



## FALL COURSES 2010

### Public Health Preparedness & Emergency Response PH 257B, Course Control Number: 76268 [3 units]

**Instructor:** Tomás Aragón, MD, DrPH

**Description:** This one semester course is an intensive introduction to public health emergency preparedness and response and covers the following topic areas: the role of public health in disasters, natural disasters and severe weather, intentional mass threats (CBRNE), detecting and monitoring public health threats, post-disaster sampling, surveys, rapid needs assessments, public health emergency incident management system, emergency operations planning and exercises, infectious disease emergency readiness, environmental health emergency readiness, mental health emergency readiness, special needs and vulnerable populations, essentials of public health leadership during a disaster, essentials of crisis risk communication, essentials of investigating outbreaks, disaster medicine and mass casualty care, and personal and community disaster preparedness.

**Date/Time:** August 31 – November 30, 2010; Tuesdays, 10am – 12pm

**Location:** 127 Dwinelle Hall, UC Berkeley Campus

### Applied Epidemiology Using R PH 251D, Course Control Number: 76244 [2 units]

**Instructor:** Tomás Aragón, MD, DrPH

**Description:** This is an intensive, one-semester introduction to the R programming language for applied epidemiology. R is a freely available, multi-platform (Mac OS, Linux, and Windows, etc.), versatile, and powerful program for statistical computing and graphics (<http://www.r-project.org>). This course will focus on core basics of organizing, managing, and manipulating epidemiologic data; basic epidemiologic applications; introduction to R programming; and basic R graphics.

**Date/Time:** August 30 – November 29, 2010; Mondays, 2pm – 4pm

**Location:** 127 Dwinelle Hall, UC Berkeley Campus

\* Lectures will be archived via webcast at <http://webcast.idready.org/>

For more information or to register: please call (510) 643-4939 or e-mail [idready@berkeley.edu](mailto:idready@berkeley.edu). You can also visit us online at [www.idready.org](http://www.idready.org).