



JOHNS HOPKINS
BLOOMBERG SCHOOL
of PUBLIC HEALTH

Master of Public Health
Capstone Presentations
May 12, 2018

Program

Johns Hopkins Bloomberg School of Public Health

Baltimore, Maryland

MPH CAPSTONE SYMPOSIUM
SATURDAY, MAY 12, 2018

AGENDA

7:15-8:30AM ***COFFEE AND BAGELS*** – FEINSTONE HALL (E2030), 2ND FLOOR
(SESSION ONE PRESENTERS LOAD PRESENTATIONS ON COMPUTERS)

MORNING SESSION ONE

- 8:30-10:30AM EPI & BIOST METHODS FOR PUBLIC HEALTH & CLINICAL RESEARCH
CONCENTRATION I – **Rosa Crum & Hojoon Lee, Room W3008**
- 8:30-10:30AM EPI & BIOST METHODS FOR PUBLIC HEALTH & CLINICAL RESEARCH
CONCENTRATION II – **Marie Diener-West & Daniel Antiporta, Room W2008**
- 8:30-10:30AM EPI & BIOST METHODS FOR PUBLIC HEALTH & CLINICAL RESEARCH
CONCENTRATION III – **John McGready & Stephen Cristiano, Room W5008**
- 8:30-10:30AM HEALTH IN CRISIS & HUMANITARIAN ASSISTANCE CONCENTRATION I
– **Courtland Robinson & Shannon Doocy, Room W4030**
- 8:30-10:30AM HEALTH LEADERSHIP & MANAGEMENT CONCENTRATION – **Mark Bittle &
Anbrasi Edward, Room W2033**
(Students in this room must attend the MPH/MBA session, Room E9519 in the 11am-1:00pm session)
- 8:00-10:30AM HEALTH SYSTEMS & POLICY CONCENTRATION I – **Shannon Frattaroli & Paulani Mui,
Room W4007**
(Students in this room must attend Public Health Topics VI, Room W2030 in the 11am-1:00pm session)
- 8:00-10:30AM HEALTH SYSTEMS & POLICY CONCENTRATION II – **Shivam Gupta & Nukhba Zia,
Room E6519**
(Students in this room must attend the Public Health Topics VI, Room W2030 in the 11am-1:00pm session)
- 8:30-10:30AM PUBLIC HEALTH TOPICS I – **Keith West & Bisma Nejim, Room W2017**
(Students must return to this room to attend Public Health Topics VIII, in the 11am-1:00pm session)
- 8:30-10:30AM PUBLIC HEALTH TOPICS II – **Randy Bryant & Isaac Botchey, Room W4019**
(Students must return to this room to attend Public Health Topics VII in the 11am-1:00pm session)
- 8:30-10:30AM PUBLIC HEALTH TOPICS III – **Susan Tonascia & Raimee Eck, Room W2015**
(Students in this room must attend Infectious Diseases Concentration, Room E6519 in the 11am-1:00pm
session)
- 8:30-10:30AM PUBLIC HEALTH TOPICS IV – **Donna Strobino & Jordan Johns, Room W4013**
(Students must return to this room to attend Public Health Topics IX in the 11am-1:00pm session)
- 8:30-10:30AM PUBLIC HEALTH TOPICS V – **Andrea Ruff & Jeffrey Hardesty, Room W2030**
(Students must return to this room to attend Public Health Topics VI in the 11am-1:00pm session)

MPH CAPSTONE SYMPOSIUM
SATURDAY, MAY 12, 2018

AGENDA

10:30-11:00AM ***BREAK*** – FEINSTONE HALL, 2nd FLOOR
(SESSION TWO PRESENTERS LOAD PRESENTATIONS ON COMPUTERS)

11:00AM-1:00PM **MORNING SESSION TWO**

EPI & BIOST METHODS FOR PUBLIC HEALTH & CLINICAL RESEARCH
CONCENTRATION IV – **Rosa Crum & Hojoon Lee, Room W3008**

EPI & BIOST METHODS FOR PUBLIC HEALTH & CLINICAL RESEARCH
CONCENTRATION V – **Marie Diener-West & Daniel Antiporta, Room W2008**

EPI & BIOST METHODS FOR PUBLIC HEALTH & CLINICAL RESEARCH
CONCENTRATION VI – **John McGready & Stephen Cristiano, Room W5008**

GENERAL PREVENTIVE MEDICINE RESIDENCY PROGRAM – **Clarence Lam & Mary Carol Jennings, Room W2303**

HEALTH IN CRISIS & HUMANITARIAN ASSISTANCE CONCENTRATION II AND
CUSTOMIZED – **Courtland Robinson & Shannon Doocy, Room W4030**

INFECTIOUS DISEASES CONCENTRATION AND CUSTOMIZED – **Noreen Hynes & Clive Shiff, Room E6519**
(*Students in this room must attend Public Health Topics III, Room W2015 in the 8:30am-10:30am session*)

MPH/MBA and Customized– **Douglas Hough & Paul Whong, Room E9519**
(*Students in this room must attend Health Leadership & Management Concentration, Room W2033 in the 8:30am-10:30am session*)

PUBLIC HEALTH TOPICS VI – **Andrea Ruff & Nukhba Zia, Room W2030**
(*Students in this room must attend Public Health Topics V, Room W4007 in the 8:30am-10:30am session*)

PUBLIC HEALTH TOPICS VII - **Randy Bryant & Isaac Botchey Room W4019**
(*Students in this room must attend Public Health Topics II, Room W4019 in the 8:30am-10:30am session*)

PUBLIC HEALTH TOPICS VIII – **Keith West & Raimee Eck, Room W2017**
(*Students in this room must attend Public Health Topics I, Room W2017 in the 8:30am-10:30am session*)

PUBLIC HEALTH TOPICS IX – **Donna Strobino & Ayodeji Awopegba, Room W4013**
(*Students in this room must attend Public Health Topics IV, Room W4013 in the 8:30am-10:30am session*)

1:00-2:00PM ***LUNCH & AWARD ANNOUNCEMENTS*** – FEINSTONE HALL, 2ND FLOOR

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Epi & Biostat Methods for Public Health & Clinical Research Concentration I

W3008

8:30-10:30

Moderators: Rosa Crum

Hojoon Lee

Shayan Ahmed

Outcomes following open inguinal hernia repair in liver transplant recipients

Joseph Cheaib

Stage-specific Conditional Survival after Nephrectomy for Renal Cell Carcinoma

Arti Gharpure

Antibiotic dosage as a risk factor for Clostridium Difficile infection in hospitalized patients

YingChe Huang

Metabolic analysis of cancer progression risk in low-grade prostate cancer cohort

Radha Kanneganti

CAC, hsCRP, ABI and Family History of Coronary Artery Disease as Predictors of Incident Cardiovascular Events at Different Stages of Hypertension in the Multi-Ethnic Study of Atherosclerosis (MESA)

Elizabeth Salerno

The Role of Fatigability in Cognitive Performance in Cancer Survivors

Vinithra Varadarajan

Impact of substance use in management of hypertensive disorder

Bethel Woldu

Diastolic Dysfunction in HIV positive patients

Epi & Biostat Methods for Public Health & Clinical Research Concentration II

W2008

8:30-10:30 **Moderators: Marie Diener-West Daniel Antiporta**

- Katrina Duncan** *Patterns of Firearm Injuries and Firearm Injury Recidivism in Maryland, 2012-2017*
- Cusi Ferradas** *Risk Factors for Multidrug Resistant Staphylococcus spp in Domestic Animals*
- Aspen Flynn** *The relationship between the abundance of Vibrio parahaemolyticus and water temperature and salinity across space and time in the Hood Canal and South Puget Sound.*
- Oshin Kanwar** *Patient-reported Outcomes of Maxillofacial Trauma Management by Surgeon Specialty*
- Fadi Murad** *The Epidemiology of Thyroid Cancer in the Elderly*
- Ahmed Shakarchi** *The association between dual sensory impairment and mobility in older adults: a cross-sectional analysis in the Baltimore Longitudinal Study of Aging*
- Yao Yuan** *Do social and behavioral factors mediate the relationship between race and health outcomes in US breast cancer survivors?*
- Salvia Ejaz Hussain Zeeshan** *Impact of Intestinal Rehabilitation Program on Multiple Outcomes of Children with Intestinal Failure*

Epi & Biostat Methods for Public Health & Clinical Research Concentration III

W5008

8:30-10:30

Moderators: John McGready

Stephen Cristiano

Merve Gurakar

Risk Factors and Outcomes for Bowel Ischemia after Abdominal Aortic Aneurysm Repair

Alexandra Istl

Overall survival after chemoradiation for retroperitoneal sarcomas: a large database study

Sarah-Jane Kahn

Diffusion Tensor Imaging Identification of Risk Markers for White Matter Brain Injury in Infants with Hypoxic Ischemic Encephalopathy.

Jessica Raphaela Mirano

Modelling the factors associated with utilization of HIV prevention and treatment services among young MSM in the Philippines

Rachael Pellegrino

Patterns of retention in HIV care and factors associated with viral suppression in young adults age 18-30 living with HIV in the United States

Emilia Thurber

The Effect of Patient Comorbidities on the Benefits of a COPD Transitional Care Intervention

Lingzi Xu

Risk Factors for Caregiver Economic Burden in Schizophrenia Patients in Rural China

Sile Yu

The association between previous maternal stillbirth history and subsequent preterm birth

Health in Crisis & Humanitarian Assistance Concentration I

W4030

8:30-10:30 **Moderators: Courtland Robinson Shannon Doocy**

- Nickey Jafari** *Postpartum Care in HIV+ Mothers in the United States*
- Eustina Kwon** *Surgical safety checklist compliance and barriers to completion in mobile surgery program*
- Simona Atanasova** *Factors Associated with Self-Reported Utilization of Sexual and Reproductive Health Services among Roma Women in Macedonia* *a*
- Amelia Goldsmith** *Rapid Response Training Capacity in Low and Middle Income Countries*
- Elana Knight** *Militarization of the Sonoran: A global humanitarian crisis within our borders*
- Kayla Percy** *Forced Marriage Migration of Burmese Women and Girls into China*
- Elisabetta Thea Scognamiglio** *Evaluating the implementation of an integrated mental health and protection intervention for survivors of intimate partner violence in Nyarugusu Refugee Camp*
- Frederick Tolle** *Oakland's Ghost Ship Warehouse: Lessons Learned in Preparedness and Response*

Health Leadership & Management Concentration

W2033

8:30-10:30

Moderators: Mark Bittle

Anbrasi Edward

Mohammad Behbehani

Standardization of Inpatient Care in Kuwait Secondary Government Hospitals

Bao-Tram Do

Leadership in Public Health Advocacy

Jinfeng Peng

Strategies for Chinese Private Specialty Hospitals

Rachel Pinto

Epidemiology and care of maxillofacial injuries in Kenya

Prithvi Sankhla

Transforming Health System of India: By Improving Supply of Health professionals

Aaron Shapiro

Performance Measures for Primary Care Providers Treating Opioid Use Disorder in the United States

Salma Warshanna-Sparklin

Pathways of Influence: Mapping the Dissemination of Road Safety Evidence for Decision Making in Bogota, Colombia

Health Systems & Policy Concentration I

W4007

8:00-10:30 **Moderators: Shannon Frattaroli Paulani Mui**

Danielle DeCosta *Early Termination of Teenage Pregnancy Prevention Program: Implications for Practice and Policy*

Julia Group *An Analysis of the Potential Effectiveness of Gun Violence Restraining Orders at Preventing Mass Shootings*

Ann Marie Gustafson *Evaluating Drug Testing in Children Experiencing Suspected Neglect*

Craig Mehrmann *Whole Systems Healthcare: A Nonprofit Organization*

Vasanthakumar Namasivayam *Inter-Sectoral Score Card Development for Health in Rural Uttar Pradesh, India*

Emily Pedersen *Evaluating the Impact of Legislation on Adolescent Obesity through Literature Synthesis and Maryland Policy Recommendations*

Wai Jia Tam *Launching Kitesong Global, an International Social Venture*

Andrea Wallach *State-Level Gun Violence Restraining Order Policies: Analysis from 2014-Present Day*

Waruguru Wanjau *Literature Review on Willingness to Pay for Cataract surgery*

Rachel Hartsell *Jump In The Pool: A Policy Analysis of State Employee Health Insurance in Maryland*

Health Systems & Policy Concentration II

E6519

8:00-10:30

Moderators: Shivam Gupta

Nukhba Zia

Vinayak Bhardwaj

Cost effectiveness of Corrie app in reducing hospital readmissions for post-MI patients

David Buxton

Cost-effectiveness of an Integrated Pest Management Intervention to Decrease Frequency of Asthma Exacerbations Among Mouse-Sensitized Children

Ishan Dasgupta

Analysis of state efforts to combat opioid abuse using grants under the 21st Century Cures Act

Sarah Hoyt

Bundled Payments for Care Improvement in Orthopedic Surgery

Laura Keenan

An Analysis of Health Insurance in Maryland Since Implementation of the Affordable Care Act: Now and Looking Forward

Sarah LaFave

Analysis of the Attention Control Group for CAPABLE: Community Aging in Place - Advancing Better Living for Elders

Ashok Patibandla

A case study to evaluate individualized monitoring to improve Mother and Child Healthcare in Dhemaji, Assam

Jeffrey Rollman

U.S. FOOD AND DRUG ADMINISTRATION REGULATION OF TRANSMUCOSAL IMMEDIATE RELEASE FENTANYLS (TIRF'S): A NARRATIVE REVIEW

Allison Isaacson

Intimate Partner Homicide Portrayal in the Media in Maryland 2015-2017

Public Health Topics I

W2017

8:30-10:30

Moderators: Keith West

Besma Nejim

Shreya Desai

Effects of Large-scale Community health Programs on Coverage of RMNCH, Equity and Survival: A Review of the Literature

Cynthia Felix

Improving treatment of opioid use disorder in the Medicare program

Nicole Garbarino

Home visiting interventions to address childhood obesity: Gaps in the literature and future directions

Jasmine McClendon

Cochrane systematic review of interventions to reduce alcohol misuse in low- and middle-income countries

Nishit Patel

ASSESSING THE BURDEN AND OUTCOMES OF CRITICAL CARE IN THE UNITED STATES: A 5 YEAR ANALYSIS OF THE NATIONAL INPATIENT SAMPLE

Abeer Pervez

School-based Oral Health Education Programs in North America: A literature review

Roma Shah

Barriers to care-seeking among immigrant intimate partner violence and sexual violence survivors

Public Health Topics II

W4019

8:30-10:30

Moderators: Randy Bryant

Isaac Botchey

Saad Abdel Aziz

Predictors of Readmission Rates following Lung Transplant: Nationwide Analysis

Anja Fries

Evaluating Community Readiness for Population Health Models

Shikha Gandhi

Quantitative Analysis of Motor Activity in the Intensive Care Unit

Flannery McArdle

Engaging with Parents Using Social Media

Saznin Mehta

Using Entertainment Education to Reduce STD Risk Among College Women in the U.S.

Rasheedat Oke

Effects of Moderate Alcohol Consumption on Mortality in People with Non-Alcoholic Fatty Liver Disease (NAFLD)

Lavanya Rao

Investigating Instances of Mistreatment Against Community Health Workers in Rural Karnataka

Tara Von Mach

Risk and Protective Factors for Suicidal Behavior in Urban Children

Public Health Topics III

W2015

8:30-10:30

Moderators: Susan Tonascia

Raimee Eck

Jemma Alarcon

Needle disposal locations and practices in surrounding areas before and after the implementation of the Orange County Needle Exchange Program (OCNEP)

Oye Atambi

Care Coordination among Medicare Accountable Care Organizations

Cody Cichowitz

Readmission and death after acute care hospitalization among people with HIV in South Africa

Agostinho Emanuel Moreira d

An analysis of the SDG17 and its role on Mozambique's health institutional development

Cindy Sagoe

Factors that Drive the Cost of Quality Data Collection within Program Evaluations in Low and Middle-Income Countries

Deema Sahab

Evaluation of the effectiveness of incident reports feedback in improving patient safety

Akihito Yoshida

Trends in use of renal arteriography in the United States between 1997 and 2014

Zahra Zeinali

Intersectionality of gender and health systems' leadership

Public Health Topics IV

W4013

8:30-10:30

Moderators: Donna Strobino

Jordan Johns

Riyad Alghamdi

A feasibility study of a randomised controlled trial to identify optimal behavioural economic strategies to increase WIC redemptions by low income clients in Baltimore corner stores

Michael Benusic

Examining the relationship between obesity and income through the Big Cities Health Inventory

Hsing-Yuan Chang

Maternal Drug Use Before and During Pregnancy and Neonatal Abstinence Syndrome (NAS) In Boston Birth Cohort

William Garrett

Strengthening Mental Health Capacity in Baltimore Community-Based Organizations

Shreya Hariyani

Organizing the evidence for Water, Sanitation and Hygiene (WASH) as an interactive visual impact model of the health system

Sunny Sapehia

Analysis and overview of tools and indicators of disaster preparedness and response in US.

Kirsten Schlosser

Digital Health Technology in Humanitarian Settings: exploring the use of eHealth, mHealth, and telehealth in refugee and conflict settings

Angele Wafo

The Perception of Body Image and Obesity in African American Adolescent Girls: Potential Health Effects

Public Health Topics V

W2030

8:30-10:30

Moderators: Andrea Ruff

Jeffrey Hardesty

Usman Aslam

Pediatric Traumatic Injury Recidivism: Magnitude and Risk Factors from a statewide analysis

Samira Brooks

Prevalence of In-hospital Computed Tomography (CT)

Haruhiko Inada

Global Road Traffic Injury Mortality Trends: Estimating Projection for 2030

Caitlin Jelinek

Unmet Social Health of Immigrant Youth in Baltimore City

Colleen Shannon

Lower serum albumin is associated with increased risk of hospitalization and death in community-dwelling, older adults

Tamara Shedrack

Malaria burden in Africa following preventive strategies implementation

Kawahya Tizhe

Access to Healthcare services among Men having sex with men and female sex workers in Ivory Coast

Deepti Venkatraman

An Exploratory Study to Examine the Relationship Between Cancer Family History and Food Insecurity in an East Baltimore Public Housing Complex

Epi & Biostat Methods for Public Health & Clinical Research Concentration IV

W3008

11:00-1:00

Moderators: Rosa Crum

Hojoon Lee

Dayawa Agoons

Association of the CC Chemokine Receptor 5 delta 32 (CCR5Δ32) mutation with Subclinical Atherosclerosis in men with or at risk for HIV infection

Rebecca DiBiase

The Effects of Gravidity and Parity on Risk of Cognitive Impairment and Amyloid Plaque Deposition

Emily McPhee

Clinical Progression to AIDS Based on Viral Load Set-point in Different HIV-1 Subtypes

Sandeep Prabhu

The quantitative relationship between depression, alcohol use and illicit substance use on HIV viral suppression among men have sex with men (MSM) in India

Martin Skarzynski

Single Nucleotide Polymorphisms (SNPs) and Cancer Risk in the Atherosclerosis Risk In Communities (ARIC) Study

Sevly Snguon

Examining employment discrimination and attempted suicides in Baltimore and D.C. Trans Women of Color

Shabana Walia

Outcome Evaluation of a Novel Outpatient Psychiatry Program within the Johns Hopkins Healthcare

Epi & Biostat Methods for Public Health & Clinical Research Concentration V

W2008

11:00-1:00 **Moderators: Marie Diener-West Daniel Antiporta**

- Yardley Albarracin** *Moving towards better workforce planning in international organizations*
- Mariam Bhuiyan** *The Effects of Allopurinol on Pediatric Patients with Acute Lymphoblastic Leukemia (ALL) undergoing Maintenance Chemotherapy*
- William Coe** *Prenatal near roadway air pollution exposure and early neurodevelopment in young Mexican-American children: Findings from the CHAMACOS prospective birth cohort study*
- Ken Kitayama** *Glaucoma medications and functional outcomes using baseline data from the FIGS cohort*
- Lookman Mojeed** *Does Self-Efficacy Mediate the Relationship between Medical Mistrust and Engagment in HIV Services among Black men who have sex with men in Baltimore, MD?*
- Albert Osei** *Blood Pressure and its Potential Interaction with Natriuretic Peptide for Risk of End-Stage Renal Disease: The Atherosclerosis Risk in Communities (ARIC) study*
- Amanda Regodon Wallin** *The association between nausea, vomiting and poor appetite during pregnancy and birth outcomes in rural Nepal*

Epi & Biostat Methods for Public Health & Clinical Research Concentration VI

W5008

11:00-1:00

Moderators: John McGready Stephen Cristiano

Joe Amoah

Risk Factors for hypoglycemia among potentially over-treated older adults with type 2 diabetes

Rachel Chamanga Kanyenda

Birth Outcomes among HIV-infected and HIV- uninfected women in the Era of Universal HAART in Blantyre, Malawi: A Registry study

Sarah Dudgeon

Opioid Use in Washington State After Legalization of Cannabis

Johannes Scheppach

Consistency of the association between eGFR and albuminuria with all-cause mortality in the GCKD cohort by cause of kidney disease

Jackson Ward

A Risk Factor Analysis of Coagulase Positive Staphylococcus Aureus Recovery in Mid-Atlantic City Schools

David Yu

Colon cancer survival by sub-site: a retrospective analysis of the National Cancer Database

General Preventive Medicine Residency

W2303

11:00-1:00

Moderators: Clarence Lam

Mary Carol Jennings

Renee Barlev

Evaluation of the PHQ-2 and PHQ-9 in Primary Care

Anne Gaddy

Accounting for a Small Non-Profit

Natalia Golub

Looking Upstream: Building Networking Skills to Address Social Determinants of Health in Resettled Refugees

Matthew Hudson

Transit Deserts in Baltimore: Assessing a Possible Association between Transit Supply Deficit and Student Tardiness at a Baltimore Charter School

Nithin Paul

Of Bars & Corner Stores: Drinking Towards Racial and Economic Segregation- An Alcohol Outlets Clusters and Neighborhood Demographics Analysis in Baltimore

Tony Zhou

Epic Template Design in Assessing Quality in an In-School Clinic

Health In Crisis & Humanitarian Assistance Concentration II and Customized

W4030

11:00-1:00 **Moderators: Courtland Robinson Shannon Doocy**

Vito Castelgrande *Analysis of the Global Compact on Refugees / Global Compact for Migration*

Grace Chiang *Frailty and the Incidence of Dementia Subtypes*

Mohammad Darwish *Integrating refugees into national health system in Lebanon: Enhancing equity and strengthening sustainable health services for all*

Eleanor Fitall *Supporting Caregiver Education: Use of Hospital Websites to Implement the CARE Act*

Monica Guerrero Vazquez *Designing a quality improvement model for programs serving Latino immigrant youth: the Teen Testimonios project*

Albert Liu *Baseline Frailty Predicts Accelerated Age-related Cognitive Declines Across Domains in Healthy and MCI Older Adults*

Lindsay Peters *Infant Breast Feeding Practices among Syrian Refugees and IDPs*

Rebecca Twombly *An Overview of the Monitoring System of the Nepal Suaahara II Program*

Infectious Diseases Concentration and Customized

E6519

11:00-1:00

Moderators: Noreen Hynes

Clive Shiff

- Adeola Ayedun** *I Want the Kit (IWTK): Acceptability of and Characteristics of Users of An Internet Based Program for At-Home Self-Testing for HIV*
- Ashwin Belludi** *Barriers and Facilitators of PrEP among key populations in India*
- Kelly DeToy** *Diagnosis of chronic Chagas Disease*
- Austin Price** *Experiences of Stigma and Reintegration Struggles of African Ebola Survivors: A Systematic Review of the Current Literature*
- Ruchee Shrestha** *Evaluation of public health methods of monitoring and interventions against cholera in Yemen (2016 - present)*
- Larissa Assam** *Establishing Operative Competence Guidelines for Residents throughout Training*
- Pamela McDonald** *Qualitative Analysis of the Impacts of SB-277 on Home School Families in California*
- Aaron Parzuchowski** *Proposal for Prescription Drug Cost Inclusion in Accountable Care Organization Payment Model*

MPH/MBA and Customized

E9519

11:00-1:00

Moderators: Doug Hough

Paul Whong

Jonathan Crowe

Adopting New Risk Adjustment Strategies for the Health Exchanges

Eryn Eby

Integration of UNICEF Kenya Nutrition Supply Chain: A Cost Analysis

Margaret Hannah

Pediatric Disaster Preparedness

Michelle Holshue

Outreach Program Plan: Society for the Advancement of Disaster

Genevieve Kelly

Evaluating the Cost-Effectiveness of Sanitation Programming

Sara Ku

Drug Pricing Elasticity

Amelia McDonough

Supporting civil society as government accountability advocates: A review of strategies and implications for donor transitions

Donna Unke

Implementation Analysis from an RCT Evaluating a Teen Pregnancy Prevention Program for Native American Communities

Public Health Topics VI

W2030

11:00-1:00

Moderators: Andrea Ruff

Nukhba Zia

Ameneh Amini

Influences of Epigenetics and environment on gut microbiome and it's relation to disease state in the pediatrics population.

Stacey Harcum

Resting state connectivity in stroke survivors undergoing robotic upper limb therapy

Rialda Kovacevic

Nasal Microbiome and Risk of Infection After Elective Surgery

Nicole Lightman

Review of Reproductive, Maternal, Newborn, Child, and Adolescent Health and Nutrition Service Delivery in South Sudan: Using a Health Systems Framework

Peter Merkt

Translating entomological data collection into public health action in Barranquilla, Colombia

Gita Nadimpalli

Perceptions of oncology patients and their providers' regarding infection prevention: towards the development of an educational tool

Romina Wingert

Understanding spectacle wear non-compliance among children and adolescents, a literature review

Public Health Topics VII

W4019

11:00-1:00

Moderators: Randy Bryant

Isaac Botchey

Lauren Havens

Proposal to Evaluate the Impact of a 20 Week After-school Program for Elementary Boys on Social and Emotional Skills and Constructs of Masculinity

Muskaan Khosla

Impact of epidural analgesia on surgical outcomes after elective open ventral wall hernia repair: A NSQIP Analysis

Aparna Krishnan

Critical components of community health worker pregnancy-related service delivery for uptake of skilled birth attendance: a multi-country study

Andrew Lahn

Strategically Planning and Disseminating BeSure Baltimore Project Research Data to Better Engage Community

Tomomi Matsushita

Health facility readiness to provide routine and emergency newborn care in six low-income countries

William Mould

The effects of perihematomal edema on hemorrhagic stroke patients and outcomes

Owen O'Neill

Exposure to Bentonite Dust by Compressed Air Tunnel Workers: A Respiratory Public Health Risk for Pneumoconiosis and Silicosis

Public Health Topics VIII

W2017

11:00-1:00

Moderators: Keith West

Raimee Eck

Olufemi Erinoso

Effect of Surgeon and Hospital volume on open and endovascular aneurysm repair

Daniel Hindman

A Descriptive Study of Latinos in Assisted Housing in the United States Based on the 2011 American Housing Survey

Young Shin Kim

Cognitive interviewing in the Development of the Consumerist Attitudes in Healthcare Survey (CAHS)

Leslie McAhren

Retention of a Workforce for the Practice Of Medicine: Employment and burnout in hospital-based physicians, nonpracticing physicians, and Self-Employed physician early retirement

Bahar Roshanmanesh

Osteoarthritis and obesity: How does weight loss in a clinic setting impact function?

Kavya Sanghavi

Real Time Surveillance at Large-Scale Events: A Literature Review of Optimal Indicators to Detect Gastrointestinal Outbreaks and Trauma Episodes

Joshua Wadlin

Informing implementation of the Family Spirit program for Native American mothers

Timothy Werwie

A mixed-method analysis of individual and community normative factors associated with gender-based violence in Senegal

Public Health Topics IX

W4013

11:00-1:00

Moderators: Donna Strobino

Ayodeji Awopegba

Ariel Caldwell

Systematic review of evidence on the effectiveness of school-based water, sanitation, and hygiene interventions in Africa

Alexa Curhan

Informant Discrepancies in Internalizing and Externalizing Symptoms in an At-Risk Sample: The Role of Parent, Teacher, and Youth Characteristics

Mackenzie Manne

Addressing antibiotic misuse in Bangladesh: protocol for formative research

Anne McKenna

Screening for Common Perinatal Mental Disorder in South Africa: Policy Briefing and Advocacy Outcomes

Nobutoshi Nawa

Effects of parental anxiety on child growth: results from the Avon Longitudinal Study of Parents and Children (ALSPAC)

Alejandro Ochoa

Is glaucoma associated with sleep disorders in a nationally representative sample of adults in the United States?

Varuna Srinivasan

A mixed methods study on barriers to care seeking for Maternal Care in Kenya

Sandra Talero

Effect of Epilation on the Outcome of Trachomatous Trichiasis Surgery in Ethiopia

Master of Public Health Capstone
AWARD RECIPIENTS
May 2018

Special honors are given to the 12 students listed below for the best overall capstone written projects.
These students will receive an MPH capstone award plaque for outstanding achievement.

Hana Bao

“Extreme Air Pollution in Ulaanbataar, Mongolia: Review of the Problem and Potential Solutions”

Capstone Advisor: Paul Gaist \ Faculty Advisor: Paul Gaist

Hsing-Yuan Chang

“Maternal Drug Use Before and During Pregnancy and Neonatal Abstinence Syndrome (NAS) In Boston Birth Cohort”

Capstone Advisor: Xiaobin Wang \ Faculty Advisor: Mary Cwik

William Coe

Louis Fink MPH Capstone Award – Recipient of \$500 prize

“Prenatal Near Roadway Air Pollution Exposure and Early Neurodevelopment in Young Mexican-American Children”

Capstone Advisor: Heather Volk \ Faculty Advisor: Mary Catherine Beach

Sumona Datta

“Tuberculosis and Wellbeing: A Quantitative Assessment in Peruvian Shantytowns”

Capstone Advisor: Robert Gilman \ Faculty Advisor: Robert Gilman

Pamela Gutman

“Smokeless Tobacco Use and Perceived Cancer Risks Among American Indians in the Cherokee Nation”

Capstone Advisor: Joanna Cohen \ Faculty Advisor: Allison Barlow

Lauren Havens

“Proposal to Evaluate the Impact of Boys Run I toowú klatseen”

Capstone Advisor: Anne Riley \ Faculty Advisor: Anne Riley

Albert Liu

“Baseline Frailty Predicts Accelerated Age-related Cognitive Declines Across Domains in Healthy & MCI Older Adults”

Capstone Advisor: Qian-Li Xue \ Faculty Advisor: Qian-Li Xue

Anne McKenna

Overall Best MPH Capstone Award - Recipient of \$500 Prize

“Screening for Common Perinatal Mental Disorder in South Africa: Policy Briefing and Advocacy Outcomes”

Capstone Advisor: Judith Bass \ Faculty Advisor: Anbrasi Edward

Yoshihiko Raita

“A Femoral versus Jugular Venous Catheter Placement and Risk of Catheter-related Infection and the Effect Modification by BMI on the Association between Catheter Site and Infectious Events”

Capstone Advisor: Aaron Milstone \ Faculty Advisor: Aaron Milstone

Joseph Reardon

“Emergency Medicine Physician Residency Modernization: Implementation and Public Health Assessment”

Capstone Advisor: William Brieger \ Faculty Advisor: Robert Black

Lei Wang

*“Exercise Interventions on Fatigue for Women with Breast Cancer during Active Treatment:
A Systematic Review and Meta-analysis”*

Capstone Advisor: Roberta Scherer \ Faculty Advisor: Corinne Joshu

Jessica Whitley

Department of Environmental Health and Engineering MPH Capstone Award – Recipient of \$300 prize

*“Consideration of Spatial Accessibility and Fast Food/Carry-Out Distribution in Assessing
the Neighborhood Food Environment”*

Capstone Advisor: Joel Gittelsohn \ Faculty Advisor: Lisa Cooper