

In the Family Health Services Division, opportunities exist for a CSTE Fellow to address maternal mortality, infant mortality, mercury exposure in fish, increasing chlamydia rates among family planning population, ethnic disparities, unintended pregnancy, evaluation of WIC's electric breastpump loan program, development of a child health survey, and analysis of Pregnancy Risk Assessment Surveillance (PRAMS) data. The Division of Disease Outbreak and Control is responsible for the Hawaii Immunization program as well as disease outbreak investigations, and bioterrorism preparedness. The program has close ties with the University of Hawaii, School of Medicine Program in Epidemiology and Public Health Science. The Family Health Services Division has funding from CDC and HRSA for several programs impacting maternal and child health and children with special needs, as well as close ties with AMCHP and CityMatCH.

After an initial orientation to all of the projects listed below, the MCH Epidemiology Fellow will be expected to select one or two for which he/she will take the lead in completing the data analysis. The Fellow will develop a work plan for review with the Primary and Secondary supervisors. This work plan will include not only the outlined steps he/she will undertake to accomplish the tasks, but also the necessary support (e.g., administrative, training, other resources) that will be required for completion. The Fellow will be included in weekly staff meetings with the Core administrative staff of the Family Health Services Division. The fellow will also be invited to other appropriate meetings at the Branch level that pertain to the project to which his/her primary work relates.

Potential projects for the CSTE fellow include:

- Using PRAMS data to investigate risk factors for maternal and infant health outcomes;
- Development of a child health survey among PRAMS respondents;
- Analysis of data from an ongoing study of WIC's electric breastpump loan program;
- Analysis of breastfeeding prevalence at 6 months from PRAMS follow-up survey data;

Program or surveillance system evaluation options include:

- Evaluation of birth certificate-based immunization notification;
- Development of effective delivery methods to improve childhood immunization coverage;
- Evaluation of the effectiveness of targeted adolescent Hepatitis B immunization.

In times of emergency all DOH staff will be activated to respond to the crisis at hand, this would include the CSTE Fellow who would work under the supervision of the Division of Disease Outbreak and Control (DOC) Division Chief. The Fellow will also work closely with the FHS Division Chief to address the unique needs of children and pregnant women. Management and analysis of data from various tracking systems will be vital to the development of on-going emergency operations planning.

Assignment Location: Honolulu, HI

Primary Mentor: Cheryl Prince, PhD, MPH, MSN
State Maternal and Child Health Epidemiologist (1996-present)
Epidemiologist, CDC Division of Reproductive Health (1990-present)

Advanced Degrees: - Not listed in CV

Secondary Mentor: Paul V. Effler, MD, MPH
State Epidemiologist and Chief of Disease Outbreak Control Division
(2003-present)
Executive Director for Bioterrorism Preparedness (2002-present)

Advanced Degrees: MD, University of California at San Diego (1988)
MPH, University of Hawaii at Manoa (1990)