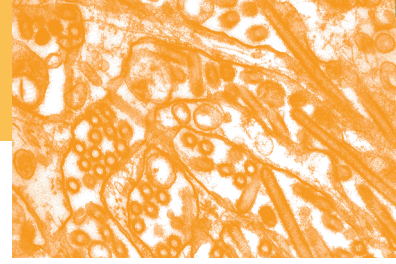


# THE EPI PROGRAM

## EPIDEMIOLOGIC PREPAREDNESS AND INFORMATICS



### UNIVERSITY OF CALIFORNIA, BERKELEY CENTER FOR INFECTIOUS DISEASE PREPAREDNESS

While disease control and prevention interventions are covered in the CIDER program, the Epidemiologic Preparedness and Informatics (EPI) program provided opportunities to educate and train public health staff at four levels:

1. Basic understanding of surveillance and detection, field investigations, and the epidemiologic basis of control and prevention strategies
2. In-depth understanding of basic concepts by practicing epidemiologists so that they can train others (train-the-trainer approach)
3. High proficiency in the design, conduct, analyze and interpret epidemiologic studies
4. High proficiency in the design, implementation and maintenance of information management systems for complex investigations.

The target audience for our courses is the public health workforce in local and state health departments.

The Center for Infectious Disease Preparedness (CIDP) provides opportunities for training through the following activities:

1. Regional Two-Day Conferences
2. Half-semester and full-semester courses
3. Core Infectious Disease Emergency Readiness Summer Intensive Program (CIDER SIP)

We offer the following courses:

1. Basic Field Epidemiology
2. Epidemiology and Control of Infectious Diseases
3. Modeling the Dynamics of Infectious Disease Processes
4. Applied Epidemiology with R
5. Relational Database Management Systems for Epidemiologists
6. Conducting Public Health Surveys
7. Disaster Epidemiology
8. Conducting Outbreak Investigations

In addition, we will widely disseminate the analytic and methodologic tools we develop via our web portal ([www.epitools.com](http://www.epitools.com)). Our longer term goals are to work closely with the CDC and health departments to effectively address the epidemiology training needs of the public health workforce using innovative approaches and methods.