Poster Session 3, Thursday, June 20, 2019
6:00-7:00 pm

Aging
1020-S/P  Cognition, mood, and fecal microbiota composition in a population-based sample of older adults
Audrey Renson
1021  A Medicare claims-based frailty phenotype is associated with cognitive decline in community-based older adults
Bryan D. James
1022  Maternal dyslipidemia during early pregnancy and epigenetic aging of the placenta
Deepika Shrestha
1023-S/P  Cultural orientation and education as determinants of cognition and dementia among older Latinos in the Sacramento, California region
Erline E. Martinez-Miller
1024  Gender and socioeconomic disparities in health outcomes among older adults in Paraguay: Results from the Survey on Health, Well-being and Aging (SABE), Asuncion
Jakyung Lee
1025-S/P  Using Genetic Information to Identify Earliest Manifestations of Alzheimer's Disease: Genetic Risk for Alzheimer's Disease Predicts Lower BMI by Age 57
Willa D Brenowitz
1026-S/P  Epigenetic-based mortality risk score and three aging biomarkers: associations with mortality risks among older adult males
Xu Gao

Behavior
1030-S/P  The effect of delayed school start time on objectively measured adolescent sleep duration and quality
Aaron T Berger
1031-S/P  Sedentary time appears to decrease microbiome diversity and richness in Survey of the Health of Wisconsin participants
Elizabeth A. Holzhausen
1032  Healthy Lifestyle Behaviors and Health Insurance Status among US Adults: Findings from the 2017 Behavioral Risk Factor Surveillance System
Guixiang Zhao

Big Data
1033-S/P  Over-representation of Infectious Diseases in Patients with Fragile X Syndrome
Kun-Hsing Yu

Cancer
1040  Smoking status at time of cancer diagnosis and overall survival. A comprehensive population-based study of the ten most frequent cancers in Massachusetts, USA
Andreas Stang
1041-S/P  Post-diagnosis use of antihypertensive medications and the risk of death from ovarian cancer
Barbara N Harding
1042-S/P  Gastrointestinal cancer survival among atomic bomb survivors
Brandie Bockwoldt
1043  Dietary glucosinolates and isothiocyanates intakes, glutathione S-Transferase polymorphisms, and breast cancer risk: a case-control study in China
Cai-Xia Zhang
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<td>Interactions between polygenic risk score and non-genetic risk factors in young-onset breast cancer</td>
<td>Clarice Weinberg</td>
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<td>1046-S/P</td>
<td>Genes in the Folate Metabolism Pathway and Risk of Childhood Acute Lymphoblastic Leukemia</td>
<td>Ellen Hailu</td>
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<td>1047-S/P</td>
<td>Organochlorine pesticides, DNA methylation and breast cancer risk</td>
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<td>1048-S/P</td>
<td>Circulating markers of one carbon metabolism and endometrial cancer risk</td>
<td>Kara A. Michels</td>
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<td>Preferences for Primary Colorectal Cancer Screening Modalities: Korea National Cancer Screening Survey (KNCSS) 2017</td>
<td>Kyeongmin Lee</td>
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<td>1050-S/P</td>
<td>The relationship between adiposity and prostate cancer in a West African population: an analysis of the Ghana Prostate Study</td>
<td>Lauren Hurwitz</td>
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<td>1051-S/P</td>
<td>Trends in Incidence of Female Breast, Prostate, Lung and Bronchus, and Colorectal Cancers in the United States from 1999 to 2015</td>
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<td>Changes in fasting blood glucose and pancreatic cancer risk in Chinese males: a population-based prospective study</td>
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<td>Examining cancer screening disparities between African American and non - African American firefighters in Florida</td>
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**Cardiovascular**

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<td>Prevalence and Predictors of High Blood Pressure Among Guatemalan School-Age Children in 2017</td>
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<td>Effect of neighborhood socioeconomic status on the association between ionizing radiation and circulatory disease</td>
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<td>Performance of risk prediction scores for cardiovascular mortality in people 70 years or older: External validation and implications</td>
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<td>Associations between environmental quality and cardiovascular hospital admissions within the Medicare Population</td>
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<td>Current low-to-moderate-level mercury exposure and its associations with mortality in U.S. adults: a population based cohort study</td>
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**Diabetes**

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<td>Effects of Obesity on Progression of Diabetes Status in Young and Old High-Risk Japanese Male Workers: Multistate Analysis</td>
<td>Akihiko Narisada</td>
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Veterans with type 2 diabetes have increased risks of certain cancers in a large cohort of U.S. Veterans Health Administration

Andrew T. Chang

Participant and program factors associated with self-monitoring behaviors and Weight Loss among Medicaid Beneficiaries Participating in the Diabetes Prevention Program

Gabriela Vazquez Benitez

Housing stability and diabetes among New York City public housing residents who were affected by 9/11 disaster

Sungwoo Lim

**Environment/Climate Change**

Adverse Health Outcomes in Early Childhood (Birth-5 years) and Ambient Air Pollutant Exposures: A Systematic Review

Douglas Mejia

Pyrethroid pesticide use, urinary 3-phenoxybenzoic acid levels, and attention-deficit/hyperactivity disorder symptoms in preschool-age children: a repeated-measures children’s cohort study

Kyoung-Nam Kim

Prediction of Urinary Phthalate Metabolite Concentrations with Medication and Dietary Supplement Exposures

Thomas P. Ahern

Ambient Air Pollution and Objective Measures of Sleep Among Patients with Episodic Migraine

Wenyuan Li

**Genetics**

Associations of Maternal Blood Pressure Polygenic Risk Score with Fetal Growth

Tsegaselassie Workalemahu

**Global Health**

Evaluation of a School Based Comprehensive Sexuality Education Program among Very Young Adolescents in Rural Uganda

Katharine Bruce

Cultural postpartum practices and depression in rural Pakistan

Katherine LeMasters

The effect of household-based screening on blood pressure changes in South Africa: a population-based regression discontinuity study

Michael Garber

**Health Disparities**

Rural residence and chronic pain among middle-aged adults in the United States

Audrey Murchland

Neighborhood Socioeconomic Status Trajectory and Extreme Weight Changes

Dong Zhang

Algorithmic Identification of Dementia for Use in Race/Ethnicity Disparities Research in the Nationally-Representative Health and Retirement Study

Melinda Power

Identifying Potentially Preventable ED Visit Hotspots and Associated Factors of Primary Care Access in New York State

Kirsten Weisbeck

Geographic Variation in Referral for Kidney Transplant Evaluation among Dialysis Facilities in the Southeastern United States

Laura McPherson
Disparities in flu vaccinations: The case of Arab Americans in California
Nadia N. Abuelezam

Sexual orientation differences in menopause timing and symptoms
Nicole A. VanKim

Health Services/Policy
1120-S/P Evaluating the Effects of Sunday Liquor Sales Legalization on Alcohol Policy Attitudes and Alcohol Purchasing Behavior
Collin Calvert
1121-S/P Analysis of the risk of avoidable hospitalizations by individual- and neighbourhood-level socioeconomic status in Canada
Laura Rosella

HIV / STI
1130-S/P Knowledge and Attitudes on Expedited Partner Therapy for Chlamydia among Reproductive-Aged Women in Minnesota
Ashley Oglesby
1131-S/P Depression and incident HIV in adolescent girls and young women in HPTN 068: targets for prevention and mediating factors
Dana Goin
1132-S/P HIV risk profile of male partners of adolescent girls and young women in Lesotho: an analysis using a nationally representative sample
Ivy Mushamiri
1133 Latent Class Analyses for Rethinking Gender Identity and Sexual Orientation in Men who Have Sex with Men
M Kumi Smith

Infectious Disease
1140 Coinfection with Schistosomiasis and Hepatitis C: A Synergistic Association?
Amy E. Abruzzi
1141-S/P Epidemiology of Serratia spp. bloodstream infections among hospitalized children in the United States, 2009-2016
Angelia Anderson
1142-S/P Application of methods to control for time-dependent confounders affected by previous exposure in tuberculosis research: a systematic review
Carly A Rodriguez
1143-S/P Early weight loss and poor treatment outcomes among patients with tuberculosis and HIV
Lauren Saag
1144 Evaluation of the Elixhauser Comorbidity Index to predict risk of hospital-onset Clostridium difficile infection for application in an agent-based model of a regional healthcare system
Sarah Rhea
1145-S/P The Associations Between Tick-Borne Diseases Personal Protective Behaviors and Tick-Borne Diseases
Sina Kianersi
1146-S/P An outbreak of cholera due to consumption of “Abacha” in Oshodi Isolo Lagos State – August 2018.
Tosin Onasanya

Injuries/Violence
1150-S/P Factors related with ISS-75 calculated from autopsy records
Aníbal A. Teherán
Two-year changes in neighborhood juvenile arrests after implementing a park-based afterschool mental health promotion program in Miami-Dade County, Florida
Emily D'Agostino

Identifying and Characterizing Census Tracts with Elevated Opioid Overdoses
Idaho, 2010–2017
Bozena M Morawski

Socio-contextual determinants of racial/ethnic differences in firearm homicide and suicide rates in CA
Julia P. Schleimer

The association between weather and other ecological variables and the number of daily shootings in Chicago (2012-2016)
Paul Reeping

Gun Violence Restraining Orders in California: The First Three Years
Rocco Pallin

Mental Health

Longitudinal Relationships Between Multimorbidity and Depression in Older Men and Women: The International Mobility in Aging Study (IMIAS)
Afshin Vafaei

Screen time use in children with attention deficit/hyperactivity disorder in the United States
Vijaya Kancherla

Longitudinal Associations Between Symptom Domains of Attention Deficit-Hyperactivity Disorder and Body Mass Index from Late Childhood to Early Adulthood
Bezawit Eyob Kase

Effect of work-related stress on objective sleep quality and quantity: a longitudinal study among police officers
Claudia C. Ma

Using Random Forest to Identify Key Risk Factors for Early Psychiatric Rehospitalization
Jennifer Hoenig

Prevalence & 30 year trends in child & youth mental health need: Findings from the 2014 Ontario Child Health Study
Laura Duncan

The association between distance from living place to arterial road or rail track and postpartum depression in women: the TMM BirThree Cohort Study
Masato Nagai

Subsyndromal stress disorders and risk of arterial and venous cardiovascular events
Meghan L. Smith

Gender differences in psychiatric diagnoses in midlife adults who died by suicide
Pamela Jo Johnson

Neighborhood socioeconomic deprivation, violent crime, and nonfatal suicidal behavior among adolescents followed into emerging adulthood
Rise B. Goldstein

Postpartum Depressive Symptoms and Attendance at Possible Screening Venues, 2012-2015 – 8 PRAMS Jurisdictions
Sarah C. Haight

Age, period, cohort trends of suicide in Japan and Korea (1986-2015): A Tale of Two Countries
Shiho Kino

Neighborhood socioeconomic status predicts risk of self-harm among adolescent emergency department patients with psychiatric disorders
Karina Ornelas

Metabolomic markers of antepartum depression and suicidal ideation
Susanna D. Mitro
Associations Between Tinnitus Severity and Mental Health among US Veterans who use Veterans Affairs (VA) Healthcare: A National Survey
Tess A. Gilbert

Prolactin levels in antipsychotic-naïve/drug-free patients with first-episode psychosis versus patients at ultra-high risk for psychosis in Taiwan
Ya-Wen Shih

Suicide and non-fatal suicide attempt following organ transplants
Jaimie Gradus

Methods/Statistics

Assessing the strength of exchangeability assumptions for internal and external validity
Alexander Breskin

Non-Differential Misclassification of Exposure with Bias beyond the Null: A Simulation Analysis
Alyssa F. Harlow

Recent substance use and probability of unsuppressed HIV viral load among persons on antiretroviral therapy in continuity care
Catherine Lesko

Quantifying potential associations and bias for given directed acyclic graph
Chunsen Wu

Application of the instrumental inequalities to a Mendelian randomization study with multiple proposed instruments
Elizabeth W Diemer

Empirical Insights for Improving Sexual Assault Prevention: Early Evidence from a Cluster-Randomized Trial of IMPower and Sources of Strength
Evan Rosenman

Visual framework for teaching differences between comparative effectiveness analytics
Hayden Smith

Quantifying the Role of Foodborne Transmission in Human Salmonellosis using Routine Surveillance Data
Jessica Healy

Composite variables in context: Body mass index
Kellyn F Arnold

An alternative g-formula implementation for causal analyses in HIV Cohorts
Lan Wen

Precisely: an R package and Shiny web app for calculating sample size based on precision
Malcolm Barrett

Methods for Detecting Clusters of Disease Across Space and Time
Maria Kamenetsky

Randomized exposure to normalizing language does not significantly affect responses to a campus sexual violence survey among male students
Maya Luetke

Modeling Risk Behavior by the Censored Generalized Linear Finite Mixture Model
Nienke Dijkstra

Is the association between gestational weight gain and macrosomia an artefact of tautology?
Peter WG Tennant

Generalizing inferences about failure-time outcomes from randomized individuals to a target population
Sarah Robertson

On identification of agonistic interaction – Hepatitis B and C interaction on hepatocellular carcinoma
Sheng-Hsuan Lin
1197-S/P  Difference performance between convolutional neural network based on image only and that including demographic variables for detecting Tuberculosis on Chest X-ray
Yangwook Kim

**Neurology**

1200-S/P  The association between pre-existing anxiety and prolonged recovery after mild traumatic brain injury in children and adolescents
Alexia Martin

1201-S/P  Identification of environmental risk factors for pediatric-onset multiple sclerosis using machine learning
Cameron Adams

1202  Hearing difficulties, as reported by partner, and the risk for mild cognitive impairment and dementia
Maria Vassilaki

**Nutrition/Obesity**

1210-S/P  Food access in context: Testing spatial alternatives to food desert measures in the Minneapolis-St. Paul metro area
Emily Groene

1211  Concordance of children’s dietary intake as reported by parents via 24-hour dietary recall and ecological momentary assessment
Katie Loth

1213  Effect of racial/ethnic distribution on obesity trends among children aged 2-4 years enrolled in WIC during 2000-2016
Liping Pan

1214-S/P  Association of early introduction to solid foods with gut microbiota abundance and overweight/obesity status at 5 years of age
Moira K. Differding

1215-S/P  Maternal Diet Patterns in Early Pregnancy and Neonatal Anthropometry in the NICHD Fetal Growth Study-Singletons
Samrawit F. Yisahak

1216-S/P  Diet Quality and Periodontal Disease in Postmenopausal Women
Sarah E. Twardowski

1217  Do pregnant women change their diet and physical activity after gestational diabetes diagnosis? Findings from a longitudinal multi-racial U.S. prospective cohort
Stefanie N. Hinkle

**Occupational**

1220-S/P  Temporal Association of Prostate and Thyroid Cancer with World Trade Center Rescue/Recovery Work: A 14 Year Cohort Study
David Goldfarb

1221  Shift work and circadian activity rhythm among law enforcement officers
Desta Fekedulegn

1222  The Functional Movement Screen as a Predictor of Occupational Injuries among Denver Firefighters
Erin Shore

1223-S/P  Night and rotational work exposure within the last 12 months and risk of incident hypertension
Jacqueline Ferguson

1224  Crohn's disease is associated with exposure to toluene, but ulcerative colitis did not, during 500,000 person-years follow-up period.
Jin-Ha Yoon
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<td>Associations between Pregnancy Intention and Maternal and Offspring Health: A 2012-2015 Carolina PRAMS Analysis</td>
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<td>Characterizing timing of death and survival during and after extracorporeal membrane oxygenation interventions in a cohort of critically ill children</td>
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<td>Association between Adverse Childhood Experiences (ACEs) and Headaches among Children Age 3-17 Years using the National Survey of Children’s Health, 2016.</td>
<td>Fahad Mansuri</td>
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<td>Chronic medical conditions and perinatal mental illness: A population-based cohort study</td>
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<td>Prenatal and early childhood arsenic exposure and infectious disease outcomes in children aged 4-5 years</td>
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  Amani Hamad
1261  Comparative Safety of Chronic Macrolide Monotherapy and Inhaled Corticosteroids in Medicare Patients with Bronchiectasis
  Emily Henkle
1262-S/P  Selective serotonin reuptake inhibitors and type 2 diabetes in adolescents and youths
  Jenny Sun
1263-S/P  Is infectious mononucleosis a risk factor for suspected adverse events after HPV vaccination?
  Lene Wulff Krogsgaard
1264-S/P  The association between telmisartan and risk of cancer among new angiotensin II receptor blockers: retrospective cohort study
  Sungji Moon

Reproductive
1270-S/P  Intakes of fiber and phytoestrogens and risk of early natural menopause
  Alexandra Purdue-Smithe
1271  Multiple gestations mediate the effect of in vitro fertilization on ischemic placental disease
  Anna M. Modest
1272-S/P  Associations of depression, depressive symptoms, and psychotropic medication use with fecundability among men
  Craig McKinnon
1273-S/P  Modern contraceptives use and associated factors among women of reproductive age in Burundi: analysis of demographic and health survey data, 2016 – 2017
  Edouard Nkunzimana
1274-S/P  Urinary oxidative stress levels and reproductive outcomes among women undergoing fertility treatments
  Emma M. Rosen
1275-S/P  Depot medroxyprogesterone acetate contraceptive use and blood lead concentrations
  Kristen Upson
1276-S/P  Preconception sleep duration: Predictors and the association with time to pregnancy in a diverse urban cohort
  Linda G. Kahn
1277  Association of fecundability risk factors with mother’s age at participant’s birth in a North American study of pregnancy planners
  Olga Basso
1278-S/P  Modified Ferriman-Gallwey score and fecundability
  Sydney K. Willis

Respiratory
1280  The role of linoleic acid in asthma and inflammatory markers: a Mendelian randomization study
  Jie V Zhao

Social
1290-S/P  Educational gradients in stroke-related memory decline
  Chloe W. Eng
1291-S/P  Childhood socioeconomic status and executive functioning in young adulthood: Evaluating the role of postsecondary education
  Erin Delker
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<td>Race and income modify the effect of employment on adolescent cannabis initiation</td>
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**Substance Use**

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<td>Chelsea Canan</td>
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<td>Risk and Benefit Perceptions Predict Alternative Tobacco Product and Cigarette Switching among Adolescents and Young Adults</td>
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**Translational & Implementation Science**

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Women's Health

1320-S/P Validation of Women’s Self-Reported Infertility Diagnosis in the AfteR Treatment Follow-up Study
Alesia M. Jung

1321 Vaginal Microbiome Diversity and Vulvodynia
Bernard L Harlow

1322-S/P The association between back pain and mortality may differ by sex: a systematic review and meta-analysis of cohort studies
Eric J. Roseen

1323-S/P Female age at first sexual intercourse by birth cohort and rural-urban residence
Jaclyn Janis

1324-S/P Predictors of plasma concentrations of organochlorine pesticides among reproductive-aged Black women
Lauren A. Wise

1325-S/P Characteristics of women with hypertensive disorders of pregnancy and future cardiovascular diseases
Ugochinyere Vivian Ukah

Late Breaker

LB080 Chronic back pain and depression in Brazil: A national level study
S. Cristina Oancea

LB081 Recovery Deserts: Identifying Neighborhoods Underserved by Opioid Treatment and Recovery Services
Ayaz Hyder

LB082-S/P The association between periodontal disease and breast cancer in a prospective cohort study
Mengmeng Jia

LB083-S/P Evaluation of Sepsis Definitions in Immunocompromised Patients
Margaret Lind

LB084-S/P Seafood consumption is associated with greater follicular fluid arsenic and mercury concentrations in women undergoing IVF
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