

Master of Public Health Capstone Presentations May 9, 2015

Program

Johns Hopkins Bloomberg School of Public Health
Baltimore, Maryland

MPH CAPSTONE SYMPOSIUM SATURDAY, MAY 9, 2015

AGENDA

7:15-8:30AM	COFFEE AND BAGELS – GALLERY, 1 ST FLOOR (SESSION ONE PRESENTERS LOAD PRESENTATIONS ON LAPTOPS)
	MORNING SESSION ONE
7:45-10:30AM	EPI & BIOST METHODS FOR PUBLIC HEALTH & CLINICAL RESEARCH CONCENTRATION I – Rosa Crum & Youssef Farag, Room W3008
7:45-10:30AM	EPI & BIOST METHODS FOR PUBLIC HEALTH & CLINICAL RESEARCH CONCENTRATION II – Marie Diener-West & Shalini Selvarajah, Room W2008
7:45-10:30AM	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 & Abdullah Albuthi, Room W2017
8:30-10:30AM	HEALTH IN CRISIS & HUMANITARIAN ASSISTANCE CONCENTRATION I AND CUSTOMIZED – Courtland Robinson & Shannon Doocy, Room W4030
8:15-10:30AM	HEALTH LEADERSHIP & MANAGEMENT CONCENTRATION I – Anbrasi Edward & Ann-Michele Gundlach, Room W2030
8:30-10:30AM	HEALTH SYSTEMS & POLICY CONCENTRATION I – Asha George & Abdullah Khoja, Room W2033
8:30-10:30AM	HEALTH SYSTEMS & POLICY CONCENTRATION II – Donna Strobino & Jaya Gupta, Room W2009
8:30-10:30AM	HEALTH SYSTEMS & POLICY CONCENTRATION III – Neal Halsey & Ashish Yadav, E6519 (Students in this session must attend either HSP Concentration Session IV, Room W2033 or HSP Concentration Session V, Room W2009 in the 11am-1:00pm session)
8:30-10:30AM	INFECTIOUS DISEASES CONCENTRATION I AND CUSTOMIZED – Noreen Hynes & Clive Shiff, Room W4007
8:30-10:30AM	PUBLIC HEALTH TOPICS I – Randy Bryant & Molly Lasater, Room W3030
8:30-10:30AM	PUBLIC HEALTH TOPICS II – Susan Tonascia & David Earle, Room W3031
8:30-10:30AM	PUBLIC HEALTH TOPICS III – George Rebok & Josiah Kephart, Room W4013
8:30-10:30AM	PUBLIC HEALTH TOPICS IV – Neff Walker & Ayodeji Awopegba, Room W4019 (Students in this session must attend Public Health Topics V, Room W2017 or Public Health Topics VII, Room W3030 in the 11am-1:00pm session)

MPH CAPSTONE SYMPOSIUM May 9, 2015 (CONTINUED)

10:30-11:00AM BREAK - GALLERY, 1ST FLOOR
(SESSION TWO PRESENTERS LOAD PRESENTATIONS ON LAPTOPS)

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 & Shalini Selvarajah, Room W2008

EPI & BIOST METHODS FOR PUBLIC HEALTH & CLINICAL RESEARCH CONCENTRATION VI – Randy Bryant & Leonardo Collado Torres, Room W2015

HEALTH IN CRISIS & HUMANITARIAN ASSISTANCE CONCENTRATION II AND CUSTOMIZED - Courtland Robinson & Ayodeji Awopegba, Room W4030

HEALTH LEADERSHIP & MANAGEMENT CONCENTRATION II – Anbrasi Edward & Ann-Michele Gundlach, Room W2030

HEALTH SYSTEMS & POLICY CONCENTRATION IV— Asha George & Abdullah Khoja, Room W2033

HEALTH SYSTEMS & POLICY CONCENTRATION V— Edyth Schoenrich & Abdullah Albuthi, Room W2009

INFECTIOUS DISEASES CONCENTRATION II AND CUSTOMIZED – Kenrad Nelson & Clive Shiff, Room W4007

PUBLIC HEALTH TOPICS V – Keith West, Room W2017

PUBLIC HEALTH TOPICS VI - George Rebok & Ashish Yadav, Room W4013

PUBLIC HEALTH TOPICS VII - Donna Strobino & Danielle Edwards, Room W3030

PUBLIC HEALTH TOPICS VIII -Susan Tonascia & Paul Whong, Room W3031

1:00-2:00PM LUNCH & AWARD ANNOUNCEMENTS – FEINSTONE HALL

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Epi & Biostat Methods for Public Health & Clinical Research Concentration I W3008

7:45-10:30am Moderators: Rosa Crum Youssef Farag

Jamin Addae Trends and Outcomes of Surgical Methods for Bowel Resection in Colorectal

Cancer Patients

Joseph Salami Trends in HIV knowledge, attitude and practices and their associations with

PEPPER funding in Tanzania

Barkha Gurbani Who Kills Whom

Mohammed Mukarram Acute Phase Reactants in Stroke

Carrie Lyons Violence against Female Sex Workers in Cote d'Ivoire

Zeyad Khoush hal Outcomes of esophagectomy according to surgeon's specialty

Hoa VoPerinatal behaviors of women using fertility treatment

Abdullah Almuttawa Functional outcomes in survivors of severe penetrating trauma

Junichi Ishigami Chronic kidney disease and risk for gastrointestinal bleeding in the

community: The Atherosclerosis Risk in Communities (ARIC) Study

Whitney Ewing Exploring the correlates of water-based lubricant use among men who have

sex with men (MSM) in urban Malawi

Mohammed Bu Saad The relationship of urinary Alanine with incident type 2 diabetes

Epi & Biostat Methods for Public Health & Clinical Research Concentration II W2008

7:45-10:30am Moderators: Marie Diener-West Shalini Selvarajah

Tiffany HoChange in dietary intake amongst overweight/obese adults with serious

mental illness: Interventions from the ACHIEVE Trial

Kyoo Shim Associations between healthy lifestyles and subclinical cardiovascular

diseases in a Korean population

Ahmad Badeghiesh obstetric and gynecology

Kunhwa Kim The role of coordination on colon cancer outcome

Tatyana Lyapustina Evaluating the impact of Texas's pill mill law

Natalie Flath Publicly funded health insurance insufficiently meets health care needs

among new female exotic dancers in Baltimore, MD

Besma Nejim Traumatic Brain Injury in Infants: the Contribution of Shaken Baby

Syndrome, United States: 2003 – 2012

Janet ChoiA Tale of Two Methods: Measuring Hearing in Older Adults Using Self-

report vs. Audiometry

Ermias Jirru HIV Status of and Disclosure of Number of Sexual Partners among Couples

in Sub-Saharan Africa (SSA)

Hawa AbuRacial disparities in antihypertensive medication adherence among

hypertensive patients in the primary care setting

Joel Wackerbarth Implementation of minimally invasive techniques for partial nephrectomy in

Elderly and Obese populations

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

7:45-10:30am Moderators: John McGready Leonardo Collado Torres

Oluwabusayo Adebusuyi Association between Viral Load and The Report of Depressive Symptoms in

HIV Positive Women on ART Therapy

N'Dama BambaCan we optimize current in-patient management of necrotizing fasciitis and

epidural abscess at Johns Hopkins Bayview Medical Center?

Katharine Raisler The Role of Perceived Discrimination in Racial/Ethnic Disparities in

Contraceptive Use

Sara Goodman Examination of correlates of self-reported STI testing among MSM in

Burkina Faso, West Africa

Darunee Chotiprasitsakul Comparison of Clinical Outcomes of Adult Patients with Gram-negative

Bacteremia Treated with Short versus Prolonged Antibiotic Treatment

Courses

Muath AlDosari Medical and Social Predictors of Denture Use among the Elderly in Saudi

Arabia

Joseph Klembczyk Exploring Google Flu Trends' Effectiveness in Predicting Hospital Influenza

Admissions

Joseph Alphonsus Nindow Association of age and anti-retroviral therapy (ART) adherence with viral

load suppression among a cohort of ALIVE study participants.

Sin Ae Suh Maternal morbidity in late pregnancy in rural Bangladesh

Ivan Marbaniang Healthcare related and sociodemographic factors that drive high risk

behavior among MSM in India

Megan Hosein Effects of Peer Health Worker intervention on Health behaviors of Patients

living with HIV

Health Leadership & Management Concentration I

W2030

8:15-10:30am Moderators: Ann-Michele Gundlac Anbrasi Edward

Khaled Jeraq Best practices in SSI prevention for Cesarean sections, Tonsillectomies, and

Abdominoplasties

Oluwadamilola Onasanya Best Practices for Improving Cultural Competency of U.S. Healthcare

Organizations

Michael Rebolledo Comparison of Public Reporting Formats for Pediatric Cardiac Surgery

Outcomes with a Review of Data from a High Volume Center

Oluwatosin Momodu A literature review on community health worker program in Nigeria focused

on maternal newborn and child health between 2005 to 2015

Sun-yin Ho Improving Primary Care Performance in Taiwan

Mansour Alrumayyan A Rapid Appraisal of Magnet Readiness in a University Teaching Hospital in

Saudi Arabia

Emerson Song The effectiveness of a text message-based mHealth approach to weight loss

Anne Chiang Developing a Model to Address Population Mobilization and Interstate

Commerce for the Medicaid Program

Thiri Bickel The Methodology and Domains of Physician Satisfaction Assessment: A

Review and Discussion considering the U.S. Health Care System with

Management Implications Analysis

Food, Nutrition & Health Concentration & Customized

W2017

8:30-10:30am Moderators: Keith West Abdullah Albuthi

Samantha Clark Women's empowerment and nutrition: What are some opportunities and

challenges in Rwanda?

Emily Buress Are High Attrition Rates Inevitable for Volunteer Community Health Worker

Programs? A Case Study Review

Mfon Valencia Umoren Patient Safety in Nigeria

Carrie Stoltzfus Food Access and Health Outcomes in Diabetics

Eunkyung Han *BMI and Psychological associations of healthy eating between children and*

caregivers: How do adult caregivers and children interact to promote

children's healthy eating?

Bander Alhamdan Alternate day fasting versus daily energy restriction: which is more effective

and cardio protective for weight loss?

Jenny Pena Dias Association of low amylase with obesity in older adults

Amna Al-Khuzaei Obesity among children aged (5-12) years in Qatar

Health in Crisis & Humanitarian Assistance Concentration I

W4030

8:30-10:30am Moderators: Courtland Robinson Ayodeji Awopegba

Rui Gutierrez Descriptive Epidemiology of the Yanomami Population Between 2001 and

2011

Ruba Sahab School in a Tent - Emergency education program for Syrian refugees in

Lebanon

Ryo Takao Hospital Disaster Planning

Felicity Gonzalez Exploring Emergency Response Preparedness in a 2-1-1 Call Center: A

Mixed Methods Approach

Blair Smart Epidemiological Study

Rebecca Wong Assessing the impact of the 2014 West African Ebola outbreak on essential

health utilization on a district level in Liberia

Vanessa Cavallera Child mental health and psychosocial support for refugees in Dadaab

Ahmad Adi Aging in Displacement: Assessing Mental Health of Displaced Older Adults

in the Republic of Georgia

Health Systems & Policy Concentration I

W2033

8:30-10:30am Moderators: Asha George Abdullah Khoja

Maranatha Gabaud Gender and Human Resources for Health

Jordan Lynn Review of Cultural and Linguistic Competence in Nursing Practice as

Related to the National CLAS Standards: 2004-2015

Maryland

Marguerite O'Hara Perspectives of Schools of Public Health about Sugary Beverages on Campus

Rebecca Dittrich Strategic Utilization of Soft Public Health Law: Lessons From the U.S. Food

& Drug Administration

Leonardo Shibata Federal Health Expenditure in the last two decades in Brazil

Brian Waldersen *Collaborating and Contextualizing in the Practice of Person-Centered Care:*

Functional Goals and Predictors of their Attainment among Low-Income

Community-Dwelling Older Adults

Ahmed Abdelbasit Active Video Games and Energy Expenditure in Children: A review of the

literature

Health Systems & Policy Concentration II W2009

8:30-10:30am Moderators: Donna Strobino Jaya Gupta

Nobuhiro Koba An Evaluation of mobile health application in Japan

Maryam Doroudi Gender Differences in Lung Cancer Screening Eligibility in the United States

2011-2012

Diane Horvath Cosper Setting a TRAP: How Women are Harmed by Targeted Regulation of

Abortion Provider Laws

Jorge Martin del Campo Mobile Health Interventions among Hispanic and Latino Americans: A

Systematic Review of the Literature

Payal Patnaik Human-Centered Digital Health: Preserving Humanity in Technology

Dana Silver Economic Evaluation of Adult Pneumococcal Vaccination in Developing

Economies

Ahmad Alkasir Reducing consumption of Sugar Sweetened Beverages: A needs assessment

and health behaviour program for the state of Louisiana

Health Systems & Policy Concentration III

8:30-10:30am Moderators: Neal Halsey Ashish Yadav

Bella Nadler An ethical analysis of the Indian patent regime and its actions to increase the

availability of affordable anticancer drugs: A model or a misstep for

E6519

improving global cancer control?

Rohangiuz Sobhani Analysis of Japan's contribution to Global Health Policy through

Commitments to Health System Strengthening and Advancing Universal

Health Coverage Post-G8 Toyako Summit

Jessica Peterson How to Influence Policy: A Guide for Medical Students

Fares Alsaleh Integrating Eye Health Care in Primary Health Care In Developing

Countries

Rachael Linder An Analysis of Cost Effective Modeling of Vaccine Programs in Developing

Countries

Jungwoo LeeCost effectiveness analysis of HPV vaccination in South Korea

Alexandra Jabs The Effect of Insurance Status on Mortality in Patients with AIDS

Infectious Diseases Concentration I W4007

8:30-10:30am Moderators: Clive Shiff Noreen Hynes

Alexander Pyden Review of Rocky Mountain Spotted Fever in a Contemporary Context

Kayla Nyakinye A Patient-Centered Intervention Model in the Control of Multidrug-Resistant

Tuberculosis in South Africa

Megan Vodzak CDC Viral Special Pathogens Branch Website Recommendations

Molly Sauer Assessing the impacts of climate change on dengue fever: a systematic review

Juwon Harris Assessing and Combating the Effects of South Africa's HIV/TB Epidemic: A

Cross-Sectional Study and Intervention Proposal

Omar Sherbini Systematic Review of Malaria Detection Methods in Mosquitos

Eric Mensah Spreading of pathogens through aerosols during decontamination

procedures involving the use of pressurized fluid such as in Ebola Treatment

Units: experimental assessment using Bacillus atrophaeus

Jun Sugihara Factors associated with treatment initiation for latent tuberculosis infection

among contacts of infectious tuberculosis patients, Maryland

Public Health Topics I W3030

8:30-10:30am Moderators: Randy Bryant Molly Lasater

Sean Andrews Impact of High Performance CPR on Survival to Hospital Discharge in Out-

of-Hosptial Cardiac Arrests, Montgomery County, MD

Meera Sarathy From Policy to Practice: Research proposal for dominant clinical practice

of magnesium sulfate administration for pre-eclampsia/eclampsia in

Southern Africa

James Quon Transitions in Care.

Michelle Freemer Patient centered asthma care: Are we there yet?

Lisa Abrams Piercing the Corporate Veil to Protect Public Health

Hamdan Alamri Assessing the Current Prevalence of Dental Caries for Schoolchildren in

Saudi Arabia

Xingru He Improving the Efficiency of Diabetic Retinopathy Identification and Referral

Through Tele-Ophthalmology in Rural Shenyang, China

Khian Lim Primary Health Care in Myanmar: A Review along with an Assessment of

the Prospects for Applying the SEED SCALE Approach to Strengthen

Primary Health Care

Public Health Topics II W3031

8:30-10:30am Moderators: Susan Tonascia David Earle

Andrew Belli Airway Macrophage Black Carbon as a Marker of Indoor Air Pollution in

Former Smokers with COPD

Xiaoyu Guan Risk Reduction Therapy for Adolescents (RRTA): Targeting Drug-Related

Offenses among Substance Using Juvenile Delinquents

Anne Giangiulio Case study and evaluation of the Inactivated Polio Vaccine in Tunisia

Li Jiang A general review of early-onset preeclampsia

Priyanka Agrawal Quantifying the National Burden and Risk Factors for Missing and Damaged

teeth in Nepal

Ogochukwu Agajelu Role of leadership in programs treating high need high cost patients.

Shareef Alqahtani Illiteracy and Breast Cancer Screening Utilization: A Case Study of Saudi

Women over 60 Years of Age

Raed Alotaibi Infectious Disease in Hajj

Public Health Topics III W4013

8:30-10:30am Moderators: George Rebok Josiah Kephart

Paul O'Rourke Assessment of Internal Medicine Primary Care Residency Programs:

Evaluation of Program Outcomes

Alia Albaghdadi Variations in use of MRI for cervical spine clearance in obtunded blunt

trauma patients

Alex Adams *Medicaid Quality Measurement: Analysis of the Adult and Child Core*

Measure Sets

Sybil Klaus Pediatric Hospitalist Surgical Co-Management: A Patient Safety

Intervention Program Evaluation

Haley Gibbs Quality Improvement Evaluation of an Intervention to Improve Practice

Surrounding Insulin Pen Storage

Jenna GabrioAdverse Childhood Experiences and the Risk of Marijuana Use in the United

States

Jerome Chelliah Evaluation of Domestic Violence Programs in Six Baltimore County

Hospitals

Adejare Atanda Sexual orientation and cardiovascular disease: A population based

crossectional study using 2007-2012 NHANES data

Public Health Topics IV W4019

8:30-10:30am Moderators: Neff Walker Paul Whong

Zohaib Akhtar The association between use of social networking site and depression in the

adolescent population: A literature review

Kali Bechtold *MSM and HIV Association in Lesotho*

Oluwaseun Banjo Effect of Pedestrian Safety Campaigns on Risk Perception in Urban

Environments: A Case Study of the Johns Hopkins Pedestrian Safety Project

Peter Gierlach An Evaluation of the Hood2Harbor Peace Ambassador Program in the Inner

Harbor: An Ecological Study

Hatim Sati *Utilization and/or integration of database obtained through passive*

surveillance system using simple case definition for ARI and Pneumonia (2005- 2014), into the National Influenza Surveillance System in Mexico

Juliana Shulman Expanding the Use of Ignition Interlocks to Prevent Alcohol-Involved Motor

Vehicle Crashes: An Analysis of State Law

Courtney Chang Assessing the Financial Health and Readiness to Scale of mHealth Projects

Lily Johnston Predictive Risk Modeling in Patients Bridged to Cardiac Transplantation

with Mechanical Circulatory Support

Epi & Biostat Methods for Public Health & Clinical Research Concentration IV W3008

11:00am-1:00pm Moderators: Rosa Crum Youssef Farag

Kyi-Sin Than Are region-specific immigrant enclaves resistant to childhood obesity? An

ecological study in Pennsylvania

Jamie Odden Trends in Femoral Neck Fracture Treatment: An Analysis of the NTDB

Hauwa Bello Prediction of advanced liver disease/liver death using Biomarkers: A

comparison of (PT,PTT &INR) to (AST/ALT, AAL, APRI,MELD or FORNS)

Avni Gupta Role of Middle-Upper Arm Circumference measure in children in predicting

long term survival.

Kevin Contrera Association of Hearing Impairment and Anxiety in Older Adults

Ismail Mbabali The determinants of resumption of sexual intercourse before complete wound

healing among circumcised men in the HIV prevalent fishing communities

compared to the general community in Rakai, Uganda

Onyekachukwu Illoh Comparison of Ocular Biometric Parameters between Siblings of Primary

Angle Closure Glaucoma (PACG) Patients VS Siblings of Non-PACG

Patients

Mark Kurzrok Association of anxiety symptoms and disorders with cognitive decline

Epi & Biostat Methods for Public Health & Clinical Research Concentration V W2008

11:00am-1:00pm Moderators: Marie Diener-West Shalini Selvarajah

Lorenzo Bertizzolo Sleep Quality and Weight Loss in a Persons with Serious Mental Illness

Martin Tibuakuu Risk factors associated with hepatitis b infection in a cohort of injection drug

users: A cross sectional analysis of former and current IDUs in Baltimore

Tinuade Okoro An assessment of the impact of the 5 plus nuts and beans trial on markers of

kidney injury

Tham Le Elevated CRP level in association with bacteria pneumonia in children

Miren Dhudasia Does pre-injury use of anticoagulants affect patient outcomes after TBI?

Mohammed Alfawzan ABO incompatibility kidney transplant in pediatric age group

Rachel Gutfreund The association between S. aureus carriage prevalence and mask usage of

industrial hog worker in North Carolina

Nicky Mehtani Does injection drug use status impact the risk of AIDS-associated mortality

among people living with HIV?

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

11:00am-1:00pm Moderators: Randy Bryant Leonardo Collado Torres

Deema Almutawa The effect of glucose level on prevalence of oral HPV 16 infection

Varshini Varadaraj Analysis of corneal endothelium: Specular Microscopy results in Primary

Angle Closure Glaucoma

Lucy Mudie Dual Sensory Loss: The effect of vision and hearing loss on function

Blessing Enobun Genital Human Papillomavirus Infection and Diabetes Mellitus among U.S

Women in the National Health and Nutrition Examination Survey, 2009 to

2010.

Aarti Bhasin Biochemical Pregnancies After IVF: Comparison Between Fresh and Frozen

Embryo Transfers

Vera Lim *Barriers to Clinical Trial Discussion: The Effects of Race and Area of*

Residence

Ann Schraufnagel Racial Disparities in Practices of Watchful Waiting in Prostate Cancer

Jeffrey Hardesty Barriers to non-small cell lung cancer trial eligibility

Health in Crisis & Humanitarian Assistance Concentration II & Customized W4030

11:00am-1:00pm Moderators: Courtland Robinson Ayodeji Awopegba

Srihari Cattamanchi A cross-sectional analysis of the levels of protective factors for

psychological symptoms among the conflict-affected children in Burundi,

Indonesia, Nepal and Sri Lanka.

Maya Venkataramani Presenting Complaints as Predictors of Quality of Care in Integrated

Management of Childhood Illness: An analysis of outpatient pediatric visits

in Afghanistan

Julia Moon From Development to Disaster

Shayanne Martin An ethnographic assessment of community building on the southern

Thailand-Burma/Myanmar border

Sabria Cornish A Tale of Two Cities: Consequences of the Boston Marathon Bombing and

the Charlie Hebdo Attack/ Urban Terrorist Attacks, A Legal Perspective on

Public Health

Nida Waheed Assessing the Burden of Disability in Uganda

Nada Alnaji The Effect of Mental illness on the Ability to Care for Children and Family in

Iraqi Women who Underwent Torture

Health Leadership & Management Concentration II

Nichole Wyndham

Diana-Lynne Hsu

W2030

11:00am-1:00pm Moderators: Ann-Michele Gundlac Anbrasi Edward

Eman Awad Eljack Ibrahim Evaluation of Pharmaceutical Services in Sudan

Sara Brandenburg Opt-In Or Opt Out? An analysis of Maryland's organ donation policy

Paulani Mui Ethnic Group Differences in Health Outcomes Among Asian American Men

Lubna RefaiA Sustainable Approach for Implementing the Acute Care for Elderly Model

Anthony Mitchell *Identifying Program Factors Associated with High Clinical and Financial*

Impact in the Department of Veterans Affairs Home Based Primary Care Program (HBPC) using a case-based approach and the Chronic Care Model

Increasing the Efficiency and Accessibility of Primary Care Clinics

Ramifications of Title III of the Patient Protection & Affordable Care Act

Farouk DakoCorrelation between patient perception of quality of care and satisfaction

Health Systems & Policy Concentration IV

W2033

11:00am-1:00pm Moderators: Asha George Abdullah Khoja

Ross Everett State of Graduate medical education (GME)

Rachel Rosen A Comparative Geospatial Analysis of Rural Food Deserts in Maryland

Shannon Stallings Influenza Vaccination Rates Among Health Care Workers in Maryland and

Beyond

Wendy Lee Evaluating the Economic Impacts of the Maryland Health Enterprise Zone

(HEZ) Initiative

Marissa Boeck The Development of a Trauma System in Santa Cruz de la Sierra, Bolivia

Mahendra Naidoo Alcohol Interlock Devices for the Prevention of Drunk Driving – A Review of

International Policies, Evidence and Recommendations for the United States

Hannah JonesLearning from the past: Using public health successes and failures to guide

future policy

Health Systems & Policy Concentration V

W2009

11:00am-1:00pm Moderators: Edyth Schoenrich Abdullah Albuthi

Lacy Cook WAG: Inspired Dog Daycare - A Business Plan to End Homelessness

Jennifer Tan Evaluation of an Experiential Program to Increase Financial Planning

Behavior Among Homeless Survivors of Domestic Violence: Lessons

Learned and Implications for Future Work

Andrew Seiden Evolving Obesity Treatment Guidelines to Inform Clinical Decision Making

and Policy: A Report on Data Availability and Implications of a Novel

Markov Model

Madhavi Naik A policy analysis on Measure D: City of Berkeley Sugary Beverages and

Soda Tax

Christopher Louie The changing demographics of heroin: an unexpected resurgence

Yingqi Fu Review of the Global Availability of Ambulances

Fareen Karachiwalla In the Name of Safety: A Critical Review of Policies Influencing Access to

Federally Subsidized Housing for Ex-Prisoners

Infectious Diseases Concentration II & Customized

W4007

11:00am-1:00pm Moderators: Clive Shiff Kenrad Nelson

AlJawhara Al-Sabah Recombinant Adenoviruses as vectors for immunization

Jonathan Shahbazian Multidrug resistance in environmental methicillin-resistant Staphylococcus

aureus (MRSA) collected from the homes of people diagnosed with a

community-onset (CO-) MRSA infection

Christian Larsen Trends in hematological and metabolic biomarkers following challenge with

rDEN2D30-7169 dengue virus.

Otis Apau Why Healthcare Staff Catch the Flu Phase 4 Field Study

Nicholas Degner Using changes in miRNA and metabolite profiles to monitor tuberculosis

treatment response in mice

Public Health Topics V W2017

11:00am-1:00pm Moderators: Keith West

Nilesh Deshpande Assessment of present data collection and reporting systems by select

country offices and recommendations to strengthen the system to generate

timely and complete data related to Jhpiego programs

Swetha Reddy Substance abuse prevention program for young children.

Anas Alzahrani Age related Outcomes after Contemporary Open Infrainguinal

Revascularization Using Autogenous Vein

Sara Habibyar Disease Early Warning System and disease outbreaks in Afghanistan

Razan Basonbul Constant symptoms are leading patients to undergo surgical repair of

Superior Canal Dehiscence

Akadia Kachaochana Programs to Protect Against and Mitigate Childhood Adversities

Andrew Longosz Behavioral Factors Associated with Reduced HIV Incidence in Persons Who

Inject Drugs

Public Health Topics VI W4013

11:00am-1:00pm Moderators: George Rebok Ashish Yadav

Madeleine BeebeHow we measure matters— a systematic review of sub-national maternal

mortality estimates in sub-Saharan Africa

Harkirat Singh Analysis of Smokeless Tobacco Legislation in India: Policy and Practice

Anne Diehl *CATCH-IT in Teens: An Internet-Based Program to Prevent Adolescent*

Depression

Tasnim Reza Analyzing Primary Health Care

Yusuke Nakamura Burden and Cost of Celiac Disease: A Targeted Literature Review

Mohammad Khan Increasing the clinical trials in Cancer patients

Venkat Gundareddy *Incidental Findings in Chest Pain Patients.*

Alexia Anagnostopoulos Correlates of Prescription Drug Use among the People who inject drugs

(PWID) in Baltimore (ALIVE study)

Public Health Topics VII W3030

11:00am-1:00pm Moderators: Donna Strobino Danielle Edwards

Meher Singh Grant Proposal for a Faith-Based Comprehensive Wellness Initiative in East

Baltimore

Erin Ellis Is greater health media use associated with believing that the HPV vaccine is

effective?

Edward Kim The Role of Socioculturally Competent Interventions in Increasing

Healthcare Utilization Among Racial and Ethnic Minority Groups in the U.S.

Betsy Rolland Secondary Data Use in Cancer Epidemiology Research

Peter Anderson Controlling Onchocerciasis

Phyu Phyu Oo Malawi: A Review of the Partnership Framework Implementation Plan and

Evaluation of the Impactof the Partnership Framework Agreement on

Strengthening the National Medical Supply Chain

Ayla Cash Defining the Epidemiologic Landscape of HIV-infected Deceased Donors in

the United States

Rafael Gonzalez-Barros Simple Analytics of Mortality by State

Public Health Topics VIII W3031

11:00am-1:00pm Moderators: Susan Tonascia David Earle

Daniel Laucks Dermatologic disease in companion animals residing with a person

diagnosed with methicillin-resistant Staphylococcus aureus infection

Sunny Lai Formative research proposal for designing a behavioral health integration

program for older adults in primary care in Baltimore

Meredith Klein "There is no free here, you have to pay": Actual and perceived costs as

barriers to intermittent preventive treatment of malaria in pregnancy in Mali

Jeremy Tanner Detecting Entorhinal Cortex Atrophy in Preclinical AD

Javier Valero Elizondo Transfusion Practices Variation by Age and Gender in Adult Populations

Undergoing Major Surgery

Daniela SmithAdvancing Health Research: Leveraging the Investment, Successes, and

Lessons Learned in a Large-Scale National Study

Yeonhee Yang Economic evaluation of Apremilast in the treatment of psoriatic arthritis in

the United States

Master of Public Health Capstone AWARD RECIPIENTS May 2015

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.

Elizabeth Bast

Department of Environmental Health Sciences MPH Capstone Award - Recipient of \$300 prize "Analyzing the Health Co-Benefits of High-Penetration Renewable Energy Deployment in the United States" Capstone Advisor: John Balbus \ Faculty Advisor: Cindy Parker

Sarah Ceponis

"Inclusionary Advocacy: Changing Policy and Perspectives through Maryland's Second Chance Act"

Capstone Advisor: Carol Underwood \ Faculty Advisor: Philip Leaf

Jerome Chelliah

"Evaluation of Six Hospital-based Domestic Violence Programs and their Collective Efforts as the Maryland Health Care Coalition against Domestic Violence"

Capstone Advisor: Andrea Gielen \ Faculty Advisor: Danielle German

Susan Emmett

"Hearing Loss Is Associated With Decreased Nonverbal Intelligence in Rural Nepal"

Capstone Advisor: Keith West \ Faculty Advisor: Alfred Sommer

Jeffrey Hardesty

"Barriers to Non-small Cell Lung Cancer Trial Eligibility" Capstone Advisor \ Faculty Advisor: Norma Kanarek

Junichi Ishigami

"Chronic Kidney Disease and Risk for Gastrointestinal Bleeding in the Community:

The Atherosclerosis Risk in Communities (ARIC) Study"

Capstone Advisor \ Faculty Advisor: Kunihiro Matsushita

Master of Public Health Capstone AWARD RECIPIENTS May 2015

(continued)

Hannah Jones

"Learning from the Past: Using Public Health Successes and Failures to Guide Future Policy"

Capstone Advisor: Sara Bleich \ Faculty Advisor: Keshia Pollack

Nicky Mehtani

"Injecting Drug Use Associated with Increasing Relative Rate of AIDS-Associated Mortality
Despite Improvements in Antiretroviral Treatment"

Capstone Advisor: Richard Moore \ Faculty Advisor: Elizabeth Selvin

Nirmal Nair

"Early Detection of Communicable Diseases through Integration of Web Query and Social Media Data with Traditional Surveillance Tools - A Literature Review"

Capstone Advisor: Carlos Castillo-Salgado \ Faculty Advisor: Dagna Constenla

Molly Sauer

"Assessing the impacts of climate change on dengue fever: a systematic review" Capstone Advisor: Meghan Davis \ Faculty Advisor: Clive Shiff

Jeremy Tanner Louis Fink MPH Capstone Award - Recipient of \$500 prize

"Longitudinal Study of Entorhinal Cortex Thickness as a Biomarker of Preclinical Alzheimer's Disease"

Capstone Advisor: Marilyn Albert \ Faculty Advisor: George Rebok

Hoa (Holly) Vo

*"Perinatal Behaviors of Women Using Fertility Treatments"*Capstone Advisors: Tina Cheng, Kamila Mistry \ Faculty Advisor: William Moss