Poster Session 3, Thursday, June 21, 2018
6:30 pm - 7:30 pm

Aging

1080 Quality of life scores are associated with incidence of cognitive impairments: Results from PREADViSE
Xiuhua Ding

1081-S/P Assessing the Role of Selection Bias in the Protective Relationship Between Caregiving and Mortality
Meghan L. Smith

1082-S/P The Frailty Phenotype in Visual Impairment: An NHANES Analysis
Moon Jeong Lee

1083-S/P Secular Trends of Mortality and Dementia-Free Life Expectancy Over a 10-year Period in France
Leslie Grasset

1084-S/P Community social capital and the improvement of functional ability among older people in Japan
Airi Amemiya

1085 Incidence, Risk Factors, and Sequelae of Post-Kidney Transplant Delirium
Mara McAdams DeMarco

1086-S/P Cognitive Change and Cancer Incidence in the Health and Retirement Study
Ekland Abdiwahab

1087-S/P Sex Differences in the Association between Pentraxin 3 (PTX3) and Cognitive Decline: The Cardiovascular
Health Study
Lindsay M. Miller

1088 The associations between hearing loss and tinnitus and quality of life at age 60 in the Newcastle Thousand Families Study
Mark Pearce

1089 Education Modifies the Relationship Between Height and Cognitive Function in a Population-Based Study of Older Adults in Rural South Africa
Lindsay Kobayashi

1090-S/P Cross-sectional and longitudinal associations between actigraph and self-reported sleep characteristics and cognitive function among older adults.
V. Eloesa McSorley

1091-S/P Underestimation of epigenetic age on the new methylationEPIC microarray
Radhika Dhingra

1100-S/P Utility of the Behavioral Assessment and Research Systems (BARS) in Measuring Attention Among Children Residing Near Coal Ash Storage Sites
Chisom Odoh

1101-S/P Leisure-time physical activity, but not occupational physical activity, is associated with lower insulin resistance: a cross-sectional study of Korean adults
Yongjoo Kim

1102-S/P Socioeconomic status and chronic disease risk behaviors among older adults in rural South Africa
Sarah M Frank

1103 Epidemiological Characteristics of Suicide Inpatients in Taiwan
Fu-Huang Lin

Big Data

1110-S/P Trends in incidence of colorectal cancer with obstructive sleep apnea in Taiwan: a 14-year long term descriptive study
Chang-Jung Shen

1111 Trends in the incidence and mortality rates of prostate cancer following changes in the prostate-specific antigen screening guidelines
Jeffrey M Slezak

Cancer

1120-S/P Associations of Herpesvirus Seroreactivity with AIDS-related Non-Hodgkin Lymphoma
Minkyo Song

1121-S/P Postmenopausal androgen metabolism and risk of endometrial cancer in the WHI-OS cohort
Kara A. Michels

1122-S/P Body mass index trajectories across the lifespan and prostate cancer risk
Eric Vallières

1123 Declining Incidence of Head and Neck Cancers, especially among Blacks
Gypsyamber D'Souza

1124 Parental age and risk of non-Hodgkin’s lymphoma in a Quebec birth cohort
Marie-Claude Rousseau
Differences in Quality of Life between Surgical and Radiotherapy Non-Small Cell Lung Cancer Patients using the SEER Medical Health Outcomes Survey (SEER-MHOS)

Rebecca Schwartz

The Role of Cellular Immune Responses in Cervical Carcinogenesis: A Systematic Review and Primary Tissue Analysis

Tamara Litwin

Segmenting learning with convolutional Neural Network to extract features and build the classifier: an application to endoscope image classification for treatment planning of cervical pre-cancerous lesions

Chia-En Chung

17β-Hydroxysteroid Dehydrogenase 1 and 2 as potential markers for tamoxifen resistance manifested by breast cancer recurrence

Lindsay Collin

Anatomical subsite can modify the association between meat and meat compounds and risk of colorectal adenocarcinoma: findings from three large US cohorts

Arash Etemadi

Estimating the cancer burden due to lifestyle factors among adults in Canada

Darren R. Brenner

Patient Reported Outcomes among Molecular Subsets of metastatic colorectal cancer patients

Shailesh Dvani

Inverse association of acute lymphocytic leukemia incidence and county elevation among preschool children in the United States

Frank Groves

Identifying lung cancer cases in the National Health and Aging Trends Study (NHATS) linked with Medicare claims data

Bian Liu

In utero exposure to Iodine-131 in Chernobyl fallout and risk of malignant and benign thyroid nodules

Maureen Hatch

Parental occupational exposure to pesticides, farm animals, and organic dust and childhood cancer risk: Findings from the international childhood cancer cohort consortium (I4C)

Deven Patel

Relationships of circulating insulin-like growth factor-I and binding proteins 1-7 with terminal duct lobular involution of the breast among women undergoing image-guided diagnostic breast biopsy in the BREAST Stamp Project

Manila Hada

Clinically occult prostate cancer (PCa) cases may distort the effect of testosterone replacement therapy on risk of PCa

Xiao Zhang

Survival in Head and Neck Cancer Stratified by HPV Status in SEER

Rebecca Ehrenkranz

Cardiovascular

The Association of Objectively Measured Sleep Quality with Retinal Microvasculature in Police Officers

Claudia C. Ma

An inverse association of proteinuria with mortality in incident hemodialysis patients

Manabu Hishida

Metabolic mediators of the relationship between adiposity and cardiac structure and function in UK adolescents

Alice R. Carter

The role of cardiovascular disease risk factor surveillance in women’s healthcare settings: Incorporating preventative care into reproductive health services

Jessica M. Madrigal

The relationship between lifestyle factors and the resolution of adolescent metabolic syndrome

Yi-Wen Lai

Interaction Between Anemia And High-impact Comorbidities in Heart Failure: A Population- Based Cohort Study

Johnbosco Umejiego

The association of renal uric acid reabsorption and excretion genes with adolescent hyperuricemia

Tun-Min Yang

Late Midlife Women with Higher Arterial Stiffness are More Likely to Have Greater Plaque Burden: Study of Women's Health Across the Nation (SWAN) Pittsburgh Site

Mindy L. Columbus

Inflammatory markers and future risk of peripheral artery disease

Ning Ding

Individual sociodemographic factors modify relations between measures of community context and change in HbA1c levels in individuals with type 2 diabetes

Annemarie G. Hirsch
The effects of periodontal care intervention on periodontal status and self-care behaviors in patients with Type 2 Diabetes Mellitus (T2DM): A pilot randomized control trail study
Yi-Ying Hsiao

Has the Skyrocketing Cost of Insulin Affected Glycemic Control in the US?
Mitra Mosslemi

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Prenatal Exposure to Polychlorinated Biphenyls and Body Fatness in Girls
Alice Wang

Neighborhood environment walkability scale in South American children and adolescents: Multilevel validation study
Augusto Cesar Ferreira De Moeas

Associations Between Ambient Ozone and Fine Particulate Matter Exposures and Autism Spectrum Disorder in Metropolitan Cincinnati
John Kaufman

Predictors of urinary phthalate metabolite levels in postmenopausal women
Katherine W. Reeves

Predictors of serum concentrations of polychlorinated biphenyls among reproductive-aged black women
Amelia K Wesselink

Air pollution and preterm birth: Do air pollution changes over time influence risk in consecutive pregnancies among low-risk women?
Pauline Mendola

Tropical storms and associated risk to all-cause, accidental, cardiovascular, and respiratory mortality in 78 United States communities, 1988-2005
Meilin Yan

Prenatal and early life exposures to air pollution and childhood development
Sandie Ha

Using Multiple Spatial Measures to Examine Pathways between Residential Green Space and Birth Outcomes in Portland, Oregon
Leanne Cusack

Genetics

Traditional and genetic risk score and stroke risk prediction in Korea
Sun Ha Jee

Trans-ethnic GWAS Meta-analysis identifies over 180 Genetic Loci for Serum Urate
Adrienne Tin

Global Health

The association between gut microbiota and anthropometric measurements in Bangladesh
Gwendolyn Osborne

The interaction effects of common genetic variants and environmental factors on hypercholesterolemia: A genome-wide association study
Yi Shian Liu

Effectiveness of strategies for implementing childhood vaccination programs in fragile countries
Faiza Rab

Age-period-cohort effect in marihuana use in three South American countries
Alvaro Castillo-Carniglia

The Chronic Kidney Disease Prognosis Consortium (CKD-PC): A Global, Collaborative, Individual Patient Data Meta-Analysis
Shoshana H. Ballew

Health Disparities

Racial and Ethnic Disparities in Stage at Presentation of Ewing Sarcoma: Results from the Florida Cancer Data System
Mohammad Alawad

Poverty and Invasive Group A Streptococcus Infections in Minnesota 1996-2016: Analyzing Social Disparity with the Use of Geocoding and Area-based Poverty Measures
Ishrat Kamal-Ahmed

Impact of organized colorectal cancer screening programs on socioeconomic and health-service related screening inequities: A study of three provincial programs in Canada
Alexandra Blair

Socioeconomic Disparities in Weight, Height and Body Mass Index in Childhood/Adolescence from 1953–2015: Findings from Four British Birth Cohort Studies
David Bann
Limited Health Literacy and Adverse Outcomes Among Kidney Transplant Candidates
Mara McAdams-DeMarco

Racial/ethnic variations in personal and home product use in pregnant women
Marissa C. Grenon

Comparing the roles of household and area poverty in the longitudinal youth fitness-school absenteeism association across gender
Emily M. D'Agostino

Socioeconomic Factors, Anemia And Their Effects on Mortality in Heart Failure
Johnbosco Umejiego

Estimating the effects of migration from Mexico to the US on self-rated health and mortality: a comparison of Mexican-born US residents and non-migrant Mexicans
Adina Zeki Al Hazzouri

Geographic disparity in access to deceased-donor liver transplantation
Mary Grace Bowring

Disparities, Multiple Primaries and Vitamin D
Amy E. Abruzzi

Health Services/Policy

Trends in eyecare access and affordability: The National Health Interview Survey (NHIS) 2008–2016
Varshini Varadaraj

Insurance status as an effect modifier on associations between prescription drug monitoring programs and trends in prescription opioid-related poisonings
Nathan Pauly

A three-tiered approach to choosing a causal inference method for estimating the effect of a primary care reform in Ontario, Canada
Nadia Sourial

HIV / STI

Achieving the first 90 for children: an ecological analysis of determinants of national early infant HIV diagnosis in 33 low and middle-income countries.
Daniel A. Adeyinka

Inter-jurisdiction migration after HIV diagnosis among persons living with HIV in the United States and dependent areas, 2015
Azfar-e-Alam Siddiqi

Estimating bias in hospitalization rates due to missing hospitalization data
Thibaut Davy-Mendez

HBV and HIV Coinfection among Men who have Sex with Men, Niger, 2015
Batoure Oumarou

Gender Differences in Antiretroviral Treatment (ART) and Fracture Risk among Patients with Human Immunodeficiency Virus (HIV)
Laura Bozzi

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Viral hepatitis among immigrants: a validation study of health administrative diagnosis and billing codes across Canada
Abdool S. Yasseen III

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Rebecca M. Guth

Outbreak investigation of measles in Farash Town, Islamabad, April 2017
Nadia Noreen

Modelling the Impact of Trachoma MDA on GU Chlamydia Using Transmission Models
S. Rae Wannier

Beau B. Bruce

Antimicrobial Resistance of Vibrio parahaemolyticus in Shanghai from 2014 to 2017
Yinghua Zhang

Homophily in observational studies of vaccine effectiveness
Paul Zivich

Comparison of serological and symptomatic diagnosis of Zika virus infection using the RVP neutralization assay on samples from Barranquilla, Colombia during the 2015 Zika Virus Outbreak
Brooke Talbot

Multiple Exposures, Reinfection, and Risk of Progression to Active Tuberculosis
Sarah Ackley
1240-S/P Where do U.S. adults report receiving the annual influenza vaccine? 
Patrick Maloney

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1250 Low Back Pain among Students in Relation to the Weight of School Bag
Abdullah Al-Taiar
1251 Income Inequality and Firearm Homicide: A National Study
Ali Rowhani-Rahbar
1252-S/P Geographic heterogeneity in firearm-related homicide trends in California, 2005-2016
Christopher Rowe
1253-S/P Comparing methods for detecting spatiotemporal clusters of homicide and firearm-related assault
Tigran Avoundjian
1254 Traumatic Brain Injury with Polytrauma: How Body Regions Injured and Injury Severity Influence Mortality
Rebecca Adeigbe
1255 Risk factors for morbidity and mortality following a firearm assault injury: a population-based retrospective cohort study
Veronica A. Pear

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Daniel A. Adeyinka

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Tammy Jiang
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Angela M. Bengston
1272 Imputation of time-varying covariates in a survival analysis
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Jonathan Platt
1274 Effectiveness of a Linkage to Mental Health Care Program after Hurricane Sandy
Samantha Schneider
1276-S/P Explaining the black-white depression paradox: interrogating mediation under the Environmental Affordances model
John R. Pamplin
1277-S/P Depressive symptoms at HIV testing and two-year survival among HIV-positive people who inject drugs in Vietnam
Sara N. Levintow
1278 Epidemiological characteristics of inpatient alcoholics with sleep disorders and factors affecting the changing status of repetitive hospitalization: A nationwide population-based study in Taiwan
Fu-Huang Lin

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1280-S/P Data science considerations for the development of visualization tools for confounding and selection-bias in longitudinal data
Erin Schnellinger
1281-S/P Identification of lifetime profiles of smoking intensities and association with lung cancer risks: Results from the ICARE case-control study
Emilie Lévêque
1282 Estimating bias due to informative censoring in multidrug-resistant tuberculosis cohort analyses: a simulation study
Meredith Brooks
1283-S/P Assessment of reported sedentary behaviour in children and adolescents: What are their reliability and validity?
Marcus Vinicius Nascimento-Ferreira
1284 Strategies for adjusting for urinary creatinine or serum lipids when exposure is measured on pooled specimens
Clarice Weinberg
1285-S/P Comparison of methods for estimating treatment effects on observational data
Lisa C Bosman
1286-S/P Improvements in the US lifespan from 1968 to 2015 as displayed in animated risk functions across time
Jacqueline Rudolph
1287-S/P Assessing the impact of parameterization assumptions on simulation models designed for transportability: an application to the effect of statins on life-expectancy
Eleanor Murray
1288-S/P Visualization tool of variable selection in bias-variance tradeoff for inverse probability weights
Ya-Hui Yu
Hypertension and Night Work: A Need for G-Methods

Jacqueline Ferguson
Diagnostic codes for chronic kidney disease staging may be useful for classifying individuals in administrative health care data

Jung-Im Shin
Factors associated with response over time in the Avon Longitudinal Study of Parents and Children

Rosie Cornish
Awareness of and Potential for Dependent Misclassification in the Epidemiologic Literature: A Systematic Review

Lynsie R. Ranker
Generalizability of subgroup effects

Marissa J. Seamans
Simulations comparing performance of matching methods to un-matched ordinary least squares regression under constant effects

Anusha Vable
In multiple bias analysis, does order of corrections really matter?

Julie M Petersen
Generalizing findings from randomized participants to all eligible individuals using clinical trials nested within cohorts

Sarah E Robertson
Leveraging Admission Laboratory Test Results to Predict Patient Severity of Illness

Natalia Blanco
Magnitude and direction of selection bias in the risk ratio and risk difference in the absence of a collider when exposure causes disease

Lyndsey A. Darrow
Bias due to time-varying exposure alters the direction of effect in a longitudinal cohort study

Andrea G Buchwald
Efficient Statistical Analysis for Task fMRI Studies

Lan Liu

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Prenatal and neonatal levels of inflammation and newborn DNA methylation

Edwina Yeung

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Vitamin D status and intakes and their association with cognitive trajectory in a longitudinal study of urban adults

May A. Beydoun
Racial and Ethnic Disparities in Treatment Outcomes of Patients Diagnosed with Ruptured or Unruptured Intracranial Aneurysms: 2002-2012 Nationwide Inpatient Sample

Hind Beydoun

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Foodborne illness in the elderly in Morocco: a 17-year retrospective study

Fatine Hadrya
Associations between Adiposity Measures and Serum Vitamin D3 Concentration in Police Officers

Ja K. Gu
Dietary patterns in a French-speaking population in Montreal, Canada and prostate cancer risk

Marie-Elise Parent
A joint model approach to dynamic prediction of the risk of class II/III obesity using longitudinally-measured body mass index: the International Childhood Cardiovascular Cohort (i3C) Consortium

Nanhua Zhang
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1380 The association of growth prior to kidney transplant with post-transplant kidney function among children with end-stage renal disease
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1381 Using The Capture-Recapture Method To Estimate The Prevalence Of Autism in NYC's Zero to Three Population
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1382 Delivery by cesarean section and risk of childhood asthma
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Elevated maternal cortisol levels and adverse perinatal outcomes: a nested case-control study

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Uncontrolled maternal chronic respiratory diseases in pregnancy increase the risk of anorectal malformations in offspring

Nel Roeleveld

Maternal Prepregnancy Obesity and Offspring Autistic Traits: Findings from the Avon Longitudinal Study of Parents and Children

Xi Wang

Evaluation of selection bias in studies of risk factors for birth defects among live births: evidence from the National Birth Defects Prevention Study

Dominique Heinke

High pre-conceptional homocysteine is associated with elevated risk of pregnancy loss among fertile folate-replete women with prior history of loss

Elizabeth DeVilbiss

Fetal Macrosomia, Maternal and Perinatal Morbidity Among Cree Populations of Eastern James Bay, Canada

Elisa Jean-Baptiste

Associations between delivery mode and child development at 20 mo of age in the Republic of Seychelles

Alexis E. Zavez

An Integrated Data System for School Health: Patterns of Health Service Use among New York City Children 2006-2013

Gerod Hall

Impact of Florida’s Prescription Drug Monitoring Program and Pill Mill Law on High-Risk Patients – A Comparative Interrupted Time Series Analysis

Irene Murimi

Kidney function, polypharmacy, and potentially inappropriate medication use in a community-based cohort of older adults

Alex Secora

Use of proton pump inhibitors after availability as over-the-counter drugs.

Anna-Therese Lehnich

A Reciprocal Association Between Longitudinal Trends of Buprenorphine/Naloxone Prescribing and High-Dose Opioid Analgesic Prescribing

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A randomized controlled trial of a contraceptive intervention on maternal and child outcomes: is it even feasible?

Katherine Ahrens

Factors Determining the Use of Intracytoplasmic Sperm Injection in Women without Male Factor Infertility

Xu Xiong

Predictors of Postpartum IUD Interest Within 6 Weeks after Delivery, Among Pregnant Women and Couples Counselling on LARC Methods in Kigali, Rwanda

Vanessa Da Costa

The association between maternal education and infant mortality: a mediation analysis into the roles of low birth weight, preterm birth and small for gestational age

Yongfu Yu

Missing: A review of the fetal demise burden associated with Zika virus

Susannah Leisher

Cesarean Delivery and Postpartum Readmission in the United States

Jenifer E. Allsworth

Evaluation of Lab-based Influenza Surveillance System in Pakistan, 2017

Nadia Noreen

Coal fly ash and asthma among children 6-14 years old

Jack Pfeiffer

Screening test for assessment of health state at risk in susceptibility phase on the natural history of disease among young-adults from a light of health promotion

Hideo Yamazaki
### Social

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