

Graduate Student Epidemiology Program

To promote training in MCH Epidemiology



Real-World Experience in:

- **Data Analysis
and Monitoring**
- **Needs
Assessment**
- **Program
Evaluation**

2013 Program Guide

Submit your application for 2013 today!!
www.mchb.hrsa.gov/gsep

Student Application Deadline is February 22, 2013

The Graduate Student Epidemiology Program (GSEP) provides technical assistance to States and localities while offering graduate students hands-on training in maternal and child health epidemiology. For over 10 years, GSEP participants have had the opportunity to work with health agencies across the country to address specific, defined data or analytic issues with the aim of developing or enhancing MCH and Children with Special Health Care Needs (CSHCN) information systems.

This brochure includes a brief synopsis of the 26 GSEP summer projects available in 2013. All projects fall into the following three focus areas:

Data Analysis and Monitoring

Needs Assessment

Program Evaluation

We are now accepting applications. Please visit our site www.mchb.hrsa.gov/gsep to view the full GSEP catalog of projects and apply online. Students may select up to **three** positions of interest. Qualified students will be matched with appropriate opportunities regardless of student or location.

Deadline

The submission deadline for student applications is February 22, 2013. Matches will be announced beginning in April of 2013.

“The GSEP really puts a different lens on public health and made me understand what my courses are working towards. I have a better grasp on how I can use the knowledge learned in school to better the health of people everywhere.”

-2012 GSEP Participant

Eligibility

Master’s and doctoral degree candidates in U.S. schools of public health (accredited by the Council of Education for Public Health) are qualified to apply. Applicants must be enrolled in MCH studies and must not graduate before the internship ends. Only US citizens or foreign nationals who possess a visa permitting permanent residence in the United States are eligible.

Time and Stipend

The GSEP project is completed over a 12 week period, to begin in May, June or July. GSEP participants will receive a stipend of at least \$4,000 over 3 months to cover housing and daily living expenses.

If you have any questions about the projects or the application process, please contact:

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Projects with this focus may include monitoring of diseases, injuries, and health conditions for their frequency, risk factors, consequences, and health service requirements, and analysis of epidemiological data sets.

Child Health Study, Boston, Massachusetts

Department: Boston Public Health Commission, Bureau of Child, Adolescent, and Family Health, Office of Research and Evaluation

The purpose of the project is to analyze data on Children with Special Health Care Needs (CSHCN) to inform decisions, strategies, and policies that will eliminate health inequities and improve child health and well-being among CSHCN.



Analyses of birth records in the US-Mexico border region, El Paso, Texas

Department: Centers for Disease Control and Prevention, Maternal and Child Health Epidemiology Program (MCHEP), US-Mexico Border Health Commission (BHC)

The purpose of this project is to contribute toward a better understanding of birth outcomes and disparities in the bi-national US-Mexico border population through analysis of demographic and birth outcome data.



Report on Disparities in Early Childhood Indicators from the National Survey of Children's Health, Hawaii

Department: Hawaii Department of Health, Family Health Services Division

The purpose of this project is to analyze data from the National Survey of Children's Health to explore associations among early childhood indicators including childhood obesity, oral health, breastfeeding, and developmental screening. The results of the student's analysis will be used as part of the State's needs assessment process.



Measuring Readiness for Transition among Iowa Youth with Special Health Care Needs, Iowa City, Iowa

Department: Child Health Specialty Clinics, Systems of Care for Children and Youth with Special Health Care Needs, Iowa Department of Public Health

The purpose of this project is for the student to successfully pilot a tool aimed at measuring transition readiness for adolescents with special health care needs.



Use of dental care services by children who receive I-Smile screening services, Iowa

Department: Iowa Department of Public Health, Division of Health Promotion and Chronic Disease Prevention, Bureau of Family Health

The purpose of this project is to create an oral health service use profile for children who receive oral health screenings and care coordination services at Title V local public health agencies. Title V agencies can use the service profiles use to describe the population of children who receive services, to evaluate their programs' effectiveness, and examine gaps in services.



Analysis of Risk Behaviors As Reported By Illinois School Health Center Users Age 15-17, Illinois

Department: Illinois Department of Human Services

The purpose of this project is to collect and analyze data obtained from 15- to 17-year-old students utilizing Illinois School Health Centers as collected from use of the Bright Futures Risk Assessment Tool. Findings will be used to develop a system for analysis of adolescent risk assessment data and dissemination of findings to support decision-making regarding anticipatory guidance, treatment, or referral needed to improve health outcomes.



Perinatal Periods of Risk Analysis, Louisiana

Department: Louisiana Office of Public Health, Bureau of Family Health Epidemiology Data Action Team

The purpose of this project is to conduct Phase 2 data analysis using Perinatal Periods of Risk (PPOR) data on infant mortality and present findings and recommendations to stakeholders.



2013 Data Analysis and Monitoring Projects - cont.

Maternal, Child, and Adolescent Health Analysis, Los Angeles County, California

Department: Los Angeles County Department of Public Health, Maternal Child and Adolescent Health Program, Research Evaluation and Planning (REP) Unit

The purpose of this project is for the student to gain exposure to Maternal Child and Adolescent Health research and evaluation related issues. Depending on the student's skill, experience and interest, the student intern will be encouraged to develop his/her own analysis topics and carry out the project independently with assistance from REP Unit staff based on available data.



Analysis of Maternal Behaviors by WIC Participation and Pediatric Nutrition Surveillance, Massachusetts

Department: Massachusetts Department of Public Health, Office of Data Translation, Bureau of Family Health and Nutrition

The purpose of this project is to compare maternal behaviors by WIC participation using Pregnancy Risk Assessment Monitoring System (PRAMS) data and to use the Pediatric Nutrition Surveillance System (PedNSS) to monitor the prevalence of nutrition-related health indicators for children under 5 years old.



Analyzing variations in MCH Indicators, North Carolina

Department: North Carolina Department of Health and Human Services, State Center for Health Statistics, Women's and Children's Health Section

The purpose of this project is to analyze a set of maternal and child health indicators to determine which indicators have the greatest variation across the state. The student will also identify if additional indicators are needed to describe the variation in maternal and child health in North Carolina and to identify programs and practices that may be associated with counties that have the best performance for the indicators with greatest variation.



Analysis of PRAMS data for Safe Sleep Fact Sheet and educational brochures, Nebraska

Department: Nebraska Department of Health & Human Services, Office of Maternal and Child Health, Epidemiology, Lifespan Health Services Unit

The purpose of this project is to analyze Pregnancy Risk Assessment Surveillance and Monitoring (PRAMS) data to develop safe sleep outreach materials targeted to specific at-risk population groups in Nebraska.



Pregnancy Risk Assessment Surveillance and Monitoring (PRAMS), Oregon

Department: Oregon Public Health Division

The student will have the opportunity to select one of two data analysis projects with the following objectives: 1) Analysis of race-stratified samples of PRAMS and PRAMS-2 data in order to help inform tribal health agencies; 2) Analysis of PRAMS data on provider discussions about perinatal depression during prenatal care.



Health of Reproductive Age Women in Washington

Department: Washington State Dept of Health, Office of Healthy Communities, Surveillance, and Evaluation Section

The purpose of this project is to develop two data reports. The first report is an update of the Health of Washington State chapter on Access to Prenatal and Preconception Care, last published in 2007. For the second report, the student will use data from several data sources to analyze the health status and service needs of women, especially women of reproductive age.



A Descriptive Analysis of Teen Births, Wyoming

Department: Wyoming Department of Health, Maternal and Family Health Unit

The purpose of this project is to analyze data from the Wyoming Vital Statistics Services Program and Wyoming PRAMS 2007-2011 to create a report on teen births in Wyoming.



2013 Needs Assessment Projects

Project with this focus may include the systematic analysis, assessment, and projection of health needs and resources in a given population or community.

Maternal and Child Health Epidemiology Issue Briefs, Colorado

Department: Colorado Department of Public Health and Environment, Epidemiology, Planning and Evaluation, Prevention Services Division

The purpose of this project is to identify, collect, and describe relevant data on select Maternal and Child Health issues to inform the 2015 needs assessment process.



Assessment of the Adolescent Health System, Douglas County, Nebraska

Department: Douglas County Health Department

The purpose of this project is to utilize data obtained from the Youth Risk Behavior Surveillance System (YRBSS), the National Survey of Children Health (NSCH), Nebraska Maternal Child Health Title V Needs Assessment, and additional sources to assess and monitor the health experiences and behaviors of adolescents in Douglas County.



Developing Maine's Comprehensive MCH Strengths and Needs Assessment, Maine

Department: Maine Center for Disease Control, Population Health Epidemiology Group, Division of Population Health

The purpose of the proposed project is to assist the state's Title V program in analyzing quantitative data for the 2015 Maternal and Child Health Block Grant Needs Assessment.



Children with Special Health Care Needs Assessment of Transition Needs, Texas

Department: Maine Center for Disease Control, Population Health Epidemiology Group, Division of Population Health

The purpose of the proposed project is to develop a framework for comparing transition services in other states in order to improve Children and Youth with Special Health Care Needs transition services in the state of Texas.



2013 Program Evaluation Projects

Projects with this focus may include the monitoring, collection, and analysis of data to determine the effectiveness or outcomes of a particular program or project.

Evaluation of Pilot Project: Breast and Cervical Health Check Screenings for Women with Intellectual and Developmental Disabilities, Alaska



Department: State of Alaska Department of Health and Social Services, Section of Women's Children's and Family Health, Division of Public Health

The primary purpose of this project is to evaluate an existing pilot program designed for women experiencing disabilities to determine effectiveness and assess the program's impact on health outcomes of the target population.

Evaluation of Fetal Alcohol Spectrum Disorders, Arizona



Department: Arizona Department of Health Services, Bureau of Women's and Children's Health

The purpose of this project is to evaluate the effectiveness of the home visiting program, as well as the brief intervention aspect of the Fetal Alcohol Spectrum Disorders program, with respect to specific birth outcomes, including: gestational age, birth weight, and birth length.

Women's Health Network Evaluation, Buncombe County, North Carolina



Department: Buncombe County Department of Health

The purpose of this project is to design and implement an evaluation plan for a new community-wide Women's Preconception Health network. This will involve helping to define and align evaluation measures of community partners' work, which will be entered into a new electronic data system that the intern will help to pilot.

Assessing High Risk Birth Outcomes and Interventions, Cook County, Illinois



Department: Cook County Dept of Public Health, Community Epidemiology, and Health Planning Unit, Epidemiology Program Office

The purpose of this project is to conduct an analysis of high-risk birth outcomes and related factors from the Adverse Pregnancy Outcome Reporting System to identify the populations at greatest risk of poor pregnancy and infant health outcomes in suburban Cook County.

Has the Florida Special Supplemental Nutrition Program for Women, Infants, and Children (WIC) influenced childhood obesity rates, Florida



Department: Florida Department of Health, Division of Community Health Promotion, Maternal and Child Health Practice and Analysis Unit

The purpose of this project is to study the influence of WIC nutrition services on childhood obesity using WIC administrative data. The intern will complete a policy and program relevant white paper or brief on childhood obesity among children enrolled in the Florida WIC Program.

Educating Physicians in Their Communities (EPIC) Breastfeeding Program Evaluation, Georgia



Department: Georgia Department of Public Health, Maternal and Child Health Section

The purpose of this project is to implement a formative evaluation plan to document the effectiveness of the evidenced-based EPIC breastfeeding program. This program aims to increase breastfeeding rates in Georgia through training practitioners to counsel patients to breastfeed. The intern will gain skills in survey design, implementation, and analysis.

FIMR & PAMR Evaluation for Title V Needs Assessment, Mississippi



Department: Mississippi State Department of Health, Office of Health Data and Research

The purpose of the project will be to conduct an evaluation as part of the Title V Needs Assessment using Fetal Infant Mortality Review and Pregnancy-Associated Mortality Review data.

Impact of Competency Based Training for Respite Providers, New Hampshire



Department: Title V Children and Youth with Special Health Care Needs Special Medical Services

The purpose of this project is to assess the impact of a pilot program focusing on competency based training of respite care providers. The student will develop a report to identify whether or not the pilot was responsive to the needs of the caregivers across populations in New Hampshire and will make recommendations to assure that the program enhances the respite care delivery system.

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