

Graduate Student Epidemiology Program (GSEP)  
 Previous Host Sites and student projects

Host Site Agency	Summary of Project
Alameda County Public Health Department	Measure the impact and effectiveness of the Maternal/Infant/Early Childhood Home Visiting and Family Support System of Care
Alaska Department of Health and Social Services, Division of Public Health, Section of Women's Children's and Family Health	Evaluate the impact of interventions conducted in the state of Alaska to promote infant safe sleep practices with the goal of preventing sleep-related infant mortality
Cook County Dept of Public Health	Analyze surveillance data to identify risk factors for lead exposure and complete a literature review of evidence-based practices for lead poisoning prevention
District of Columbia Department of Health	Identify barriers to prenatal care start and continuation among high-risk mothers, including identifying sub-populations who may be disproportionately impacted
DuPage County Health Department	Better understand the prevalence of overweight and obese among at risk children aged 2-4 years in DuPage County
Georgia Department of Public Health	Assess the effectiveness of the current process for reviewing maternal mortality case reports in identifying pregnancy related deaths
Hawaii Department of Health	Evaluate data for key maternal and child health indicators and associated disparities and develop guidelines to improve birth outcomes for families in Hawaii
Inter-Tribal Council of Arizona	Examine longitudinal data on tribal WIC programs across the state of Arizona
Kansas Department of Health and Environment	Identify the Life Course Indicators available in Kansas and produce a report related to reducing risk factors for infant mortality in Kansas
Los Angeles County Dept. of Public Health, Maternal, Child and Adolescent Health Programs	Develop an equity report card/index reflecting data relevant to maternal, child and adolescent health
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Louisiana Department of Health and Hospitals	Conduct a program evaluation for Louisiana Birth Defects Monitoring Network Program, which tracks birth defects and syndromes in newborns and children
Louisiana Office of Public Health	Complete an evaluation of Louisiana's Child Death Review Program and present findings and recommendations to stakeholders
Maine Centers for Disease Control	Map select life course indicators at the county or census tract level and examine their relationship to core MCH outcomes, such as low birth weight
Mississippi State Department of Health	Coordinate a comprehensive T-V MCH Needs Assessment for the state of Mississippi and produce a high quality scientific document relating the findings of the needs assessment
Montana Department of Public Health and Human Services	Conduct an analysis and evaluation of Montana's Maternal and Early Childhood Home Visiting program referral system and make recommendations regarding data quality improvement
Mountain Area Health Education Center (MAHEC)	Develop evaluation plans of Buncombe County organizations working to improve preconception health and early childhood development, primarily by using a new interactive site for collective impact
Nebraska Department of Health and Human Services	Complete an evaluation of the Nebraska Birth Defects Registry surveillance system, prioritize improvement opportunities, and determine best practices for evaluation of our other systems
New Mexico Department of Health	Evaluate the effectiveness and efficiency of the High Risk Prenatal Fund and compile findings and recommendations into a report that addresses weaknesses and sustainability of the Fund
Northwest Portland Area Indian Health Board	Conduct an analysis of infant mortality or pregnancy risk factor and birth outcomes data to provide Northwest area tribes with up-to-date reports at the local level
Oregon Health Authority	Conduct analysis on Choking Game surveillance data of Oregon teens or Develop economic analysis of impact of School-Based Health Centers giving immunizations to youth
Texas Department of State Health Services	Research the current state of transition outcomes for Hispanic/Latino youth with special health care needs in Texas
Texas Department of State Health Services	Examine sleep-related deaths and infant safe sleep practices in Texas and make recommendations for safe sleep prevention activities
Washington State Dept of Health	Identify barriers to prenatal care start and continuation among high-risk mothers, including identifying sub-populations who may be disproportionately impacted



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Wisconsin Division of Public Health	Analyze data to identify unmet maternal and child health needs in urban and rural geographies
Wyoming Department of Health	Complete a comprehensive descriptive analysis of birth certificate data by County and summarize data into a series of fact sheet
District of Columbia Department of Health	Analyze data obtained from schools with and without School-based Health Centers to determine the impact of School-based Health Centers on absentee and/or truancy rates
District of Columbia Department of Health	Assess the risk factors of participants enrolled in the MIECHV program and determine the impact that home visiting services have on participants' risk factors over time
District of Columbia Department of Health	Conduct a literature review on infant mortality in DC and analyze Healthy Start Dashboard data
Georgia Department of Public Health	Analyze birth defects surveillance data and assess birth defects risk factors in Georgia
Georgia Department of Public Health	Analyze and monitor maternal and perinatal outcome measures related to regionalized care
Hawaii Department of Health	Evaluate disparities in adolescent oral health indicators to help inform efforts in the State of Hawaii
Illinois Department of Public Health	Analyze hospital discharge data to conduct a broad assessment of child asthma hospitalizations and emergency department utilization in Illinois
Iowa Department of Public Health	Assess the rate of rapid repeat pregnancies and the demographic characteristics of women who experience rapid repeat pregnancies
Kansas Department of Health and Environment	Analyze WIC data to gain a greater understanding of the impact of the revised WIC food packages on fruit and vegetable consumption and understand trends in the population in terms of obesity rates
Kentucky Commission for Children with Special Health Care Needs	Conduct a redesign of data collection efforts in order to accurately measure services to Kentucky children and youth with special health care needs and their families
Los Angeles County Department of Public Health	Identify health disparities and unmet needs relevant to the MCAH community
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Louisiana Office of Public Health	Longitudinally assess mortality among children born with birth defects
Maine Center for Disease Control and Prevention	Examine and report on the epidemiology of drug affected newborns in Maine
Massachusetts Department of Public Health	Examine the implementation of the Welcome Family pilot program to assess the extent to which the program was able to identify and appropriately respond to the needs of participating families
Missoula City-County Health Department	Use formative, process, and outcome evaluation techniques to better understand the impact of our program elements on outcomes related to the health needs of children in the foster care system
Mountain Area Health Education Center	Guide the development and interagency sharing of evaluation plans of Buncombe County organizations working to improve women's and children's health, primarily by using an interactive site for collective impact
Nebraska Department of Health and Human Services	Complete an evaluation of the Nebraska Pregnancy Risk Assessment Monitoring System (PRAMS), prioritize improvement opportunities, and contribute recommendations of best practices for system evaluations
New Hampshire Department of Health and Human Services	Identify, explore, and describe barriers to entry and continuance in a perinatal care program
New Mexico Department of Health	Provide support to existing stakeholders in the assessment of needs and gaps for infant sleep safety, to analyze existing New Mexico SUID registry data, and make recommendations for policy development
Oregon Center for Children and Youth with Special Health Needs	Understand inequities faced by Oregon Children and Youth with Special Health Care Needs, particularly those with behavioral or mental health conditions
Rocky Mountain Tribal Leaders Council	Expand current prevention activities to further reduce underage drinking and promote a holistic wellness movement in six reservations participating in the Tribal Prevention Initiative (TiPI)
Vermont Departments of Health	Conduct an evaluation of the planning and implementation phase of the Improving Parental Depression Screening at WellChild Visits in Family Medicine Settings project
Washington State Department of Health	Learn how data are used in Collective Impact and support Essentials for Childhood data activities
Wisconsin Division of Public Health	Evaluate the Sleep Baby Safe Home Visitor Training Program to inform decisions about the continuation of the program and possible expansion to other practitioners who work with families



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Alaska Department of Health and Social Services	Analyze birth and death certificate data to describe trends as well as protective and risk factors in maternal and infant health during the perinatal period.
Arizona Department of Health Services	Analyze Arizona Sensory Program data from 2014-2017 to assess disparities among children in hearing screening, medical referrals, and hearing disorders.
Colorado Department of Public Health and Environment	Analyze current data on pregnancy related depression and early childhood obesity to produce two maternal and child health issue briefs.
Cook County Department of Public Health	Analyze American Community Survey data to identify the relationship among place-based social determinants of health and elevated blood lead levels.
Florida Department of Health	Examine the association between bullying and use of tobacco, drug, and alcohol among high school students in Florida using 2011–2015 data from the Florida Youth Risk Behavior Survey (YRBS).
Great Lakes Inter-Tribal Epidemiology Center	Assess childhood immunization rates within the Bemidji area utilizing Indian Health Service National Immunization Program data.
Hawaii Department of Health	Analyze Pregnancy Risk Assessment and Monitoring (PRAMS) data to assess how smoking, alcohol use, and chronic disease relate to birth outcomes.
Illinois Department of Public Health	Analyze vital records data to assess trends and risk factors in infant mortality through a health equity and social determinants of health lens.
Iowa Department of Public Health	Analyze a variety of IDPH and other public health data sets and create data visualizations for the Iowa Public Health Tracking Portal
Kentucky Department for Public Health	Review, abstract, and clean data to improve the availability and accuracy of data within the Kentucky Birth Surveillance Registry on children with birth defects.
Los Angeles County Department of Public Health	Assess socio-economic disparities, racial/ethnic disparities, and unmet need to develop recommendations for incorporating a focus on health equity and social determinants into ongoing agency efforts.
Louisiana Department of Health	Evaluate Louisiana's Child Death Review system and develop recommendations for how data can inform the local level review process



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Maine Center for Disease Control and Prevention	Analyze Maine Perinatal Periods of Risk (PPOR) data to identify risk factors for infant mortality and recommend actions for prevention.
Mountain Area Health Education Center	Using a web-based interactive scorecard for collective impact, assess the impact of performance measure data from Buncombe County organizations working to improve women's and children's health in the areas of infant mortality, substance use disorders, and intimate partner violence.
New Mexico Department of Health	Analyze early childhood neighborhood data and develop geospatial maps for community early childhood coalitions and other public health partners
Northwest Portland Area Indian Health Board	Identify current MCH needs and priorities within the Northwest Tribal population and develop a 5-year plan to prioritize MCH epidemiology activities.
Rocky Mountain Tribal Leaders Council	Collect and analyze Tribal Prevention Initiative data on underage drinking consumption and support capacity building activities to promote community readiness.
Sacramento County Department of Human Services	Analyze Sacramento County Perinatal Periods of Risk (PPOR) data to develop strategies for reducing disparities in infant mortality.
Utah Department of Health	Analyze hospital discharge data to assess the current state of severe maternal morbidity in the state.
Vermont Department of Health	Evaluate care coordination activities tracked through a new Care Management Database to assess outcomes of care coordination for children and youth with special health care needs.
Washington State Department of Health	Collect and analyze data to assess the extent to which family engagement activities and access to family navigators impacted outcomes for children with special healthcare needs.
Wisconsin Division of Public Health	Analyze maternal mortality data from 2011-2015 to produce assess and report on the involvement of drug use and treatment in maternal deaths.
Women's, Children's and Family Health Section in the Alaska Division of Public Health	Oral health workforce survey & data analysis of National Survey of Children's Health data on health care access measures among CYSHCN
Pacific Island Health Officers' Association	Data analysis of National Center for Health Statistics datasets for the US and the three Pacific territories
District of Columbia Department of Health	Analysis, design, and development of inaugural 2017-2019 DC PRAMS Chart Book
Florida Department of Health	An Examination of Postpartum Contraceptive Use Among Women on Medicaid in Florida, 2016-2020



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Kentucky Department for Public Health, Division of Maternal and Child Health	Using data to build partnerships for birth defects prevention
Louisiana Department of Health, Office of Public Health, Bureau of Family Health	Construct 2019 PRAMS Surveillance Report for the state of Louisiana
Maine Center for Disease Control and Prevention	Analysis of Maine's Pregnancy Risk Assessment Monitoring System data
Maryland Department of Health	Data analysis on hypertension during pregnancy using PRAMS data
Massachusetts Department of Public Health	Qualitative analysis of Massachusetts PRAMS data
Montana Department of Public Health and Human Services	Evaluation of the Montana PRAMS to assess the key drivers behind the low American Indian response rate
Pacific Island Health Officers' Association	Data analysis project for US-affiliated Pacific Islands
Philadelphia Department of Public Health	Evaluation of three new infant mortality initiatives
South Dakota Department of Health	Creating a plan for officewide data reporting and visualization that includes overarching MCH outcomes and program specific data
The What to Expect Project	Evaluating Pregnancy Pandemic Preparedness Project
Wallace Center for Maternal, Child, and Adolescent Health at UC Berkeley School of Public Health	Qualitative research: maternal health care from doula's perspective
University of California, San Francisco	Data analysis of adolescent mental health outcomes
University of California, San Francisco	Gender differences in eating disorders among adolescents
Lifeline4Moms at University of Massachusetts Medical School	Massachusetts Child Psychiatry Access Program for Moms analysis
Utah Department of Health, Maternal and Child Health Bureau	Analysis of maternal mental health survey
Wisconsin Department of Health Services	Data dashboard for maternal mortality reviews
MOMCares	MOMCares Program Monitoring & Evaluation on Effectiveness of Breastfeeding Initiatives and Disparities in Breastfeeding



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Virginia Department of Health, Office of Family Health Services	Data Analysis of Racial Disparities in the Rate of Severe Maternal Morbidity (SMM) Before and After the Start of the COVID-19 Pandemic
Tennessee Department of Health	Comprehensive Data Analysis of PRAMS Surveillance
Multnomah County Health Department	Community-Engaged Epidemiology to Build the African American Maternal and Child Health Data Book
Partnership for Maternal and Child Health for Northern New Jersey	Data Analysis of Prenatal and Perinatal Outcomes within Northern New Jersey Region
Montana Department of Public Health and Human Services	Data Analysis of Children and Youth with Special Health Care Needs (CYSHCN) Programs
Guam Department of Public Health and Social Services	Data Analysis of Guam's Maternal and Child Health in Emergency Preparedness and Response (EPR) Planning
Florida Department of Health	Data Analysis of Preconception Health and Syphilis from PRAMS
New Jersey Department of Health	Program Monitoring and Evaluation of NJ Healthy Women Healthy Family Initiative (HWHF)
South Dakota Department of Health	Program Monitoring and Evaluation of Strategic Community Outreach and Outcomes Plan (SCOOP)
University of North Dakota	Data Analysis of the North Dakota Title V/MCH Breastfeeding Program
Montana Department of Public Health and Human Services	Tableau Dashboard for Montana's Maternal, Infant, and Early Childhood Home Visiting (MIECHV) Program Needs Assessment
Maine Center for Disease Control and Prevention	PRAMS- 2020 COVID-19 Impact on Pregnant People
Colorado Department of Public Health and Environment	Data Briefs on Maternal and Child Health in Colorado
Washington County Department of Health and Human Services	Comprehensive Databook of PRAMS
Louisiana Department of Health, Office of Public Health, Bureau of Family Health	Louisiana; Needs Assessment and Environmental Scan Monitoring Health-Related Indicators for Sickle Cell Disease (SCD)
Shelby County Government	Data Analysis of the Perinatal Periods of Risk (PPOR)



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Fairfax County Health Department	Needs Assessment on Fairfax County Home Visiting Programs
Illinois Department of Public Health	Data Analysis in Advancing Health Equity in Maternal and Child Health
Columbus Public Health	Data Analysis of COVID-19 Impact on Pregnant Women and their Babies
Pacific Island Health Officers' Association	Data Analysis of Maternal and Child Health Disparities in US-affiliated Pacific Islands
Commonwealth Healthcare Corporation	Commonwealth of the Northern Mariana Islands Women's Health Survey Report