



JOHNS HOPKINS
BLOOMBERG SCHOOL
of PUBLIC HEALTH

Master of Public Health
Capstone Presentations
May 7, 2016

Program

Johns Hopkins Bloomberg School of Public Health

Baltimore, Maryland



A CENTURY OF SAVING LIVES
MILLIONS AT A TIME

MPH CAPSTONE SYMPOSIUM
SATURDAY, MAY 7, 2016

AGENDA

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

MORNING SESSION ONE

- 8:15-10:30AM EPI & BIOST METHODS FOR PUBLIC HEALTH & CLINICAL RESEARCH
CONCENTRATION I – **Rosa Crum & Youssef Farag, Room W3008**
- 8:15-10:30AM EPI & BIOST METHODS FOR PUBLIC HEALTH & CLINICAL RESEARCH
CONCENTRATION II – **Marie Diener-West & Shalini Selvarajah, Room W2008**
- 8:30-10:30AM EPI & BIOST METHODS FOR PUBLIC HEALTH & CLINICAL RESEARCH
CONCENTRATION III – **John McGready & Leonardo Collado Torres, Room W2015**
- 8:30-10:30AM FOOD, NUTRITION & HEALTH CONCENTRATION AND CUSTOMIZED –
Keith West & Shirin Wadhvaniya, Room W2017
(Students must return to this room to attend Public Health Topics VII, in the 11am-1:00pm session)
- 8:30-10:30AM HEALTH IN CRISIS & HUMANITARIAN ASSISTANCE CONCENTRATION
– **Courtland Robinson & Shannon Doocy, Room W4030**
(Students must return to this room to attend Public Health Topics VI, in the 11am-1:00pm session)
- 8:30-10:30AM HEALTH LEADERSHIP & MANAGEMENT CONCENTRATION I – **Eric Ford & Raimee Eck, Room W2030**
- 8:30-10:30AM HEALTH SYSTEMS & POLICY CONCENTRATION I – **Shannon Frattaroli & Paulani Mui, Room W2033**
- 8:30-10:30AM INFECTIOUS DISEASES CONCENTRATION I – **Noreen Hynes, Kenrad Nelson, Clive Shiff & Neal Halsey, Room W4007**
(Students must return to this room to attend Infectious Diseases Concentration II and Public Health Topics V in the 11am-1:00pm session)
- 8:30-10:30AM MPH/MBA I – **Gregory de Lissovoy & Paul Whong, Room E9519**
- 8:30-10:30AM PUBLIC HEALTH TOPICS I – **Randy Bryant & Mervyn Christian, Room W3030**
(Students in this session must attend Public Health Topics VI, Room W4030 in the 11am-1:00pm session)
- 8:30-10:30AM PUBLIC HEALTH TOPICS II – **Susan Tonascia & Danielle Edwards, Room W3011**
(Students in this room must attend Public Health Topics VII, Room W2017 in the 11am-1:00pm session)
- 8:30-10:30AM PUBLIC HEALTH TOPICS III – **George Rebok & Josiah Kephart, Room W4013**
(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 IV – **Andrea Ruff & Ayodeji Awopegba, Room W4019**
(Students must return to this room to attend Public Health Topics IX in the 11am-1:00pm session)

MPH CAPSTONE SYMPOSIUM
Saturday, May 7, 2016
(CONTINUED)

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

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

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

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

EPI & BIOST METHODS FOR PUBLIC HEALTH & CLINICAL RESEARCH
CONCENTRATION VI – **Susan Tonascia & Leonardo Collado Torres, Room W2015**

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

HEALTH LEADERSHIP & MANAGEMENT CONCENTRATION II – **Anbrasi Edward & Besma Nejjim, Room W2030**

HEALTH SYSTEMS & POLICY CONCENTRATION II– **Shivam Gupta & Chike Nwabuo, Room W2033**

MPH/MBA II – **Gregory de Lissovoy & Paul Whong, Room E9519**

INFECTIOUS DISEASES CONCENTRATION II AND PUBLIC HEALTH TOPICS V – **Noreen Hynes, Kenrad Nelson, & Neal Halsey, Room W4007**

PUBLIC HEALTH TOPICS VI - **Courtland Robinson, Shannon Doocy, Room W4030**

PUBLIC HEALTH TOPICS VII – **Keith West & Mervyn Christian, Room W2017**

PUBLIC HEALTH TOPICS VIII – **George Rebok & Josiah Kephart, Room W4013**

PUBLIC HEALTH TOPICS IX – **Andrea Ruff, Edyth Schoenrich & Danielle Edwards, Room W4019**

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

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Wilde, Gretchen	8:30-10:30	W4019	22
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Youn, Sarah	11:00-1:00	W2033	28
Yune, Sehyo	11:00-1:00	E9519	34
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Epi & Biostat Methods for Public Health & Clinical Research Concentration I

W3008

8:15-10:30

Moderators: Rosa Crum

Youssef Farag

Hojoon Lee

Application of Early Aberration Reporting System (EARS) Methods to seasonal influenza report in Mexico (2007-2014)

Gowtham Grandhi

Is urinary succinate associated with incident type 2 diabetes mellitus?

Hui Ling Agnes Hoe

Exploring spatial-temporal variation in Aedes aegypti mosquito population in Brazil and linking these sources of variation to environmental determinants and to the timing of dengue outbreaks

Katherine Rosettie

Gender differentials in household headship and their association with stunting and wasting in children under five in Kenya and Cambodia

Michelle Sun

Impact of glaucoma and dry eye on text-based search

Elizabeth Toure

Using remotely-sensed satellite data to characterize focal malaria transmission in Southern Zambia

Laurence Gunde

Blood Pressure in an HIV Serodiscordant Couples Cohort in Malawi (HPTN 052)

Komal Kumar

A Pilot Study of Donor: A Smart Phone Application for Identifying Live Organ Donors

Daniel Hostetler

Geospatial Analysis of Youth Suicidal Behavior in an American Indian Community

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

W2008

8:15-10:30

Moderators: Marie Diener-West Shalini Selvarajah

Mary Quinn

Characteristics of district hospital neonatal care and success of CPAP implementation in Malawi

Eshan Patel

Penile Inflammation and Viral Shedding from Male Circumcision Wounds: A Prospective Study in Rakai, Uganda

Basant Motawi

Violence against women in Afghanistan

Ralph Hachem

Effects of smoking on LV Remodeling

Tanuja Rajan

Is the association found between Inflammatory biomarkers and Subclinical Cardiovascular Disease also associated with Neurocognitive Dysfunction among HIV infected and HIV uninfected patients.

Prince Nuamah

Prevention and Management of Hand injuries among Instrumental musicians

Omar Harfouch

Correlation between use of dating websites and apps and incidence of HIV, substance use and depression in MSM in Senegal

William Menson

IMPACT OF CBIO-CG APPROACH ON DIARRHEA AND NUTRITION-RELATED ATTITUDES IN HUEHUETENANGO, GUATEMALA ♂

Tehreem Rehman

Does parental mental health status mediate or moderate child mental health status?

Epi & Biostat Methods for Public Health & Clinical Research Concentration III **W2015**

8:30-10:30 **Moderators: John McGready Leonardo Collado Torres**

- Sheila Razdan** *The association between health facility delivery and completion of essential newborn care in Guatemala*
- Peizi Li** *The effect of age and generational cohort on refractive error distribution in older adults: a historical analysis in the Framingham Eye Study.*
- Natalia Ramos Hernandez** *Early Life Exposure to Folate and the Development of Asthma in Childhood*
- Sarah Lee** *Evaluating the effects of frequency of different partners and type of sexual acts—using two differently designed questionnaires—on HIV incidence within a high risk cohort in Africa (Uganda, Kenya, Tanzania) and Thailand.*
- Paulomi Dave** *To determine association between cognitive resource and reading speed in patients of Glaucoma and Dry eye*
- Oyintayo Ajiboye** *National trends in the treatment of diabetic nephropathy*
- Deborah Alema-Mensah** *Predictors of Mortality among HIV-infected Adults on Antiretroviral Therapy in Soweto, South Africa*
- Brittney Davis** *Validation of a model for predicting risk of breast cancer based on questionnaire-based factors in a prospective cohort in the UK*

Food, Nutrition & Health Concentration & Customized

W2017

8:30-10:30

Moderators: Keith West

Shirin Wadhvaniya

Jennifer Hutain

Access to Malaria Treatment Services in Bauchi, Nigeria

Daniello Sepe

The Effects of Menu Labeling on Consumer Behaviors

Dane Moran

Assessing the impact of improving vehicle design on the burden of pedestrian injuries in SE Asia

William Hebert

Promoting Resilience Through Effective Disaster Risk Communication

Joelle Johnson

Healthy and Sustainable Diets in the United States: the application of a policy analysis framework to the Agricultural Act of 2014

Daniel Antiporta Penaloza

Acculturation as a moderator in the association between poverty and obesity among Hispanic Americans during the early years of life

Anne Welde

Assessing Meat Producers' Commitments to Reducing Antibiotic Use

Health in Crisis & Humanitarian Assistance Concentration

W4030

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

Khay Mar Aung *Child early and forced marriage, Kachin State, Burma*

Elsy Dumit *The deterioration of the health care system, and its implications on human rights, in Yemen*

Namquyen Le *Ebola Crisis: A Retrospective on the Coverage*

Robert Malanga *The Role of Wearable Technology in Disaster Response: Our Current Progress*

William Cherniak *Visiting Students in Global Settings: Host and Partner Perspectives on Desired Student Outcomes*

Emily Hylton *Measuring and monitoring rates of trafficking and child labor for Syrian refugees in the proposed expanded construction, agriculture, apparel, and food and beverage sectors in Jordan: Background and Justification*

Fatima Reynolds *Analysis of the Ongoing Colombian Peace Negotiations and Its Implications for the Protracted Displacement Crisis*

Health Leadership & Management Concentration I

W2030

8:30-10:30

Moderators: Eric Ford

Raimee Eck

Christine Kaufmann

The association between wealth & health: Assessing the impact of geographic verses individual income measures on health care utilization /

Apoorva Pradhan

Does Couple Relationship Quality (defined in various ways) Predict Joint Financial Decision-making in Benin?

Braveen Ragunathan

Impact of Integrated Mental Health Services on Pediatric Residents' Perceptions & Practices in Continuity Clinic

Han Win Htat

Positioning Myanmar for Achieving Universal Health Coverage Goals by 2030: A Multistakeholder Expert Perspective of Current Health Systems and Future Trends

Divya Shridharmurthy

Assessing Life Satisfaction among Adolescents in India

Mansoor AlSaleh

The Association Between Improving Patient Experience and Healthcare-related Outcomes: A Review of the Literature

Kyle Cunningham

Evaluation of Need-based Criteria in Trauma Center Accreditation

Health Systems & Policy Concentration I

W2033

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

Lauren Gard *Evaluating the Healthy Working Families Act Campaign*

Hugh Nabers *Analysis of policies to prevent the closure of rural hospitals*

Hector Hernandez-Delgado *An In-Depth Analysis of the Causes of Puerto Rico's Healthcare Crisis and Alternative Policy Solutions*

Caroline Picher *Analysis of Access to Medication Assisted Treatment for Opiate Use Disorder in Populations involved in the Criminal Justice System.*

Robert Kopp *Bon Secours Hospital Community Health Needs assessment*

Cjloe Meg Vinoya *The Role of Age, Race, and Gender in Homicide Following the Repeal of Missouri's Handgun Purchaser Licensing Law*

Carrie Wade *Expansion of a Harm Reduction Curriculum in Baltimore City*

Infectious Diseases Concentration I

W4007

8:30-10:30

Moderators: Kenrad Nelson

Noreen Hynes

Neal Halsey

Chiamaka Asuzu

The impact of Intermittent Preventative Therapy for malaria in pregnancy in Nigeria and the factors influencing its uptake and utilization

Ashka Mehta

Vaccine Refusal: The Past as Prologue in Addressing Vaccine-Preventable Disease Outbreaks

Ricardo Millan

One Health Policy impact on Viral Hemorrhagic Fever Outbreaks

Diane Meyer

Gastrointestinal Anthrax: A Global Perspective

Matthew Ferreira

Antimicrobial Resistance: Recommendations for the Regulation of Medically Important Antimicrobials in Agriculture

Kathryn Harlow

HIV Risk Factors among incarcerated key populations: A Literature Review

Carolyn Rhodebeck

Insecticide Resistance Monitoring and Surveillance Systems in Africa South of the Sahara: Key Issues for Feasibility

Kathryn Dalton

Biosecurity Challenges in the Poultry Industry against Highly Pathogenic Avian Influenza

Public Health Topics I

W3030

8:30-10:30

Moderators: Randy Bryant

Mervyn Christian

Marilyn Heng

Linking the PROMIS Physical Function to Legacy Measures

Arwa Altaf

MERS vs. SARS

Hussam Albugami

The Reduction of Hospital Wait Times and Avoidable Hospitalization Significantly helps in the Reduction of Costs in Saudi Arabia and UAE

Shannon Raymond

Feasibility and accuracy of using a mobile application to track afterschool program physical activity and healthy eating practices

Mahmud Hasan

The association between sexually transmitted disease and HIV in sex workers and MSM in India

Hope Rhodes

An Emotional Wellbeing Quality Improvement Initiative in a Community Pediatric Medical Home

Akshay Gupta

Trends of non-operative Spinal gunshot wound injury in USA from 2007 to 2014

Hani Alghamdi

Fecal Microbiome Transplantation as potential therapeutic intervention for obesity

Public Health Topics II

W3011

8:30-10:30

Moderators: Susan Tonascia

Danielle Edwards

Inimfon Jackson

Early Onset Breast Cancer in Women and Risk Factors for Survival: A literature review

Bhuchitra Singh

Placental microbiome and its effect on the preterm labour systematic analysis.

Augustus Billy

Do surgical outcomes for CABG differ across Health Systems?

Anne Batchelder

Political Prioritization of Health Funding in Ethiopia and Rwanda

Crystal Azu

Associations Between Care-Seeking Behavior and Undiagnosed Hypertension in Southeastern Nigeria

Asha Isable

Analysis of Medicare's Coverage of Substance Abuse Services; Treating Baltimore's Aging Substance Users /

Marlee Ickowicz

Comparison of Policymakers and Poor Individuals' Proposals for Public Benefit System Reform

Alexander Sloboda

Baseline Evaluation and Stakeholder Analysis of Accident & Emergency Unit and Emergency Medicine Training at Nigerian Teaching Hospital

Public Health Topics III

W4013

8:30-10:30

Moderators: George Rebok

Josiah Kephart

Deena Levey

Distance to ART clinic and HIV virological outcomes in Rakai, Uganda

Kathryn Lee

Feasibility and wearability of new particulate matter monitors in children

Ya-Hsuan Chiang

Improving Analytic Throughput of Treatment options for Non-Small-Cell Lung Cancer: A Cost-effectiveness Analysis

Joonpyo Choi

Health Disparities in Cognitive Aging among African Americans: A Literature Review of Serum Cholesterol Levels

Jillian Kiely

Stigma, Acceptability, and Utility of Pre-Exposure Prophylaxis (PrEP) among Female Sex Workers for the Prevention of HIV

Christopher Conn

Best Practices for Universal Background Checks

Meghan Tamaro

Community-Based Surveillance in Low-Resource Settings and Humanitarian Emergencies /

Jennifer Wenjing Tao

A systems dynamics approach to assess the impact of PEPFAR transition on key population access to HIV/AIDS services in Ghana

Public Health Topics IV

W4019

8:30-10:30

Moderators: Andrea Ruff

Ayodeji Awopegba

Rebecca Ehrenkranz

Antimicrobial Resistance in Companion Animals and its Impact on Public Health

John Berchmans Ekka

Mainstreaming of traditional systems of medicine to meet the shortage doctors in rural India.

Monika Mann

Uganda Rehabilitation Needs Assessment

Grace Mandel

"Risk Factors for Depression in Caregivers of Patients Living with HIV"

Gretchen Wilde

Developing a real-time surveillance system of universities

Sarah Linden

The Impact of Decriminalization of Sex Work on HIV and HIV Related Risk Factors

Zoya Fansler

Impacts of hydrocodone combination product rescheduling on opioid and analgesic prescribing in the United States

Mindy Willing

Effectiveness of Universal Parenting Interventions to Prevent Child Conduct Problems

MPH/MBA I

E9519

8:30-10:30

Moderators: Gregory de Lissovoy Paul Whong

Christina Andersen

Health Outcomes by Historical Redlining

Karuna Luthra

Addressing Immunization Coverage Data Challenges in India: Strengthening India's Immunization Data Collection & Reporting System

Juliette Mullin

What Patient-Centered Medical Homes Do (and Don't Do) To Meet the Triple Aim

Jamil Kasmani

Proposal for development of framework for quality and patient safety projects in developing countries

Nitin Vaswani

30-day postoperative risk of stroke or death or myocardial infarction in high-risk patients undergoing carotid endarterectomy

Emily Blynn

Participatory Assessment of Readiness for Sustainability and Scale of an mHealth Project in Nicaragua /

Katrina Weeks

Electronic Health Records in Low-and Middle-Income Countries: Have These Technologies Lived Up to Their Promises?

Eric Thuo

Strengthening the capacity of state actors to prevent deaths in police custody in Kenya

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

W3008

11:00-1:00

Moderators: Rosa Crum

Youssef Farag

Mark Ulanja

HIV AMONG MSM IN COTE D'IVOIRE

Peiqi Wang

Family history and disease outcomes in patients with Crohn's disease: A comparison between China and the United States /

Abisola Jegede

Association between Oral health and Oral HPV infection

John Murphy

ERICA: The Association between Socioeconomic Status and Age of Initiation of Smoking among Brazilian Adolescents

Jamile Ballivian Cuellar

Risk factors for TST conversion in HIV positive patients

Aubrey Mwinyogle

Assessing the impact of traditional risk factors on the occurrence of non-AIDS defining cancers in HIV patients

Farjah AlQahtani

Impact of Prophylactic Heparin and Enoxaparin Dosing on the Incidence of VTE among Patients Admitted to Johns Hopkins Hospital

DaeSeong Kim

Mortality in North Korean migrant households: a retrospective study focusing on children

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

W2008

11:00-1:00 **Moderators: Marie Diener-West Shirin Wadhvaniya**

- Yen Bo Lin** *The association of potassium intake and glucose tolerance between diabetes and non diabetic patient*
- Apollo Kivumbi** *Comparison of mobile and static Medical male circumciscion services in Rakai Uganda.*
- Guan Wei Samuel Ow** *Epidemiology and Survival Trends in Histological Subtypes of Epithelial Ovarian Cancer*
- Melinda Krakow** *Factors Impacting Adolescent Vaccination Adherence in the United States*
- Miguel Cainzos Achirica** *Associations between 10-year CHD and CVD predicted risks and prevalent subclinical cardiovascular disease in young adults: The Kangbuk Samsung Health Study*
- Sarah Saleemi** *Promoting open discussions of substance use in the HIV+ primary care population*
- Marcelo Cerullo** *Geographic influences on post-surgical outcomes in Maryland, 2012-2015*
- Vinita Subramanya** *Are elevated levels of inflammatory and monocyte activation biomarkers associated with subclinical carotid atherosclerosis in HIV infected and uninfected men?*

Epi & Biostat Methods for Public Health & Clinical Research Concentration VI **W2015**

11:00-1:00 **Moderators: Susan Tonascia Leonardo Collado Torres**

Robyn Cyr *Assessing Infant Consumption of Sugar Sweetened Beverages*

Jite Wanogho *Comparison of Arteriovenous Grafts and Fistulas for hemodialysis access in young patients with end-stage renal disease. /*

Weili Fan *"Phenotypic Heterogeneity": Critical Concern about the Term "Metabolic Syndrome"*

Farhan Pervaiz *Comparison of Healthcare Utilization between Refugees and Local host population in Beirut*

Ramzi Dudum *Dose-Dependent Effects of Lifestyle Interventions on Lipid Levels: Results from the PREMIER Trial*

Yuanting Zha *Outcomes following cardiopulmonary resuscitation in surgical patients with do-not-resuscitate orders suspended during the perioperative period*

Harry Joshua Posen *Strangely identical global trends in DTP3 and MCV1 coverage: ♂ correlation or coincidence?*

Sagar Chawla *Racial disparities in outcomes following lower extremity trauma: Comparing civilian and military populations*

Health Leadership & Management Concentration II

W2030

11:00-1:00 **Moderators: Anbrasi Edward Besma Nejim**

Maria Santelices Chadwick *Improving Healthcare and Quality of life For Hospitalized COPD Patients*

Kristina Mereigh *East Tremont Male Mental Health Initiative*

Tamara Goldschmidt *Measuring BlueSquare's Contribution to Strengthening RBF Programs:
M&E Strategy, Framework, and Indicators*

Andrea Martin *An Analysis of Time to Initiating Rehabilitation Postoperatively from Total
Hip and Total Knee Arthroplasty on the Odds of Readmission, Mortality, and
Total Charge of Hospital Length of Stay*

Zhilei Guo *Implication of mHealth development and application to the China health
reform*

Savyasachi Shah *Analysis of Consumer Characteristics Affecting Sales of Improved Cook
Stoves in Kenya*

Health Systems & Policy Concentration IV

W2033

11:00-1:00

Moderators: Shivam Gupta

Chike Nwabuo

Elizabeth Eastman

Improving zoonotic disease response through strategic communication networks in Malaysia

Sarah Youn

A gap analysis of executing NQF-endorsed population health metrics in Maryland

Patricia Welch

Designing a BCC Strategy for the Nutrition Intervention of a Large-Scale Irrigated Horticulture Project in Senegal

Kelly Costello

Impact of Long-Acting Reversible Contraception (LARC) Programs on U.S. Teen Pregnancy and Abortion Rates and Considerations for Future Program Expansion

Kathleen Rubinger

Guaranteeing Oral Health Benefits for Transitioning Foster Care Young Adults

Manasa Reddy

Factors affecting the quality of care provided by iCCM-trained community health workers in Sub-Saharan Africa: an evidence review

Laura Mandel

Provider Network Adequacy in Maryland Managed Care Organizations

Infectious Diseases Concentration II and Public Health Topics V

W4007

11:00-1:00

Moderators: Kenrad Nelson

Noreen Hynes

Neal Halsey

Caitlin Cotter

Methicillin-resistant Staphylococcus aureus carriage in household pets: a risk factor analysis

Rashmi Shrestha

Efficacy of Hepatitis E Vaccine in Pregnant Women in Nepal

Vibhuti Arya

Naloxone distribution through community pharmacies in NYC

Mahmoud Hassan

What is the Role of Sexual transmission in Zika virus transmission?

Chidinma Anakwenze

Characterization of Radiotherapy Practice and Barriers to Radiotherapy Access at the University College Hospital

Lalawmpuia Hmar

Do patients with gram negative bacteremia treated with oral antibiotics do as well as patients treated with intravenous therapy?

Public Health Topics VI

W4030

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

Evelyn Castillo *Building Financial Independence Among Survivors of Abuse: A Project Proposal for a Digital-Assisted Financial Coaching Program for Shine Foundation*

Nushani Jayaratne *Effects of Depression and Asthma Control on Placebo Response*

Lisa Broadhead *A Case Study of The Johns Hopkins Hospital's Risk Communication Strategy for Emergency Department Staff During the 2014 Ebola Virus Disease Outbreak*

Stephanie Jarmul *Characterization of E-cigarette study participants: a descriptive analysis of e-cigarette users in Maryland.*

Dahlia Rizk *Best practices in pain management in hospitalized patients*

Sean Blaufuss *The Adolescent Community Reporting Network (ACORNet): A Proposal for Real-Time Community Reporting of Insecticide-treated Net Usage and Access for Malaria Prevention*

Kamala Priya Jayaprakash *How does the involvement of parents in early adolescence influence the development of problem behavior?*

Leona Rosenblum *Disparities in mobile phone access and maternal health service utilization in Kenya*

Public Health Topics VII

W2017

11:00-1:00

Moderators: Keith West

Mervyn Christian

Manuel Kavekos

Hospital Value-Based Purchasing Program Evaluation

Shelby Kemper

World Health Organization Third Global Patient Safety Challenge on Medication Safety

Stephen Kaliti

Post partum family planning in Kenya

Raj Singaraju

Qualitative Assessment of Tobacco use in Okinawa Marines: Service Members' Rights and Policy Recommendations

Anuradha Devabhaktuni

An analysis of the rising trend in caesarean section rates in Egypt /

Michelle Davidson

Syringe Service Programs in Response to HIV Outbreaks: A Review of the Literature /

Jennifer Effler

Feasibility and Acceptability of Reducing Meat Consumption in the U.S. Military

Public Health Topics VIII

W4013

11:00-1:00

Moderators: George Rebok

Josiah Kephart

Elizabeth Fracica *Association of Depression with Neuroimaging Markers of Brain Vascular Disease: The Atherosclerosis Risk in Communities Study*

Andrew Stolbach *Internet-Based Risk Assessment and Risk Communication Training*

John Fischer *Risk Prediction of Incisional Hernia Using Longitudinal Claims Data Towards Development of Clinical Decision Supports Tools*

Madhuran Nagarajan *Cost effectiveness analysis of diabetes screening in the Indian population*

Michelle Miller *Household Socioeconomic Status Modifies the Association Between Neighborhood Poverty and Overweight or Obesity in a Nationally Representative Sample of First Grade Students in the United States*

Eniolaoluwa Soremekun *Impact of Connectivity on Health*

Adaobi Nwabuo *Illegal substance use and non-sexual risk taking among adolescents.*

Aliza Fishbein *Composting Food Waste to Reach Recycling Goals in Montgomery County, Maryland*

Public Health Topics IX

W4019

11:00-1:00

Moderators: Andrea Ruff

Edyth Schoenrich

Danielle Edwards

Poorva Tomar

Preoperative use of opioids and the chances of post operative hospitalisation after discharge in high risk patients.

Juliana Odetunde

Methodologies in Community-Based Interventions for the Promotion of Colorectal Cancer Screening in East Baltimore

Elisabeth Gallagher

Stop-and-Frisk Practices and Gun Violence Prevention: Literature Review and Role of Research in Litigation

Rejane Frederick

Racial Health Disparities Literature Review: Implicit Racial Bias and the Weathering Hypothesis

Mohamud Qadi

Economic Trends in Eye-Related Hospitalizations

Bineyam Gebrewold

Cancer risk in Children exposed to medical diagnostic radiation: / Assessment of current radiation protection practices and emerging opportunities.

Shani Venner

How do youth perceive violence across five different sites- findings from the WAVE study

Uchenna Onyekwere

Determining cost effectiveness for a new point-of-care test for early infant diagnosis

MPH/MBA II

E9519

11:00-1:00

Moderators: Greg de Lissovoy Paul Whong

Sehyo Yune

The Perception of Care Coordination Among Hospital Employees

Ricky Wat

Evaluating the Cost-effectiveness of anti-PD-1 inhibitors for Hodgkins Lymphoma compared to standard of care

Emily Schlothan

Sustainable Financing for Family Planning

Naomi Plasky

Depression and Health System Stigma Among Female Sex Workers in Lesotho

Dianne Kim

Policy Analysis of Antimicrobial Use in Food Animal Production Particularly in the Poultry Industry

Crystal Ki

Cost-benefit analysis of improving preventative care delivery which addresses the underutilization of mammography for breast cancer screening

Natasha Chan

An Analysis of Potential Behavioral Changes in High Cost High Need Patients

Nathan Whye

The Planned (And Un-Planned) Consequences a Roe v. Wade - A Bio-Statistical Approach

General Preventive Medicine Residency

W2303

11:00-1:00

Moderators: Clarence Lam

Mary Carol Jennings

Marc Rabner

School Absenteeism and Public Health

Hoda Bastani

Using EMR smartsets to improve management of overweight and obese patients in a pediatric primary care setting

Cassia Wells

Characterizing the Patterns of HIV Disclosure to Clients Among South African Female Sex Workers in Port Elizabeth

Gregory Burnett

Assessing Use Patterns and Disease Prevalence in Washington D.C.'s Humanitarian Use of Marijuana Program

Master of Public Health Capstone
AWARD RECIPIENTS
May 2016

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.

Kasey Bellegarde

“An Assessment of a Gender-based Violence Screening Program for Refugee Women in Baltimore City”
Capstone Advisor: Michele Decker \ Faculty Advisor: Michele Decker

Kathryn Dalton

Department of Environmental Health Sciences MPH Capstone Award – Recipient of \$300 prize
“Biosecurity Challenges in the Poultry Industry against Highly Pathogenic Avian Influenza”
Capstone Advisor: Ellen Silbergeld \ Faculty Advisor: Meghan Davis

Teresa DeAtley

“Assessing compliance with Uruguay’s single pack presentation law”
Capstone Advisor: Joanna Cohen \ Faculty Advisor: Ryan Kennedy

Ramzi Dudum

“Dose-Dependent Effects of Lifestyle Interventions on Blood Lipid Levels: Results from the PREMIER Trial”
Capstone Advisor: Lawrence Appel \ Faculty Advisor: Lawrence Appel

Zoya Fansler

“Impacts of hydrocodone combination product rescheduling on opioid and analgesic prescribing in the United States”
Capstone Advisor: G. Caleb Alexander \ Faculty Advisor: Gary Ketner

Zhilei Guo

“Implication of mHealth Development and Application to the China Health Reform”
Capstone Advisor: Alain Labrique \ Faculty Advisor: Douglas Hough

Melinda Krakow

Who Gets a Provider Recommendation? Reducing Missed Opportunities to Promote the HPV Vaccine to Male and Female Teens in the U.S.
Capstone Advisor: Anne Rositch \ Faculty Advisor: Amber Dsouza

Benjamin Lazarus

“Proton Pump Inhibitor Use and the Risk of Chronic Kidney Disease”
Capstone Advisor: Morgan Grams \ Faculty Advisor: Morgan Grams

Hojoon Lee

“Application of Early Aberration Reporting System (Ears) To Seasonal Influenza Weekly Report in Mexico (2007-2014)”
Capstone Advisor: Carlos Castillo-Salgado \ Faculty Advisor: Kenrad Nelson

Dane Moran

Overall Best MPH Capstone Award - Recipient of \$500 Prize
“Impact of Improving Vehicle Design on the Burden of Pedestrian Injuries in Germany, USA, and India”
Capstone Advisor: Kavi Bhalla \ Faculty Advisor: Keshia Pollack

Caroline Picher

“Analysis of Access to Medication Assisted Treatment for Opioid Use Disorder in Populations involved in the Criminal Justice System”
Capstone Advisor: Brendan Saloner \ Faculty Advisor: Dan Salmon