

Training Course In Maternal and Child Health Epidemiology

Tampa, Florida
Grand Hyatt Tampa Bay
May 17-21, 2009



Sponsors: Health Resources and Services Administration's (HRSA) Maternal and Child Health Bureau (MCHB) and the Centers for Disease Control and Prevention (CDC)

The MCHB and CDC are offering a Training Course in MCH Epidemiology as part of their ongoing effort to enhance the analytic capacity of state and local health agencies. This national program is aimed primarily at professionals in state and local health departments who have significant responsibility for collecting, processing, analyzing, and reporting maternal and child health data. Faculty working with state MCH departments also are eligible for the course.

The training curriculum is designed to build conceptual, technical, and analytic skills for using data effectively, and focuses on applications that are relevant to the day-to-day work of participants. The curriculum is designed for trainees with moderately advanced epidemiology and statistical training and applied experience. The training combines an intensive five-day program emphasizing hands-on data analysis experience. **MCHB will pay for the hotel and per diem costs of trainees. A limited number of scholarships for airfare are available.**

Go to www.positiveoutcomes.net to download the course application.

The downloadable application form includes a signature page. If you select to email the form, please mail a printed copy of your application with original signatures to Positive Outcomes. **STATE AGENCY EMPLOYEES:** The application must be accompanied by a letter from your state MCH director indicating that he or she is aware that you are applying for the training course. This letter helps to foster communication between state MCH directors and data analysts.

Email, fax, or mail completed applications by **Monday, April 3, 2009** to:

Dr. Julia Hidalgo
Positive Outcomes, Inc.
117 Jordan Taylor Lane
Harwood, MD 20776
Email: Julia.hidalgo@positiveoutcomes.net
Fax: (443) 203-0306

For additional information, call Dr. Hidalgo at: (443) 203-0305

Faculty Biosketches

Donna Petersen, ScD, MHS is Dean of the College of Public Health and Professor of Global Health at the University of South Florida. She has held faculty and senior leadership positions at the University of Alabama at Birmingham School of Public Health and the University of Minnesota, School of Public Health. She served as Director of the Division of Family Health at the Minnesota Department of Health. She is the author of numerous publications, book chapters, and a textbook on needs assessment in public health. She has provided extensive technical assistance and training to over 20 state health departments in the areas of needs assessment, data system development, systems level accountability, and the development of population-based indicators. She has served on numerous boards, commissions and task forces and is currently President of the Delta Omega National Public Health Honor Society and the President of the National Board of Public Health Examiners. She was honored for her work by the American Public Health Association, the Association of Teachers of MCH, the National Healthy Mothers, Healthy Babies Coalition and the Delta Omega National Public Health Honor Society. She earned her master's and doctoral degrees from the Johns Hopkins School of Public Health.

Kristin Rankin, PhD, is a Senior Research Specialist in the Division of Epidemiology and Biostatistics at the University of Illinois at Chicago (UIC) School of Public Health. She has used numerous state and national databases to conduct MCH research including Pregnancy Risk Assessment Monitoring System (PRAMS), the National Survey of Children's Health, Current Population Survey, National Children with Special Health Care Needs (CSHCN) Survey, Medicaid claims, prenatal medical records, a longitudinal Illinois transgenerational birth certificate database that links mothers and infants over time. She was the principal investigator for an evaluation of Illinois Medical Home Project, an intervention with pediatric care providers to improve the quality of care to patients with special needs. She also teaches a CDC-sponsored online course for MCH epidemiologists and an MCHB-sponsored on-site training in epidemiologic methods. She has led pre-conference training during past MCH Epidemiology conferences.

Deborah Rosenberg, PhD, is Research Associate Professor in the Division of Epidemiology and Biostatistics, at the School of Public Health, UIC. She has led national initiatives to enhance epidemiologic capacity in state and local health agencies for over fifteen years. From 1991-1997, she served as core faculty and Co-Director of the Enhanced

Analytic Skills Program at UIC. An outgrowth of this training initiative was the MCHB publication, *Analytic Methods in Maternal and Child Health*, an analytic skills-building workbook. For the past six years, she has been core faculty for the MCHB weeklong Training Course in MCH Epidemiology. She also leads distance-based courses in multivariable modeling and analysis of complex sample survey data for the CDC MCH Epidemiology Program. She regularly offers national workshops on a wide range of topics. As UIC epidemiology faculty, her research has included an assessment of the functioning of MCH epidemiology in state health agencies. In conducting national studies, she has applied data from PRAMS, the National Survey of CSHCN, and the National Survey of Children's Health. Her research has also focused on maternal morbidity and mortality. At UIC, she teaches biostatistics and epidemiology courses and serves as Co-Director of the MCH Epidemiology degree programs. In December 2005, she received the Excellence in Teaching Award given by the Coalition for Excellence in MCH Epidemiology.

William Sappenfield, MD, MPH, has more than 24 years of experience in MCH epidemiological research and practice at a local, state, and national level. As a nationally recognized leader in the field of MCH epidemiology, he has spent most of his career as a CDC epidemiologist working with state and local public health agencies to enhance their capacity to use epidemiology to improve the health of the women and children. His assignments include state public health agencies in Massachusetts, Mississippi, and South Carolina; CityMatCH, and a four year term as Team Leader of CDC's MCH Epidemiology Program. In 2005, he retired from CDC and the Commissioned Corp of the US Public Health Service. He now serves as the State MCH Epidemiologist and Chief of the Office of Surveillance, Evaluation and Epidemiology, Division of Family Health Services, Florida Department of Health. He leads the Department's MCH epidemiology efforts including directing a team of epidemiologists, working with programs across the Department, collaborating with state agencies, organizations, and universities; and assisting County Health Departments and community coalitions. He also continues to consult with the CDC's MCH Epidemiology Program. He received his medical degree from Louisiana State University Health Sciences Center in New Orleans and MPH in epidemiology from Harvard University. He completed his pediatric residency training at Vanderbilt University Medical Center and his preventive medicine residency training at the CDC. He also received applied epidemiology training through CDC's Epidemic Intelligence Service program.

Distance Learning Sessions	Monday, May 18th	Tuesday, May 19th	Wednesday, May 20th	Thursday, May 21st
Tuesday, May 12th 2:00-3:30 Eastern Statistics & Epidemiology Review <i>Deb Rosenberg, PhD</i> <i>Kristin Rankin, PhD</i>	8:30 am Analytic Approaches for Priority-Setting <i>Deb Rosenberg, PhD</i>	8:30 am Program Evaluation II <i>Donna Peterson, ScD</i>	8:30 am Linear Models II <i>Deb Rosenberg, PhD</i>	8:30 am Presenting Multivariable Results: <i>Kristin Rankin, PhD</i>
	10:00 am BREAK	10:00 am BREAK	10:00 am BREAK	10:00 am BREAK
Thursday, May 14th 2:00-3:30 Eastern Needs Assessment I <i>William Sappenfield, MD</i>	10:15 am Overview: Small Area / Small Numbers Analysis <i>Deb Rosenberg, PhD</i>	10:15 am Program Evaluation II, continued	10:15 am Modeling Exercise <i>Kristin Rankin, PhD</i>	10:15 am Strategies for Presenting Exercise <i>Kristin Rankin, PhD</i>
On-Site Training Course Sunday, May 17th	12:00 pm LUNCH	12:00 pm LUNCH	12:00 pm LUNCH	12:00 pm LUNCH and ADJOURN
1:00 pm Opening Remarks and Introductions <i>Michael Kogan, PhD</i> HRSA, MCHB <i>Julia Hidalgo, ScD</i> Positive Outcomes, Inc.	1:00 pm Program Evaluation I <i>Donna Peterson, ScD</i>	1:00 pm Linear Models I <i>Deb Rosenberg, PhD</i>	1:00 pm Modeling Exercise, continued	
	3:00 BREAK	3:00 BREAK	3:00 BREAK	
1:30 pm Needs Assessment II <i>William Sappenfield, MD</i>	3:15 pm Program Evaluation I, continued	3:15 pm Modeling Exercise <i>Kristin Rankin, PhD</i>	3:15 pm Intro to Multilevel Modeling <i>Deb Rosenberg PhD</i>	
3:00 BREAK	5:00 pm ADJOURN	4:15 pm Model Building Strategies <i>Deb Rosenberg, PhD</i>	4:15 pm Exercise <i>Deb Rosenberg PhD</i>	
3:15 pm Needs Assessment II (Continued)		5:00 ADJOURN	5:00 ADJOURN	
5:00 pm RECEPTION				
6:00 Adjourn				