

University of Pittsburgh, Department of Epidemiology Doctoral Program Dissertation Projects

- Childhood Maltreatment as a Social Determinant of Midlife Health-Related Quality of Life in Women: Do Psychosocial Factors Explain This Association?
- Using Pharmacoepidemiological Methods to Study Pharmacotherapy in Pregnancy: Application to Opioid Maintenance Therapy and 17-OHPC for Prevention of Preterm Birth
- Air Pollution and Cardiovascular Disease: From the Perspectives of Both Short- and Long-Term Exposure
- Cardiovascular Disease in Type 1 Diabetes: Quantifying Risk and Addressing Limitations in the Analysis of Longitudinal Cohort Studies
- Comprehensive Cervical Cancer Prevention and Control: Potential Strategies at Different Stages of Cervical Cancer Progression
- Cesarean Section Delivery in India: An Analysis of Maternal Factors and Infant Outcomes
- Classifications, Re-visits, and Mortality for Opioid-Related Hospitalizations in Pennsylvania and their Associations with HCV and HIV Discharges
- Association of Subclinical Atherosclerosis with Lipoprotein Particles, Alcohol Consumption, and Long-Chain N-3 Polyunsaturated Fatty Acids Among Health Middle-Aged Men in an International Population-Based Study
- The Role of Reproductive Health in Musculoskeletal Aging: A Life-Course Approach
- Inflammation & Characteristics of Atherosclerotic Plaque
- The Epidemiology of Sporadic, Community-Acquired Legionnaires' Disease
- Folate and Iron Status in Women of Childbearing Age After Bariatric Surgery
- Racial Differences in Brain Health and the Potential Mediating Role of Fitness and Risk

- Associations of Frailty, Quality of Life Indicators, and Spirituality on Immune System Response to Influenza Vaccine in Adults 50 Years of Age and Older
- Promoters of Cerebral Small Vessel Integrity for Cognitive Disorder Prevention
- STAMPS: Surveillance, Trends and Mapping of Opioid Seizures: Allegheny County, Pennsylvania
- Accute Inflammation & Infection: The Effects on Recovery Following Moderate to Severe Traumatic Brain Injury
- Stress and Cardiovascular Risk in Mid-Life Women: How Important are Social Roles?
- Cortical Bone Health in African Ancestry Men
- Blood Pressure and Cardiovascular Disease in Type 1 Diabetes: An Exploration of Prediction and Control
- Frailty and Walking Ability as Integral Markers of Aging & Their Metabolomic Signatures
- The Effect of Large-Scale Economic Development on Violence and Collective Efficacy: A Natural Experiment
- Microbial Etiology of Endometritis: Implications for Screening, Treatment, and Post-Pelvic Inflammatory Disease Sequelae
- Wavelet and Multilevel Analysis to Determine Spatial Dependencies of Seasonal Influenza, Weather, and Pollution Across Chile 2010–2016
- Vascular Burden, Brain Beta-Amyloid & Soy Isoflavones: Informing Dementia Prevention Programs
- The Effects of Fatigue & Fatigability on Fall Risks in Older Adults
- Long-Term Effects of Diabetes Pharmacotherapy and Multiple Medication Use on Clinical and Economic Outcomes from Claims Datasets
- Alcohol use and weight in US adults and bariatric surgery patients
- Incident prepregnancy obesity and perinatal mortality: application of nonparametric doubly robust methods
- Gestational Weight Gain and Modifiable Risk Factors of Severe Maternal Morbidity
- Using High-Resolution Measles Vaccination Coverage Data Improves Detection of Spatial Heterogeneity and Measles Risk in the US and Africa

- Skeletal and Muscle Health Among Rural South Indian Older Population
- Depression and HIV Infection: Risk Factors for Cardiovascular Disease
- Unhealthy Lifestyle Practices in the Mexican Population: National Surveys of Coverage of the Integrated Health Programs (ENCOPREVENIMSS) of the Mexican Institute of the Social Security (IMSS) 2003, 2004, 2005, 2006, and 2010
- Change in Physical Activity Levels and Predictors of Success in DPP-Based Community Lifestyle Intervention Effort
- Negative Male Partner Influences on Reproductive Health and Contraceptive Use among Adolescent and Young Adult Women
- Low Birth Weight Delivery and Long Term Maternal Cardiovascular Health
- Peripheral Nervous System Function, Physical Activity and Physical Fitness in Older Adults
- Cost-Effectiveness Analysis Approaches to Compare Clinical Strategies
- Maternal Obesity, Gestational Weight Gain, and Child Cognition, Behavior, and Academic Achievement
- Factors Influencing End of Life Morbidity: An Epidemiological Evaluation of Population Aging Theories
- Global emergence and persistence of hypervirulent capsular group W sequence type (ST)-11 *Neisseria Meningitidis*
- Preeclampsia Risk, Maternal 25-Hydroxy Vitamin D Concentration, and Variation in Vitamin D Metabolism Pathway Genes
- Health Disparities between Whites and Japanese in Measures of Diabetes and Subclinical Atherosclerosis in an International Population-Based Study
- Fine Particulate Matter Air Pollution and Cardiovascular Disease
- Osteoporosis and Sarcopenia in Older Adults
- Anxiety Symptoms, Anxiolytic Medications, and Cognitive Impairment in Older Adults