underrepresented ethnic or racial minority populations, women, persons with disabilities, or persons whose training needs are especially acute, as in the case of persons working in areas with high TB and/or HIV/STD rates.

## COURSE MODULES

### 3-WEEK INTENSIVE COURSE

#### **Principles of Public Health Leadership and Management**

This module provides public health leaders working in resource constrained settings an introduction to managerial principles and approaches required under privatization and decentralization of health care systems.

#### **Principles of Public Health Research**

This module reviews basic epidemiologic research methods. The topics presented will include descriptive epidemiology, measures of disease occurrence, overview of epidemiologic study designs, measures of effect, analysis of disease outbreak and disease surveillance. Practical laboratory exercises in the use of EpiInfo will be conducted to familiarize participants with the software.

#### **Program Monitoring and Evaluation**

This module is designed to provide course participants with an understanding of the process and application of program monitoring and evaluation (M&E). After attending the module, participants should be able to discuss the meaning and importance of monitoring and evaluation, identify steps involved in planning and organizing an M&E component in a public health program, and provide critical analysis of monitoring and evaluation within public health programs.

#### **Hot Topics in Global Health**

This module is designed to address current "hot topic" areas in HIV prevention, treatment and clinical management; current strategies regarding TB drug and treatment programs; emerging and re-emerging infections of public health importance, including malaria, resistant bacterial pathogens; and health-related implications of climate change.

#### **Southern Institute for Appropriate Technology Visit**

Participants will spend a day visiting the Southern Institute for Appropriate Technology in Lineville, Alabama. This unique non-profit organization trains leaders in practical self-help skills and community development principles to meet basic human needs around the world.

#### **Additional Learning Tools**

In addition to the didactic sessions, case studies and classroom group activities, the course includes visits to various clinics, county health and state health department facilities, individualized meetings and mentoring by the Summer Institute faculty, and also offers CD-ROMs and manuals to facilitate training once the scholars return to their home countries.

## ACADEMIC CREDIT

All students & scholars who successfully complete the course requirements receive certificate documentation. The Summer Institute coursework is offered during the UAB **Summer B Session** for 6 hours of academic credit (EPI 650) for persons registered as UAB graduate students. Summer Scholars who do not need to receive credit should apply through the Sparkman Center.

## COURSE MODULES cont'd.

### 4TH WEEK OPTIONS

#### **Scientific Writing Workshop**

This module is designed for participants to work directly with the professionals from UAB's English Language & Culture Institute to gain familiarity with structure and content of scientific papers, receive detailed analysis of your own writing (grammar, punctuation, and syntax) and learn ways to self-edit your own writing. This class is especially recommended for persons with a current manuscript in progress.

#### **Epi-Info Analysis Workshop**

This workshop is designed for participants who would like extended exposure to basic data analysis using Epi-Info and related statistical software packages. Practical exercises include: using statistical programs, data entry, data editing, analyses of data sets encompassing major study designs, and interpretation of results

#### **Global Health Case Challenge Seminar**

Participants will be given a challenging public health issue and be asked to apply their skills to address this challenge as a group and present to others. This option is meant to foster exchange of experience, ideas, and discussion of evidence-based "best practices" amongst public health leaders and professionals.

#### **Individual Collaborations**

Participants may choose to work individually with UAB collaborators this week, based on a previously agreed-upon work plan.

## FACULTY & CONTRIBUTORS

The UAB Summer Institute brings together over 30 distinguished faculty from UAB and elsewhere to share their expertise and experience as leaders in public health research and practice. There is also a rich diversity among Institute participants, whose expertise and experience create a unique opportunity for enrichment and knowledge.

#### **COURSE DIRECTOR**

**Craig Wilson, MD**

Sparkman Center for Global Health

**Email:** cwilson@uab.edu



**For questions or application inquiries,  
please contact:**

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## SCHOLARS & SPONSORS

Since 2000, over 285 health professionals from 25 countries around the globe have participated in the program. Participants have included leaders from local and national governments, non-governmental organizations, academia, frontline public health professionals, and future public health leaders.

Organizations that have sponsored past scholars include: U.S. Centers for Disease Control and Prevention (CDC), Emory University AIDS International Training and Research Program, State University of New York Downstate AIDS International Training and Research Program, Vanderbilt University School of Medicine, UAB Gorgas Tuberculosis Initiative, The UAB Sparkman Center for Global Health, UAB International Research Training Programs, University of Nebraska at Lincoln Center for Virology, U.S. Agency of International Development, The World Health Organization, and Yale University Center for Interdisciplinary Research on AIDS.

## HOUSING, TRANSPORTATION, AND CULTURAL ENRICHMENT ACTIVITIES



We have arranged housing with a UAB dormitory at a very reasonable rate, and we highly recommend using this option.

The dorm is conveniently located on the UAB campus,

just behind the School of Public Health building, which allows participants access 24-hours a day, including computing facilities. There are plenty of restaurants within walking distance of the dormitory for dining out. We will arrange to pick you up at the Birmingham airport upon your arrival. To provide breaks from the intensive academic focus of the program, we organize social events and cultural enrichment activities such as trips to local attractions, picnics, and gatherings in collaboration with local organizations. A detailed orientation packet is provided before your arrival to make your trip to Birmingham and participation in the course as pleasant as possible.

## CANCELLATION POLICY

If you are unable to attend the program and notify us in writing at least 30 days prior to the course, 50% of tuition will be refunded. There will be no refunds given for cancellations received less than 30 days prior to the course. The Sparkman Center reserves the right to cancel or reschedule this course due to unforeseen circumstances.

## APPLICATION DEADLINE



*"The Summer Institute was a very well-organized training course on HIV and TB prevention. I not only learned advanced knowledge from the US professionals but also had opportunity to share experiences with participants from countries with similar limited Resource backgrounds."*

- Dr. Xiao Yan, Scientist, China Centers for Disease Control and Prevention

## ABOUT US

Established in 1979, the primary mission of the **UAB Sparkman Center** is to contribute to solutions of health problems in developing countries by implementing comprehensive, graduate level training and educational public health programs that are organized collaboratively with academic institutions, international agencies, and health ministries within host countries. The Sparkman Center collaborates with academic institutions, governmental and non-governmental agencies in developing countries, as well as with other international organizations and institutions in a variety of public health manpower development activities. Additionally, the Center works to enhance the capacity of UAB community to engage in global health.

**The University of Alabama at Birmingham (UAB)** is one of America's premier medical research institutions occupying more than 80 square blocks in the city of Birmingham. The University is comprised of 9 academic schools, including the School of Public Health, with an enrollment of over 18,000 students in 139 degree and certificate awarding programs. With over 18,000 faculty and staff, the University is the largest employer in the city. Extramural funding, in the form of Grants and Contracts, exceeds \$400 million dollars annually and ranks in the top 25 nationally in funding from the National Institutes of Health.

## ABOUT BIRMINGHAM—"THE MAGIC CITY"

"Birmingham, Alabama is classic southern charm and hospitality. This vibrant, beautiful city is nestled in the rolling foothills of the Appalachian Mountains and serves up nationally recognized dining, shopping and entertainment, world-class attractions, events and other things to see and do." -**Greater Birmingham Convention & Visitors Bureau**

When you are not in class, there are plenty of interesting activities to keep you occupied while you are here in Birmingham. We hope that you take some time to enjoy our city during your stay. A few places you shouldn't miss:

- The Birmingham Civil Rights Institute
- The Birmingham Museum of Art
- The McWane Science Center
- Vulcan Park and Museum
- Local Shopping Centers



UAB School of Public Health  
Ryals Building



Vulcan Statue