

Maternal and Child Health

The Office of Family Health (OFH) is the Maternal and Child Health (MCH) agency of the Oregon Public Health Division (PHD) in the state health department. The primary mentor, Dr. Ken Rosenberg, is the lead MCH Epidemiologist for the entire Office of Family Health. The secondary mentor, Dr. James Gaudino, was previously the lead MCH Epidemiologist for the Washington State Health Department and now works fulltime in the Oregon immunization program. We are located in Portland, Oregon near excellent public transit.

The MCH Epidemiology Fellow will sit in OFH and become involved in OFH programs including Perinatal, Child, Adolescent and Oral Health, Immunization, Women's and Reproductive Health, and WIC. Work will include learning about programs, surveillance systems in public health, program and surveillance system evaluation, survey design and methods, and study design and data analysis for presentations and publications. Oregon has hosted three MCH Epidemiology Fellows since 2001.

Potential projects for a Fellow in 2007-2008 include:

Surveillance System Evaluation: Evaluation of the PRAMS follow-up survey, called the PRAMS-2 Survey. The survey began in 2006; we re-interview PRAMS respondents when their child is 24 months old. We need to evaluate the first year of data to determine whether questions should be changed and to assess adequacy of response rate.

Emergency Preparedness: The Fellow will be working with Emergency Preparedness staff to incorporate the Maternal and Child Health focus into disaster planning and exercises. In addition, the Fellow will work with MCH staff to begin to include an emergency preparedness awareness in existing programs, particularly case management and home visiting for perinatal women and young children.

PRAMS: Fellow will join the PRAMS team, learning how the data is collected and analyzing data from PRAMS and PRAMS-2. Fellow will have the option to weight the PRAMS-2 survey data.

Write newsletter article (supported by PRAMS data) for Oregon healthcare providers about new developments in postpartum depression.

WIC and Folic Acid: Improving the proportion of WIC clients who take multivitamins containing folic acid. Using quantitative and qualitative methods to develop recommendations for the Oregon WIC program.

Pre-school underimmunization: Assess risk factors for pre-school child undervaccination in Oregon: study the risk factors for pre-school child underimmunization in Oregon using full birth cohorts from birth certificates, Oregon's statewide immunization registry and the Oregon PRAMS-2 survey

YRBS: Design study / analyze data from Oregon Youth Risk Behavior Surveillance System around mental health issues, physical activity, obesity and tobacco use.

BRFSS: Design study / analyze data from Oregon Behavioral Risk Factor Surveillance System around women's health issues.

NSCH: Design study / analyze data from the National Survey of Children's Health Oregon respondents.

ESRBS: Design study / analyze data from Oregon's new Elementary School Risk Behavior Survey of 4th-6th graders.

Immunization recall postcards: Evaluate the optimal ages/times for child immunization recall-and-reminder postcard interventions by Oregon's Statewide Child Immunization Registry from a large, randomized-control trial in 2007-2008.

Rural immunization: Assess factors associated sub-optimal child immunization practices among rural Oregon clinicians -- using quantitative and qualitative data from the Oregon Health and Sciences University - State of Oregon Rural Immunization Initiative.

Assignment Location: Portland, Oregon

Primary Supervisor: Kenneth D. Rosenberg, MD, MPH, MCH
Epidemiologist

Advanced Degree: MD, Tufts University School of Medicine (1973)
MPH, Columbia University School of Public Health (1989)

Secondary Supervisor: James A. Gaudino, Jr., MD, MS, MPH, FACPM,
Senior Immunization Medical Epidemiologist

Advanced Degrees: MD, University of California, Davis, (1985)
MPH, University of California, Berkeley (1987)