University of Pittsburgh, Department of Epidemiology
Recent Doctoral Program Dissertation Titles

- Impacts of Adipose Tissue and Gut Microbiome on Diabetes Risk in African-Caribbean Men
- Association Between Muscle Function, Physical Performance, and Falls and Fall Injuries in Older Men
- Association Between Long-Term PM2.5 Exposure and Subclinical Atherosclerosis
- Novel Approaches to Diagnostics for Women at High Risk for Endometrial Cancer: A Holistic Approach
- Effects of Inpatient Rehabilitation on Long-Term Motor, Neurological and Functional Outcomes in Children with Severe Traumatic Brain Injury
- Excessive Gestational Weight Gain and Long-Term Maternal Cardiovascular Disease Health
- 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

• Acute 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


• 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 Meningitis
- 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

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