

## If you cannot come to Atlanta, try our Customized Courses

In recent years, representatives from national and international agencies and Ministries of Health have participated in our courses in epidemiology. A number of these groups have asked us to develop and offer a similar course customized to a select group of individuals either in Atlanta, elsewhere in the United States, or internationally. We recognize that many health professionals would benefit from participating in such courses as given in Atlanta, but cannot travel to Atlanta to participate. Consequently, we have developed customized courses, spanning from one to five weeks in duration, for study in applied epidemiology, biostatistics, public health surveillance, infectious diseases, public health preparedness, EPI Info™ computer training, and even focus on certain diseases or activities.

While courses follow the format of Atlanta courses, they are thus customized for the specific educational needs of respective groups and implement objectives required by the sponsoring institution. The sponsoring institution pays for the expenses.

Furthermore, the faculty leading the customized courses consists of some of the same personnel that participate in the regularly scheduled courses in Atlanta. The courses offered in other countries utilize our faculty in direct collaboration with personnel from the hosting institution.



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*Executive Director/Professor*

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Atlanta, Georgia 30322  
USA



## 2009 Applied Epidemiology, Public Health Surveillance, and Epi Info Courses

*For Public Health Professionals*

### History of customized courses:

- **Polio & Measles Eradication for Chinese Medical Experts.**
- **Epi and HIV/AIDS Course for Japanese Medical Experts**
- **Newly Independent States Epidemiology and Biostatistics**
- **Epidemiology and Biostatistics Course in Cairo, Egypt**
- **Epi and Health Management for Indian Physicians**
- **'Epidemiology in Action' courses held in:**  
Ho Chi Minh City, Vietnam; Hanoi, Vietnam; Malaysia (2x); Phnom Penh, Cambodia; Augusta, ME; Salt Lake City, UT (2x); Boston, MA (2x); Burlington, VT; Nashville, TN; Bismarck, ND; Indianapolis, IN; Wauwatosa, WI; Harrisburg, PA; Denver, CO; Milwaukee, WI; Hong Kong, China; Charleston, WV; Clearwater, FL; Jackson, MS and Tallahassee, FL.
- **Epi Info (windows version) courses (3-4 days) held in:**  
Mexico City, Mexico; Jefferson, MO; San Antonio, TX; Little Rock, AR; Denver, CO; Durango, CO; Hartford, CT; Omaha, NB; Cheyenne, WY (2x); Chicago, IL; Phoenix, AZ; Honolulu, Hawaii; Hong Kong, China; and Anchorage, AK.

For general information on course content, on  
how to apply or  
for applications, contact:

**Pia Valeriano, MBA**  
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[www.sph.emory.edu/EPICOURSES](http://www.sph.emory.edu/EPICOURSES)

Cosponsored by:

The Rollins School of Public Health of Emory University,  
Hubert Department of Global Health, and  
The Centers for Disease Control and Prevention,  
Office of the Workforce and Career Development

## 2009 Courses



### Epidemiology in Action

April 27 - May 8, 2009

### Public Health Surveillance

June 1 - 5, 2009

### International Course in Applied Epidemiology

September 21 - October 16, 2009

### Successful Scientific Writing and Effective Oral Communication

May 18 - 22, 2009

**New Course!**

### Epidemiology in Action: Advanced Analytic Methods

March 10 -12, 2009

### Developing Public Health Software Applications using Epi Info

Basic Level: March 9 - 11, 2009

Intermediate to Advanced Level:

March 12 - 14, 2009

### Epidemiology in Action

This basic course in epidemiology is directed at public health professionals and includes discussions of applied epidemiology and biostatistics, public health surveillance, field investigations, hands-on computer training using Epi Info, and selected prevalent diseases. Epidemiologic case studies are worked on in the classroom.

**Prerequisites:** Familiarity with the vocabulary and principles of basic epidemiology; participants are recommended to complete CDC's *Principles of Epidemiology* self-study course or equivalent.

**Cost:** Registration \$1000. \*

### Public Health Surveillance

The course includes the following public health surveillance topics: an overview and history, considerations in planning, sources and collection of data, analysis and interpretation of data, communication of data, technology of surveillance systems, evaluation of public health surveillance activities, ethical and legal issues, state and local issues, surveillance issues in developing countries, and future considerations.

**Prerequisites:** It is recommended that participants have completed an introductory epidemiology course, e.g. Emory University/CDC two-week course, "Epidemiology in Action" or four week "International Course in Applied Epidemiology". CDC offers a self-study course, "Principles of Epidemiology" which would provide the requisite background information. Participants should also have some practical experience in public health and professional responsibilities for surveillance activities.

**Cost:** Registration \$650\*

### International Course in Applied Epidemiology

This course is directed at public health professionals from countries other than the US. Content includes presentations and discussions of epidemiologic principles, basic statistical analysis, public health surveillance, field investigations, surveys and sampling, and discussions of the epidemiologic aspects of current major public health problems in international health. Included are small group discussions of epidemiologic case exercises based on field investigations. Participants are encouraged to give a short presentation reviewing epidemiologic data from their own country. Computer training using Epi-Info, software included.

**Prerequisites:** Familiarity with the vocabulary and principles of basic epidemiology, or completion of CDC's "Principles of Epidemiology" home-study course (SS1000) or equivalent. Preference given to applicants whose work involves priority public health problems in international health.

**Cost:** \$2400; \$200 deposit required. \*

### Successful Scientific Writing and Effective Oral Communication

The course takes an active, participatory approach to help public health and health care professionals learn how to communicate the findings of their research and investigations more effectively and expedite publication of their manuscripts. The course includes critiquing published and unpublished manuscripts, basic structure of a scientific article: the purpose, elements and organization of each section, style for writing, systematic approaches of writing and publishing, and conveying the principles and practice of dynamic and persuasive techniques for oral communication and scientific information, including presenting a 10-min scientific talk, preparing scientific posters, and how to deal with the media.

**Cost:** Registration Fee \$800\*

### Epidemiology in Action:

### Advanced Analytic Methods Course

The course covers methods for the analysis of Correlated/Longitudinal Data. Topics include: What is correlated data and why is it important; notation and data layout for analyzing correlated data; marginal, random effects, and conditional models for correlated data; analysis of linear models for correlated data using SAS's MIXED procedure; generalized linear models and quasi-likelihood estimation methods; analysis of non-linear models for correlated data using GEE methods provided by SAS's GENMOD, GLIMMIX, and NLMIXED procedures. Prerequisites include intermediate level courses in epidemiologic methods and regression modeling.

**Prerequisites:** It is recommended that participants have training and experience in intermediate epidemiology and intermediate biostatistics, and now would like training in advanced quantitative skills related to analysis and interpretation of epidemiologic data involving repeated measures on the outcome variable of interest.

**Cost:** Registration fee \$700\*

### Developing Public Health Software Applications using Epi Info

These are three-day sessions providing hands-on experience with the windows version of Epi Info, programming Epi Info software at the beginning to advance level; using Epi Info to develop public health data systems.

**Prerequisite: Basic Level: None; Intermediate to Advanced Level:** Participants must have intermediate skills in computing and have completed a basic epi info course or acquired an equivalent basic epi info skill through experience.

**Cost:** \$400\*

**\* Fee covers tuition, textbook, & course materials. Expenses for hotel, parking, and meals are not included. Enrollment is on a first come, first served basis. Seats are limited.**

