University of Pittsburgh, Department of Epidemiology
Recent Master’s Program Graduate Essay/Thesis Titles

- Socio-Demographic and Environmental Characteristics of Children Under 18 Years Seen for Asthma Exacerbation in the UPMC Children’s Hospital of Pittsburgh Emergency Department, 2017—2018
- Influenza Vaccine Effectiveness Among Outpatients in Pittsburgh: Combined Results from Five Seasons of the US Flu Vaccine Effectiveness Network Study 2011-2016
- The Benefits of Music and Physical Activity-Based Therapies for Early-Stage Alzheimer’s Disease
- Nonmedical Use of Prescription Opioids and Comorbid Mental Health Problems: A Literature Review
- Examining the Effect of Inorganic Arsenic Exposure on Muscle Quality Using the National Health and Nutrition Survey
- A Family Planning Clinic-Based Intervention: Effects of Provider-Delivered Education and Counseling for Intimate Partner Violence and Reproductive Coercion on Contraceptive Behavior in Women
- Elimination of Contact Precautions: Effect on Methicillin-Resistant Staphylococcus Aureus Outcomes
- Exploring Potential Risk Factors Associated with Interval Colorectal Cancer
- Neurocognitive Measures of Psychiatric Patients During Acute Illness
- Longitudinal Characterization of Headache After TBI and Potential Immunological Target
- The Genetic Determinants of the Cardiovascular Disease Biomarker: N-Terminal Fragment of pro-B-type Natriuretic Peptide (NT-pro BNP) The Role of Leptin in Cardiovascular Outcomes in Patients with Type 2 Diabetes: An Analysis of the Bypass Angioplasty Revascularization Investigation 2 Diabetes (BARI 2D) Trial Data
- An Examination of Racial Disparities in Healthcare Service Utilization and Outcomes Following Traumatic Brain Injury: A TRACK-TBI Pilot Study
- The Association of Objectively Measured Physical Activity on Blood Pressure and the Prevalence of Hypertension in African Ancestry Men
- Multimorbidity and Functional Capacity in Geriatric Patients with Cardiovascular Disease
- Neural Correlates of Postural Instability in Older Adults
- Predictors of Postoperative Delirium Among Patients Undergoing Total Knee Arthroplasty: A Literature Review
- The Association Between Phthalate Exposure and Newborn Anogenital Distance: A Review
- Heritability and Risk Factors for Perceived Physical Fatigability in the Long Life Family Study
- Subclinical CMV Viremia is Associated with Increased Nosocomial Infections and Prolonged Hospitalization in Patients with Systemic Autoimmune Diseases
- Relationship of Sleep Quality and Duration and Obesity in Afro-Caribbean Men
- Analysis of Comorbid Conditions Associated with Intrauterine Device Removal Within an Inpatient Population
- The Relationship Between Personality Changes and Amyloid-B in Cognitively Normal Older Adults
- The Impact of Physical Activity on Physical Function Outcomes in Older Adults at Risk for Diabetes
- The Association Between Telomere Length and Risk of Breast Cancer in Singapore Chinese Health Study
- Cyber Dating Abuse Perpetration: Evolving Methods of Adolescent Relationship Abuse Expression Through Technology
- An Analysis of Act 92: How Inpatient Admission Versus Observation Status Affects Cost of Care and Health Outcomes
- An Exploratory Analysis of the Relationship Between Aflatoxins and Growth Impairment in Children from Zambia
- Influence of Polypharmacy on 30-Day Readmission Rates Among Medicare Recipients
- A Comparison of 8-Hour Versus 12-Hour Shift Duration on Fatigue and Fatigue-Related Indicators in Emergency Medical Services and Related Shift Workers: A Systematic Review
- Prevalence, Risk-Factors, and Outcomes of Rifampicin-Sensitive and Rifampicin-Resistant Tuberculosis in the South Kivu Province, Democratic Republic of the Congo
- Health Literacy or Poverty: Associations with Medicaid Costs in Southwestern Pennsylvania
Demographics, Clinical Measurements, and Behavioral Predictors of Type 1 Diabetes Mortality in Rwandan Adults
Rabies Surveillance in Allegheny County, 2015-2016
Cost-Effectiveness Analysis of Biopsy Strategies for Endometrial Cancer Diagnosis in Women with Postmenopausal Bleeding: Pipelle Sampling Curette Versus Dilatation & Curettage
Pharmacological Treatments of Interstitial Cystitis: A Review of the Literature
Neural Correlates of Fatigability in Older Adults by 7T Magnetic Resonance Imaging (MRI)
The Effects of Aging on Platelet Bioenergetics
Trends Over Time in the Prevalence of Clostridium Difficile Within A Large Community Hospital Setting: 1997-2017
Relating Neuropathic Symptoms and Impaired Monofilament Detection to Knee Osteoarthritis Patients Following Total Knee Replacement
Interaction Between Ethnicity and Smoker Type: A Comparison of Daily and Intermittent African American and Caucasian Smokers
The Association of Climate, Socioeconomic Factors and Recent Incidence on the Cyclical Dengue Epidemic in Thailand, 2013
Marine n-3 Fatty Acid Intake, Glutathione S-Transferases (GSTs) Polymorphisms and Colorectal Cancer Risk: The Singapore Chinese Health Study
Homocysteine as a Biomarker of Subclinical Cardiovascular Disease Among Reproductive Age Women
Institutional Capacity for Obstetric Care and Its Association with Cesarean Section Rates in Mexico: A Risk Model Evaluation Approach
Emerging Waves of Carbapenem Resistance Among Gram Negative Pathogens at a Tertiary Center
Association of Perceived Stigma with Glycemic Control in Youth and Young Adults with Type 1 Diabetes in Rwanda
Sustained Obesity and Depressive Symptoms Over 6 Years: Race by Gender Differences in the Health and Retirement Study
Trends in Coal Miners’ Exposure to Coal Mine Dust Before and After Implementation of the Continuous Personal Dust Monitor and Reduced Exposure Limit
Cost Effectiveness Analysis of Out-of-Hospital Cardiac Arrest (OHCA) Management Strategies
Provider Perceptions of Rounding Checklists in UPMC Intensive Care Units
Explaining Health Disparities: Evaluating and Advancing Methodology
A Cross-Sectional Study on Asthma Hospitalization Rates and Unhealthy Air Quality Index Frequency in Pennsylvania
Association of Lipopolysaccharide-Binding Protein with Liver Fat in African Ancestry Men
Exploring Predictors of Loss-To-Care Among People Living with HIV
Relation Between Food Insecurity and Maternal Depression
The Association Between Cognitive Reserve and Time to Conversion from Normal Cognition to Mild Cognitive Impairment
Global Epidemiology of Group with Meningococcal Disease: Multifocal Emergence of Genetically Diverse Sequence Type (ST)-11 Strains
No Significant Association of N-3 Polyunsaturated Fatty Acids (PUFAs) with T-Helper Type 1 (Th1) Cells: Results from the Multi-Ethnic Study of Atherosclerosis (MESA)
A Systematic Review on Traumatic Brain Injury and Aggression in Community Samples
Quantifying the Impact of the Measles Vaccine by Estimating the Number of Measles Cases Prevented for Each State From 1962-2010
Trends in Cardiovascular Risk Factor Management in Type 1 Diabetes by Sex: The Pittsburgh EDC Study
Plasma Biomarkers Prediction on Chronic Obstructive Pulmonary Disease Progression
Maternal Sources of Stress Within Her Combined Individual and Neighborhood Environment and the Risk of Preeclampsia
How Veterans at an Elevated Risk for Suicide Perceive Their Mental Health Care: A Thematic Analysis
Dissemination of Diabetes Prevention Intervention in the Community: Development and Implementation of a Survey for Lifestyle Coaches Working in the Trenches
Twenty Years of Dengue Surveillance at a Ministry of Health Hospital in Kamphaeng Phet, Thailand, 1994-2013
Alcohol Consumption as a Mediator Between Alcohol Outlet Density and Traumatic Injury
• Mathematic Models of Subpopulation-Specific Sexual Interactions for HIV Transmission and Control
• Assessment of Potential Intermediate Risk-Factor Variables in the BARI 2D Clinical Trial Whose Trajectories Over 5 Years Act Against One Another: A Partial Explanation of the Non-Significant Association of Treatments with Survival
• Prevalence, Risk Factors and Outcomes of Multidrug Resistant Tuberculosis Identified by GeneXpert MTB/RIF Assay in Bukavu, Democratic Republic of the Congo
• Prefrontal Cortex Activation During Dual Task Conditions in Older and Younger Adults
• The Role of Vitamin D in Type 1 Diabetes Complications: A Cross-Sectional Analysis of the Pittsburgh EDC Study
• Rates and Risks Factors for Chlamydia and Gonorrhea Reinfection Among Adolescents: A Literature Review
• Spatial and Temporal Trends of Dengue Hemorrhagic Fever in Myanmar from 2004 to 2014
• Using Childhood Cancer Incidence Trends Over Time as a Surveillance Tool in Evaluating the Health Outcome Impact of Unconventional Shale Gas Development in PA
• Age-Adjusted Mortality Rates of Tobacco-Related Malignant Neoplasms in Allegheny County, State of Pennsylvania and the United States, 2012-2013