



JOHNS HOPKINS

BLOOMBERG SCHOOL
of PUBLIC HEALTH

Master of Public Health

Capstone Presentations

May 10, 2014

Program

Johns Hopkins Bloomberg School of Public Health

Baltimore, Maryland

MPH CAPSTONE SYMPOSIUM
SATURDAY, MAY 10, 2014
Johns Hopkins Bloomberg School of Public Health
615 N. Wolfe Street

8:00-8:30AM ***COFFEE AND BAGELS*** – GALLERY, 1ST FLOOR
(SESSION ONE PRESENTERS LOAD PRESENTATIONS ON LAPTOPS)

8:30-10:30AM ***MORNING SESSION ONE***

EPI & BIOST METHODS FOR PUBLIC HEALTH & CLINICAL RESEARCH
CONCENTRATION I – **Rosa Crum & Jose Flores, Room W3008**

EPI & BIOST METHODS FOR PUBLIC HEALTH & CLINICAL RESEARCH
CONCENTRATION II – **Marie Diener-West & Kevin Fain, Room W2008**

EPI & BIOST METHODS FOR PUBLIC HEALTH & CLINICAL RESEARCH
CONCENTRATION III – **Stephen Gange, Leonardo Collado Torres & Therri Usher
Room W2015**

FOOD, NUTRITION & HEALTH CONCENTRATION AND CUSTOMIZED –
Eliseo Guallar, Maria Carrasco & Elizabeth Chmielewski, Room W2017

HEALTH IN CRISIS & HUMANITARIAN ASSISTANCE CONCENTRATION AND
CUSTOMIZED – **Shannon Doocy & Mervyn Christian, Room W4030**

HEALTH LEADERSHIP & MANAGEMENT CONCENTRATION I –
Anbrasi Edward & Ann-Michele Gundlach, Room W2009

HEALTH SYSTEMS & POLICY CONCENTRATION I– **Shannon Frattaroli &
Abdullah Khoja, Room W2033**

INFECTIOUS DISEASES CONCENTRATION I – **Neal Halsey & Clive Shiff, Room
W2205**

PUBLIC HEALTH TOPICS I – **Donna Strobino & Shirin Wadhvaniya,
Room W3030**

PUBLIC HEALTH TOPICS II– **Randy Bryant, Susan Tonascia & Abdullah Albuthi,
Room W3031**

PUBLIC HEALTH TOPICS III – **Jackie Agnew & Megan Clayton, Room W4013**

PUBLIC HEALTH TOPICS IV – **Andrea Ruff & Poojitha Balakrishnan
Room W4019**

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

MPH CAPSTONE SYMPOSIUM

May 10, 2014
(CONTINUED)

**11:00AM-
1:00PM**

MORNING SESSION TWO

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

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

EPI & BIOST METHODS FOR PUBLIC HEALTH & CLINICAL RESEARCH
CONCENTRATION VI – **John McGready, Elizabeth Chmielewski & Leonardo
Collado Torres, Room W2015**

HEALTH LEADERSHIP & MANAGEMENT CONCENTRATION II –
Anbrasi Edward & Ann-Michele Gundlach, Room W2009

HEALTH SYSTEMS & POLICY CONCENTRATION II– **Shannon Frattaroli, Edyth
Schoenrich & Abdullah Khoja, Room W2033**

INFECTIOUS DISEASES CONCENTRATION II– **Kenrad Nelson & Clive Shiff
Room W2205**

PUBLIC HEALTH TOPICS V – **Eliseo Guallar & Maria Carrasco, Room W2017**

PUBLIC HEALTH TOPICS VI – **Shannon Doocy & Mervyn Christian, Room W4030**

PUBLIC HEALTH TOPICS VII – **Donna Strobino & Shirin Wadhvaniya, Room
W3030**

PUBLIC HEALTH TOPICS VIII – **Randy Bryant, Susan Tonascia & Abdullah
Albuti, Room W3031**

PUBLIC HEALTH TOPICS IX – **Jackie Agnew & Megan Clayton, Room W4013**

PUBLIC HEALTH TOPICS X – **Andrea Ruff & Poojitha Balakrishnan, Room
W4019**

1:00-2:00PM

LUNCH & AWARD ANNOUNCEMENTS – FEINSTONE HALL

Presentation Index, Alphabetical by Presenter

Session Name	Session Time	Presenter Name	Room
Epi & Biostat Methods for Public Health & Clinical Research Concentration I	8:30-10:30am	Kashif Abdullah	W3008
Public Health Topics IX	11:00am-1:00pm	Rebecca Abraham	W4013
Epi & Biostat Methods for Public Health & Clinical Research Concentration I	8:30-10:30am	Saviour Achilike	W3008
Epi & Biostat Methods for Public Health & Clinical Research Concentration I	8:30-10:30am	Percy Adonteng-Boateng	W3008
Public Health Topics II	8:30-10:30am	Ekta Agarwal	W3031
Public Health Topics X	11:00am-1:00pm	Olumoroti Aina	W4019
Epi & Biostat Methods for Public Health & Clinical Research Concentration I	8:30-10:30am	Eboselume Akhuemonkhan	W3008
Health Leadership & Management Concentration I	8:30-10:30am	Ruth Akindele	W2009
Epi & Biostat Methods for Public Health & Clinical Research Concentration I	8:30-10:30am	Jad Al Danaf	W3008
Epi & Biostat Methods for Public Health & Clinical Research Concentration I	8:30-10:30am	Mahmoud Al Rifai	W3008
Health Systems & Policy Concentration II	11:00am-1:00pm	Mae Aldossari	W2033
Public Health Topics V	11:00am-1:00pm	Sausan Alfaris	W2017
Epi & Biostat Methods for Public Health & Clinical Research Concentration I	8:30-10:30am	Safianu Alhassan	W3008
Infectious Diseases Concentration I	8:30-10:30am	Nouf Almaghlouth	W2205
Epi & Biostat Methods for Public Health & Clinical Research Concentration II	8:30-10:30am	Mohammad Almohammadi	W2008
Epi & Biostat Methods for Public Health & Clinical Research Concentration II	8:30-10:30am	Hatim AlSulaim	W2008
Epi & Biostat Methods for Public Health & Clinical Research Concentration II	8:30-10:30am	Hassan Alturki	W2008
Infectious Diseases Concentration I	8:30-10:30am	Mohammad Yaser Anwar	W2205
Epi & Biostat Methods for Public Health & Clinical Research Concentration II	8:30-10:30am	Sunjae Bae	W2008
Public Health Topics I	8:30-10:30am	Christina Balch	W3030
Food, Nutrition & Health Concentration & Customized	8:30-10:30am	Sadie Barr	W2017
Health in Crisis & Humanitarian Assistance Concentration & Customized	8:30-10:30am	Meghan Battle	W4030
Public Health Topics I	8:30-10:30am	Christina Baum	W3030
Food, Nutrition & Health Concentration & Customized	8:30-10:30am	Lindsay Beattie	W2017
Public Health Topics III	8:30-10:30am	Oliver Berrett	W4013
Epi & Biostat Methods for Public Health & Clinical Research Concentration II	8:30-10:30am	Jayalakshmi Bhat	W2008
Health Leadership & Management Concentration I	8:30-10:30am	Kasey Bond	W2009
Epi & Biostat Methods for Public Health & Clinical Research Concentration II	8:30-10:30am	Isaac Botchey	W2008
Epi & Biostat Methods for Public Health & Clinical Research Concentration II	8:30-10:30am	Lillian Buchhalter	W2008
Health in Crisis & Humanitarian Assistance Concentration & Customized	8:30-10:30am	Mary Chang	W4030
Epi & Biostat Methods for Public Health & Clinical Research Concentration II	8:30-10:30am	Mengxia Chen	W2008
Public Health Topics I	8:30-10:30am	Bingzhu Chia	W3030
Epi & Biostat Methods for Public Health & Clinical Research Concentration V	11:00am-1:00pm	Young Mee Choi	W2008
Public Health Topics IX	11:00am-1:00pm	Cathryn Christensen	W4013
Epi & Biostat Methods for Public Health & Clinical Research Concentration I	8:30-10:30am	Nkemdilim Chukwueme	W3008
Public Health Topics V	11:00am-1:00pm	Raymond Colliton	W2017
Epi & Biostat Methods for Public Health & Clinical Research Concentration III	8:30-10:30am	Francesca Coutinho	W2015
Health Systems & Policy Concentration I	8:30-10:30am	Kim Dam	W2033
Epi & Biostat Methods for Public Health & Clinical Research Concentration III	8:30-10:30am	Hannatu Dantata	W2015
Public Health Topics II	8:30-10:30am	Matthew DeFina	W3031
Epi & Biostat Methods for Public Health & Clinical Research Concentration III	8:30-10:30am	Kavita Dharamraj	W2015
Public Health Topics IV	8:30-10:30am	Anna DiColli	W4019
Public Health Topics V	11:00am-1:00pm	Deborah Dossick	W2017

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Public Health Topics III	8:30-10:30am	Andrew Doy	W4013
Public Health Topics II	8:30-10:30am	Natalie Draisin	W3031
Health Systems & Policy Concentration I	8:30-10:30am	Hayley Droppert	W2033
Public Health Topics VII	11:00am-1:00pm	Jason DuBroff	W3030
Public Health Topics X	11:00am-1:00pm	Mary Duvall	W4019
Epi & Biostat Methods for Public Health & Clinical Research Concentration III	8:30-10:30am	Aslam Ejaz	W2015
Public Health Topics I	8:30-10:30am	Sarah Elaraby	W3030
Public Health Topics VIII	11:00am-1:00pm	Eric Filemyr	W3031
Public Health Topics IV	8:30-10:30am	Alanna Fitzgerald-Husek	W4019
Health Systems & Policy Concentration II	11:00am-1:00pm	Ivanna Freddi	W2033
Health Leadership & Management Concentration I	8:30-10:30am	Margaret Gavor	W2009
Public Health Topics IV	8:30-10:30am	Kenneth Gibbs	W4019
Health Leadership & Management Concentration I	8:30-10:30am	Sheba Gopaul	W2009
Epi & Biostat Methods for Public Health & Clinical Research Concentration III	8:30-10:30am	Phillip Gross	W2015
Health Systems & Policy Concentration I	8:30-10:30am	Jaya Gupta	W2033
Epi & Biostat Methods for Public Health & Clinical Research Concentration III	8:30-10:30am	Shailvi Gupta	W2015
Infectious Diseases Concentration I	8:30-10:30am	Yohhei Hamada	W2205
Public Health Topics V	11:00am-1:00pm	Jennifer Harding	W2017
Public Health Topics III	8:30-10:30am	Rakibul Hasan	W4013
Epi & Biostat Methods for Public Health & Clinical Research Concentration III	8:30-10:30am	Ahmed Hassoon	W2015
Health in Crisis & Humanitarian Assistance Concentration & Customized	8:30-10:30am	Kaitlin Hayman	W4030
Public Health Topics VI	11:00am-1:00pm	John Hemming	W4030
Infectious Diseases Concentration I	8:30-10:30am	Triona Henderson	W2205
Health Leadership & Management Concentration II	11:00am-1:00pm	Ya-Luan Hsiao	W2009
Epi & Biostat Methods for Public Health & Clinical Research Concentration III	8:30-10:30am	Xiaohan Hu	W2015
Food, Nutrition & Health Concentration & Customized	8:30-10:30am	Alison Huang	W2017
Epi & Biostat Methods for Public Health & Clinical Research Concentration IV	11:00am-1:00pm	Brian Huang	W3008
Health in Crisis & Humanitarian Assistance Concentration & Customized	8:30-10:30am	Irfan Husain	W4030
Epi & Biostat Methods for Public Health & Clinical Research Concentration IV	11:00am-1:00pm	Alexander Jenson	W3008
Public Health Topics V	11:00am-1:00pm	Nadia Junaid	W2017
Public Health Topics VII	11:00am-1:00pm	David Kalikhman	W3030
Public Health Topics I	8:30-10:30am	Eugene Kane	W3030
Health Systems & Policy Concentration I	8:30-10:30am	Sneha Kanneganti	W2033
Public Health Topics III	8:30-10:30am	Ayu Katada	W4013
Health Systems & Policy Concentration II	11:00am-1:00pm	Hemjot Kaur	W2033
Food, Nutrition & Health Concentration & Customized	8:30-10:30am	Maureen Khasira	W2017
Public Health Topics IX	11:00am-1:00pm	Kari Kindschi	W4013
Epi & Biostat Methods for Public Health & Clinical Research Concentration IV	11:00am-1:00pm	Michael King	W3008
Public Health Topics VIII	11:00am-1:00pm	Yvonne Kingon	W3031
Public Health Topics VIII	11:00am-1:00pm	Hui Ling Li	W3031
Public Health Topics III	8:30-10:30am	Ping Li	W4013
Epi & Biostat Methods for Public Health & Clinical Research Concentration IV	11:00am-1:00pm	Caiyun Liao	W3008
Public Health Topics VI	11:00am-1:00pm	Patricia Loo	W4030

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Public Health Topics VIII	11:00am-1:00pm	Tahir Mahmood	W3031
Public Health Topics IX	11:00am-1:00pm	Amita Maibam	W4013
Public Health Topics VII	11:00am-1:00pm	Monica Majumdar	W3030
Public Health Topics X	11:00am-1:00pm	Kaushik Mandal	W4019
Public Health Topics VI	11:00am-1:00pm	Luis Marcos	W4030
Public Health Topics VIII	11:00am-1:00pm	Christine McKenna	W3031
Food, Nutrition & Health Concentration & Customized	8:30-10:30am	Cassandra Mickish	W2017
Health Systems & Policy Concentration I	8:30-10:30am	Matthew Molloy	W2033
Health Leadership & Management Concentration II	11:00am-1:00pm	Eliana Monteforte	W2009
Health Systems & Policy Concentration I	8:30-10:30am	Jinhee Moon	W2033
Epi & Biostat Methods for Public Health & Clinical Research Concentration IV	11:00am-1:00pm	Amanda Morden	W3008
Epi & Biostat Methods for Public Health & Clinical Research Concentration IV	11:00am-1:00pm	Neeraja Nagarajan	W3008
Infectious Diseases Concentration I	8:30-10:30am	Srinivas Acharya Nanduri	W2205
Public Health Topics II	8:30-10:30am	Marcelo Naveira	W3031
Health Systems & Policy Concentration II	11:00am-1:00pm	Gaurvika Nayyar	W2033
Public Health Topics VIII	11:00am-1:00pm	Shakira Nelson	W3031
Epi & Biostat Methods for Public Health & Clinical Research Concentration V	11:00am-1:00pm	Howard Nelson-Williams	W2008
Epi & Biostat Methods for Public Health & Clinical Research Concentration IV	11:00am-1:00pm	Tochukwu Njebuome	W3008
Health Systems & Policy Concentration II	11:00am-1:00pm	Joseph Nwadiuko	W2033
Infectious Diseases Concentration II	11:00am-1:00pm	Mutsa Nyakabau	W2205
Epi & Biostat Methods for Public Health & Clinical Research Concentration V	11:00am-1:00pm	Titilope Oduyebo	W2008
Health Systems & Policy Concentration I	8:30-10:30am	Hyesung Oh	W2033
Health in Crisis & Humanitarian Assistance Concentration & Customized	8:30-10:30am	Elohor Okpeva	W4030
Public Health Topics V	11:00am-1:00pm	Thomas Onyia	W2017
Public Health Topics X	11:00am-1:00pm	Anne Palumbo	W4019
Infectious Diseases Concentration II	11:00am-1:00pm	Apar Patel	W2205
Epi & Biostat Methods for Public Health & Clinical Research Concentration V	11:00am-1:00pm	Siddharth Patel	W2008
Health in Crisis & Humanitarian Assistance Concentration & Customized	8:30-10:30am	Dawn Pepin	W4030
Public Health Topics II	8:30-10:30am	Emily Pieracci	W3031
Epi & Biostat Methods for Public Health & Clinical Research Concentration V	11:00am-1:00pm	Aishwarya Prasad	W2008
Public Health Topics I	8:30-10:30am	Vinayak Prasad	W3030
Infectious Diseases Concentration II	11:00am-1:00pm	Justin Price	W2205
Public Health Topics IX	11:00am-1:00pm	Max Romano	W4013
Food, Nutrition & Health Concentration & Customized	8:30-10:30am	Stephanie Sabourin	W2017
Epi & Biostat Methods for Public Health & Clinical Research Concentration V	11:00am-1:00pm	Monsurah Salami	W2008
Public Health Topics VII	11:00am-1:00pm	Amanda Samson	W3030
Infectious Diseases Concentration II	11:00am-1:00pm	Roger Samuels	W2205
Public Health Topics X	11:00am-1:00pm	Michelle Santoro	W4019
Public Health Topics VI	11:00am-1:00pm	Kohta Satake	W4030
Epi & Biostat Methods for Public Health & Clinical Research Concentration V	11:00am-1:00pm	Patrick Sayre	W2008
Public Health Topics IV	8:30-10:30am	Nicoline Schiess	W4019
Public Health Topics IV	8:30-10:30am	Majid Shafiq	W4019

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Session Name	Session Time	Presenter Name	Room
Epi & Biostat Methods for Public Health & Clinical Research Concentration V	11:00am-1:00pm	Jamilah Shakir	W2008
Public Health Topics II	8:30-10:30am	Lauren Shapiro	W3031
Epi & Biostat Methods for Public Health & Clinical Research Concentration VI	11:00am-1:00pm	Meesha Sharma	W2015
Health Systems & Policy Concentration II	11:00am-1:00pm	Juli Shepel	W2033
Epi & Biostat Methods for Public Health & Clinical Research Concentration VI	11:00am-1:00pm	Vini Singh	W2015
Public Health Topics VI	11:00am-1:00pm	Young Hwa Song	W4030
Epi & Biostat Methods for Public Health & Clinical Research Concentration VI	11:00am-1:00pm	Amar Srivastava	W2015
Health Leadership & Management Concentration II	11:00am-1:00pm	Jomiany Tani Sufian	W2009
Public Health Topics IX	11:00am-1:00pm	Agnes Sundaresan	W4013
Public Health Topics II	8:30-10:30am	Shini Tsai	W3031
Health Systems & Policy Concentration I	8:30-10:30am	Jose Miguel Uribe Restrepo	W2033
Food, Nutrition & Health Concentration & Customized	8:30-10:30am	Jessica VanHook	W2017
Public Health Topics III	8:30-10:30am	Alexander Vannoni	W4013
Health Systems & Policy Concentration II	11:00am-1:00pm	Reetu Verma	W2033
Public Health Topics VII	11:00am-1:00pm	Michael Vertenten	W3030
Epi & Biostat Methods for Public Health & Clinical Research Concentration VI	11:00am-1:00pm	Annie Voskertchian	W2015
Health Systems & Policy Concentration II	11:00am-1:00pm	Natalie Whaley	W2033
Epi & Biostat Methods for Public Health & Clinical Research Concentration VI	11:00am-1:00pm	Megan Wolf	W2015
Public Health Topics VII	11:00am-1:00pm	Jeffrey Woolford	W3030
Epi & Biostat Methods for Public Health & Clinical Research Concentration VI	11:00am-1:00pm	Samuel Yang	W2015
Public Health Topics VI	11:00am-1:00pm	Fan Yu	W4030
Public Health Topics VIII	11:00am-1:00pm	Ariella Zbar	W3031
Epi & Biostat Methods for Public Health & Clinical Research Concentration VI	11:00am-1:00pm	Xuan Zhang	W2015
Health Leadership & Management Concentration II	11:00am-1:00pm	Abigail Zier	W2009

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

8:30-10:30am Moderators: **Rosa Crum** **Jose Flores**

- Safianu Alhassan** *Racial disparities in pain management outcomes among echo trauma patients*
- Saviour Achilike** *Effect of Stress Life Events on Cognition in the Aging*
- Percy Adonteng-Boateng** *Does patient satisfaction with the domains of inpatient care vary with the volume of heart failure patients seen in a hospital?*
- Kashif Abdullah** *Prevalence of HPV in HIV + women with Anal Carcinoma*
- Eboselume Akhuemonkhan** *Cross sectional association between lifestyle risk factors and family history of diabetes & cardiovascular disease*
- Jad Al Danaf** *Doctor: What is my blood pressure?*
- Mahmoud Al Rifai** *sRAGE, Inflammation, and Risk of Atrial Fibrillation: Results from the Atherosclerosis Risk in Communities (ARIC) Study*
- Nkemdilim Chukwueme** *Where are the TB cases? A geo-spatial analysis of active TB cases in a high burden country.*
-

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

8:30-10:30am Moderators: **Marie Diener-West** **Kevin Fain**

- Sunjae Bae** *The effect of weight change on the risk of hospitalization.*
- Mengxia Chen** *Association between dental anxiety and dental utilization among adults in Appalachia and other impacting factors of dental utilization*
- Hassan Alturki** *Epidemiology of rectal surgeries for rectal cancer in the US: 2002-2011*
- Lillian Buchhalter** *Immune Comorbidities in Children with Autism*
- Jayalakshmi Bhat** *Association of Maternal Syphilis with Mother to Infant HIV Transmission*
- Hatim AlSulaim** *Mortality After Isolated Traumatic Brain Injury: Do Trauma Centers Save Lives?*
- Mohammad Almohammadi** *Substance abuse and Long-term Mortality among Severely Hypertensive African Americans: A prospective cohort study*
- Isaac Botchey** *Association between age and type of vascular access at incident hemodialysis*
-

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

8:30-10:30am Moderators: **Stephen Gange** **Leonardo Collado Torres** **Therri Usher**

- Ahmed Hassoon** *Effects of Dietary Patterns on Vitamin D, Parathyroid Hormone, Calcium and Phosphate: Results from DASH Trial*
- Hannatu Dantata** *In the Masala Cohort of South Asian Men and Women, LSS is associated with measures of subclinical atherosclerosis*
- Francesca Coutinho** *Factors associated with completion of HPV vaccine series among young males seen at Johns Hopkins Community Physician clinics*
- Xiaohan Hu** *Does the effect of the DASH diet on blood pressure differ by age? A subgroup analysis of the DASH trial*
- Aslam Ejaz** *Variation in Hemoglobin Triggers and Utilization for Intraoperative Blood Transfusion Across Surgical Specialties*
- Shailvi Gupta** *Surgical Needs of Nepal: Pilot study of a population based survey in Pokhara, Nepal*
- Phillip Gross** *The Effect of Dietary Patterns on Estimated Cardiovascular Disease Risk*
- Kavita Dharamraj** *The Association Between Physical Activity and Blood Pressure Levels Among Persons With Type 2 Diabetes at a Public Health Centre in Southwest Trinidad.*
-

Food, Nutrition & Health Concentration & Customized

W2017

8:30-10:30am

Moderators: Eliseo Guallar

Maria Carrasco

Elizabeth Chmielewski

Stephanie Sabourin

A Political History of the Child Nutrition Reauthorization Healthy, Hungry Free Kids Act of 2010

Maureen Khasira

A Study of the Association between Dietary Intake of Polyunsaturated Fatty Acids and Pulmonary Function

Alison Huang

Differences in nutritional value of products marketed to children before and after release of the Uniform Nutrition Criteria

Lindsay Beattie

Baltimore City Food Pantries: An Understanding of the Emergency Food Assistance System and Its Demand

Cassandra Mickish

The Special Supplemental Nutrition Program for Women, Infants, and Children (WIC) food package revisions and dietary patterns of mothers and toddlers

Jessica VanHook

Review of Federal Food Safety Regulatory Oversight in the United States

Sadie Barr

Challenging School Food Policy: Why Nutrition Standards For School Meals may be at Odds with Health Promotion and Obesity Prevention

Health in Crisis & Humanitarian Assistance Concentration & Customized

W4030

8:30-10:30am

Moderators: Shannon Doocy

Mervyn Christian

Irfan Husain

Mobile Phone Behavior Among Syrian Refugee Women: Implications for Sexual and Gender-based Violence mHealth Interventions

Elohor Okpeva

Public Health Preparedness in Nigeria: Developing Frameworks to Mitigate Health Risks During Disasters

Kaitlin Hayman

Assessing the Burden of Cardiovascular Morbidity and Mortality in Humanitarian Emergencies

Dawn Pepin

Migrant Children in Lebanon

Meghan Battle

Building local capacity for strategic planning in Cambodia

Mary Chang

Assessment of Social Action for Women's health services for the Thailand-Burma border migrant community

Health Leadership & Management Concentration I

W2009

8:30-10:30am **Moderators:** **Anbrasi Edward** **Ann-Michele Gundlach**

- Ruth Akindele** *Continuous Quality Improvement in CHADIS Implemented Developmental Screening: A Program Plan for Total Child Health Incorporation*
- Kasey Bond** *The importance of standardized quality measures: A project evaluation in palliative care*
- Margaret Gavor** *Disparities in bariatric surgery use and outcomes in minorities*
- Sheba Gopaul** *To Assess the Validity of Administrative Data used to Identify Hospital-Acquired Pressure Ulcers: Analysis of John Hopkins Hospital Administrative Data Compared to the NDNQI Pressure Ulcer Survey Prevalence Report*
-

Health Systems & Policy Concentration I

W2033

8:30-10:30am **Moderators:** **Shannon Frattaroli** **Abdullah Khoja**

- Sneha Kanneganti** *Impact of Results Based Financing on Hospital Performance*
- Jose Miguel Uribe Restrepo** *Presenteeism and absenteeism among depressive patients in five cities of Colombia*
- Matthew Molloy** *Short-term Outcomes of Pediatric Minor Injuries Sustained at Home*
- Hayley Droppert** *Motivations for Corporate Social Responsibility Activities in Developing Countries: An Exploratory Study of Pharmaceutical and Medical Device Firms from a Public Health Perspective*
- Hyesung Oh** *Disparities in Alcohol Abuse Risk: Neighborhood Segregation and Poverty*
- Jinhee Moon** *Cost-effectiveness of Qsymia (a fixed dose combination drug of phentermine and topiramate) vs. behavioral interventions to treat obesity*
- Jaya Gupta** *Health Systems Strengthening in Afghanistan: A Gender Analysis*
- Kim Dam** *Sex trafficking, Violence and HIV/AIDS among Female Sex Workers (FSW) in Burkina Faso*
-

Infectious Diseases Concentration I

W2205

8:30-10:30am **Moderators: Neal Halsey** **Clive Shiff**

- Yohhei Hamada** *The association between hepatitis C virus infection, liver fibrosis, and proteinuria*
- Nouf Almaghlouth** *HIV/Hepatitis C co-infection and the risk of Hepatocellular cancer*
- Mohammad Yaser Anwar** *Infectious diseases trends in Afghanistan, in the decade of political transition (2004-2013)*
- Triona Henderson** *Viral Gastroenteritis in Immunocompromised versus Immunocompetent Individuals*
- Srinivas Acharya Nanduri** *A review of influenza vaccination in the elderly*
-

Public Health Topics I

W3030

8:30-10:30am **Moderators: Donna Strobino** **Shirin Wadhvaniya**

- Christina Balch** *Evaluation of a Community Supported Agriculture (CSA) Rebate Program in Wisconsin*
- Christina Baum** *Malaria's Global History, Legacy, and Impact: A Comparison of National Malaria Control Efforts in South Africa, Malawi, Brazil, Mexico and India*
- Vinayak Prasad** *The Chemoprevention of Breast Cancer: Is it Worth It?*
- Eugene Kane** *Examining the Existing Research Informed Consent Process*
- Sarah Elaraby** *Emergency Education as a psychosocial support intervention for Syrian Refugee children (6-14 Years) in Lebanon*
- Bingzhu Chia** *Healthcare in Singapore with a Focus on Long Term Care*
-

Public Health Topics II

W3031

8:30-10:30am **Moderators: Randy Bryant** **Susan Tonascia** **Abdullah Albuthi**

- Lauren Shapiro** *Improving patient transitions from acute care to inpatient rehabilitation facilities*
- Emily Pieracci** *Incidence of Dog Bite-Associated Outpatient Visits in Maryland Healthcare Settings from 2008-2012*
- Marcelo Naveira** *Assessment of Diarrheal Diseases in Lao People's Democratic Republic and Potential Health Impact by Hydropower Development*
- Matthew DeFina** *Public Health Implications of Current Federal Drug and Chemical Evaluation Programs*
- Shini Tsai** *The Impact of the Drug Shortage Crisis on the Healthcare System*
- Natalie Draisin** *Steering Clear of Drunk Driving*
- Ekta Agarwal** *Association between Adherence to Dabigatran and Gastrointestinal Hemorrhage in Patients with Atrial Fibrillation*
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Public Health Topics III

W4013

8:30-10:30am **Moderators: Jackie Agnew** **Megan Clayton**

- Ayu Katada** *Trends in the Pharmacologic Treatment of Type 2 Diabetes in Japan*
- Oliver Berrett** *Tactical Emergency Assessment and Medical Management (TEAMM): A training supplement to update the paradigm for civilian Emergency Medical Services response to Active Shooter and Mass Causality Incidents*
- Andrew Doy** *Study of Preventive Services Provision in a Private Primary Care Group Practice in Maryland*
- Rakibul Hasan** *Determinants of infant mortality in Bangladesh*
- Alexander Vannoni** *Determining the Commercial Viability of Health Communication Products/Services: A Selective Review of the JHU-CCP Portfolio*
- Ping Li** *Renal denervation in ESRD patients*
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Public Health Topics IV

W4019

8:30-10:30am **Moderators: Andrea Ruff** **Poojitha Balakrishnan**

- Peter Luckow** *Gender differences across the HIV treatment cascade: A systematic review*
- Anna DiColli** *Best Practices and Recommendations for Successful Cultural Tailoring and Cultural Targeting*
- Kenneth Gibbs** *Disparate Biomedical Ph.D. Career Interest by Preferences by Race/Ethnicity & Gender*
- Alanna Fitzgerald-Husek** *Measuring Stigma Among Key Populations: A Systematic Review Protocol*
- Majid Shafiq** *Management of malignant pleural effusion: a cost-utility analysis*
- Nicoline Schiess** *Sleepy Students: Correcting Bad Habits to Improve Patient Care*
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Epi & Biostat Methods for Public Health & Clinical Research Concentration IV

W3008

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

Jose Flores

- Neeraja Nagarajan** *Comparison of Liquid Based Preparations vs. Conventional Smears for Thyroid Fine-Needle Aspiration: An Inter-Institutional Study*
- Tochukwu Njebuome** *Determinants of comprehensive HIV/AIDS knowledge among young women in Nigeria*
- Alexander Jenson** *Association Between Communication of Community Treatment Assistants and Future Mass Drug Administration for Trachoma in Tanzania*
- Amanda Morden** *Catheter duration and risk of complications in children after discharge from the hospital*
- Caiyun Liao** *An In-House Clinical Comparison of Pituitary Down-Regulation with Depot Dose vs. Daily Low-Dose Luteal Phase Gonadotropin Releasing Hormone Agonist for Assisted Fertilization Treatments*
- Michael King** *Factors Associated with Initiation and Completion of Preventive Therapy for Latent TB Infection at a U.S. University*
- Brian Huang** *Polymorphisms in genes related to obesity and inflammation and the risk for colorectal adenomas*
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Epi & Biostat Methods for Public Health & Clinical Research Concentration V

W2008

11:00am-1:00pm Moderators: Marie Diener-West Kevin Fain

- Siddharth Patel** *Clockwise and counterclockwise rotation of QRS transitional zone and incident cardiovascular events: The Atherosclerosis Risk in Communities (ARIC) Study*
- Patrick Sayre** *Gender-specific association of retinal microvascular signs with subclinical myocardial injury: The ARIC study*
- Titilope Oduyebo** *Lymphopenia as an independent prognostic factor in cervical cancer*
- Monsurah Salami** *Prevalance and Risk Factors for Trachoma After Three Annual Rounds of Mass Drug Administration in Kongwa, Tanzania*
- Howard Nelson-Williams** *Do patients treated for isolated hip fracture at a trauma center (level I or II) do better than those treated at a non-trauma hospital (or level III center)*
- Young Mee Choi** *Survival outcome in patients removed from liver transplant waiting list*
- Jamilah Shakir** *Predictors for current Intrauterine device (IUD) use vs bilateral tubal ligation (BTL) among reproductive age women*
- Aishwarya Prasad** *Factors influencing change in PTSD score over time, in orphan and vulnerable children*
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Epi & Biostat Methods for Public Health & Clinical Research Concentration VI

W2015

11:00am-1:00pm Moderators: John McGready Leonardo Collado Torres Elizabeth Chmielewski

- Annie Voskertchian** *Kidney Function and Risk of Hospitalized Bone Fracture*
- Xuan Zhang** *Levels and Determinants of Community Health Worker (CHW) Contact with Women of Reproductive Age in their Households in Zone 3 of Dhaka City*
- Vini Singh** *Lung Cancer Treatment Prediction Interval*
- Amar Srivastava** *The association between age and tumor upgrade among prostate cancer patients under active surveillance*
- Samuel Yang** *Geographical Analysis of HIV-infected MSM individuals in Moscow, Russia*
- Meesha Sharma** *Factors Affecting HIV Treatment Adherence Among Children in Zambia*
- Megan Wolf** *HIV/STD Knowledge Among Truck Drivers in India*
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Health Leadership & Management Concentration II

W2009

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

Jomiany Tani Sufian *The causes of child mortality under age of five and potential problems in death registration system in Iraq*

Ya-Luan Hsiao *Safety concerns and potential negative health impacts of electronic cigarettes: A literature review*

Abigail Zier *Ethics and Learning Health Care Systems*

Eliana Monteforte *Activity-Based Costing of Nine Maternal Child Health Services in Luanda, Angola: Hospital Provincial Augusto N'Gangula*

Health Systems & Policy Concentration II

W2033

11:00am-1:00pm Moderators: Shannon Frattaroli Edyth Schoenrich Abdullah Khoja

Hemjot Kaur *Does laboratory pain testing predict clinical pain in TMJD?*

Ivanna Freddi *Real World Evidence. Connecting Stakeholders to Share the Big Data in Measuring Outcomes and Generating Value*

Joseph Nwadiuko *The Diaspora Health Network: A Business Plan*

Mae Aldossari *Systematic Review of Literature on Health Issues in Hajj*

Natalie Whaley *Evaluation of public health impact of changes of medical abortion protocol*

Reetu Verma *Impact of Health Spending on Incidence of Mumps, Pertussis and Rubella Across the United States from 1987 to 2007*

Juli Shepel *Study on Intermittent Preventive Therapy for Malaria in Pregnancy (IPTp) in the Democratic Republic of Congo (DRC)*

Gaurvika Nayyar *SWOT analysis of UNODC-WHO-Interpol trilateral mechanism of global governance to combat poor quality medicines*

Infectious Diseases Concentration II

W2205

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

- Roger Samuels** *Retrospective Review of Lyme Referral Center Outcomes*
- Justin Price** *Influenza and Antigenic Variation: the Challenges to a Universal Vaccine*
- Mutsa Nyakabau** *The use of GIS to study the epidemiology of Malaria in the Mutasa District of Zimbabwe*
- Apar Patel** *Infections in Post-Kidney Transplant Patients*
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Public Health Topics V

W2017

11:00am-1:00pm Moderators: **Eliseo Guallar** **Maria Carrasco**

- Raymond Colliton** *Available But Not Accessible, Barriers to Accessing Suboxone Treatment for Heroin Addiction*
- Nadia Junaid** *The Descriptive Epidemiology of Female Breast Cancer in Maryland: A County-Wise Comparison of Incidence, Mortality, Risk Factors and Screening Prevalence*
- Deborah Dossick** *Association between Unconscious Race and Social Class Bias Among Acute Care Surgical Providers and the Clinical Treatment of Minority Patients*
- Thomas Onyia** *Program Proposal for Youth Leadership in Baltimore*
- Sausan Alfariis** *Community Health Needs Assessment for Oral Cancer in Maryland*
- Jennifer Harding** *An Assessment of Social and Structural Influences Associated with Adolescent Pregnancy in Newala, Tanzania*
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Public Health Topics VI

W4030

11:00am-1:00pm Moderators: Shannon Doocy Mervyn Christian

- Young Hwa Song** *BHLI Buprenorphine Treatment Program in Baltimore*
- Fan Yu** *Evaluation of the Kennedy Krieger Institute's Clinical Outcomes Program for Outpatient Behavioral Services*
- Patricia Loo** *Experiences and Findings from the Analysis of a Baseline Household Survey for the Curamericas Global Child Survival Project in Huehuetenango, Guatemala*
- John Hemming** *Medical Residency Experiences in Integrated Behavioral Health*
- Luis Marcos** *A retrospective study of the epidemiology of reported leprosy cases in Mississippi, 1895-2013: Is leprosy re-emerging in Mississippi?*
- Kohta Satake** *cost effectiveness analysis of mobile health application on diabetes management*
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Public Health Topics VII

W3030

11:00am-1:00pm Moderators: Donna Strobino Shirin Wadhvaniya

- Michael Vertenten** *Military Health System and Built Environment Policy: Literature Review*
- Jeffrey Woolford** *Visual Effect of In-Flight High Contrast Visor Usage with Multi-Functional Color Displays*
- David Kalikhman** *Analysis of Suicide/Depression and Interventions*
- Amanda Samson** *Mental Health Issues and Gun Violence Policy*
- Monica Majumdar** *Primary Angiitis of the Central Nervous System: a Review of the Literature*
- Jason DuBroff** *Reengaging and Retaining Lost to Follow Up HIV-Positive Patients*
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Public Health Topics VIII

W3031

11:00am-1:00pm Moderators: Randy Bryant Susan Tonascia Abdullah Albuthi

- Ariella Zbar** *The Johns Hopkins Primary Care Assessment Tool (PCAT): a review of its use in evaluating patient experience of primary care quality and the implications for public health*
- Eric Filemyr** *Presenting the National HIV Behavioral Surveillance's BESURE Study's Findings for Lay Audiences*
- Christine McKenna** *Comprehensive review of pre-clinical stigma interventions for MSM and FSW*
- Yvonne Kingon** *Universal Newborn HIV Screening in Maryland: / A Public Health Problem Analysis and Policy Recommendation /*
- Hui Ling Li** *Why Institutions Matter: A comparison study of Malaria Control Programs in Madagascar and South Africa*
- Shakira Nelson** *Correlation of urinary estrogens and gut microbiota with selected intestinal cytokines*
- Tahir Mahmood** *Development of plan for the establishment of Cancer Registry at Lahore-Pakistan*
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Public Health Topics IX

W4013

11:00am-1:00pm Moderators: Jackie Agnew Megan Clayton

- Cathryn Christensen** *Community-based primary health care in post-conflict reconciliation: Kigutu, Burundi*
- Rebecca Abraham** *School-Based Health Centers' Role in Reducing Sexually Transmitted Infections in Adolescents*
- Kari Kindschi** *Head Impact Exposure in Men's Collegiate Lacrosse Players*
- Max Romano** *The effect of care continuity on overused testing in Medicare*
- Amita Maibam** *The public health impact of early initiation of antiretroviral therapy in Africa*
- Agnes Sundaresan** *Occupational and environmental risk factors for chronic rhinosinusitis*
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Public Health Topics X

W4019

11:00am-1:00pm Moderators: Andrea Ruff Poojitha Balakrishnan

- Michelle Santoro** *Cutting to the Chase on Male Circumcision Status: Pilot Testing an Informed Choice Tool in Namibia*
- Olumoroti Aina** *Social and Behavioural determinants of Mother to Child Transmission*
- Kaushik Mandal** *Inflammatory pathways and mediators controlling maladaptive cardiac remodeling in congestive heart failure- experimental, clinical evidence and therapeutic implications"*
- Anne Palumbo** *Acute Neurological Syndrome in HIV Infected Patients in Santa Cruz, Bolivia, an Area Endemic for Both Chagas Disease and Toxoplasmosis*
- Mary Duvall** *Radiation Releases from Unconventional Recovery of Natural Gas from Shale Deposits: Are We Trading Tomorrow for Today?*
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Master of Public Health Capstone
AWARD RECIPIENTS
May 2014

Special honors are given to the 14 students listed below for the best overall capstone written projects. These students will receive an MPH capstone award plaque for outstanding achievement.

Sunjae Bae

*“Association of Obesity and the Risk of All-cause and Cause-specific Hospitalization:
The Atherosclerosis Risk in Communities (ARIC) Study”*

Capstone Advisor \ Faculty Advisor: Hsin-Chieh Jessica Yeh

Kasey Bond

“The Importance of Standardized Quality Measure: A Project Evaluation in Palliative Care”

Capstone Advisor: \ Faculty Advisor: Sydney Dy

Emily Cisney

“A Quantitative Real-time PCR Method to Detect Submicroscopic Parasitemia and Artesunate Late Treatment Failure in Patients with Uncomplicated Plasmodium falciparum Malaria in Western Cambodia”

Capstone Advisor: David Sullivan \ Faculty Advisor: Gary Ketner

Meredith Clancy

“Evaluation of Salmonella In Reptiles at the Wildlife Conservation Society's Bronx Zoo, 2000-2012”

Capstone Advisors: Kenrad Nelson and Meghan Davis

Alison Huang

“Differences in Nutritional Value of Products Marketed to Children After Release of the Uniform Nutrition Criteria”

Capstone Advisor: Stephen Teret \ Faculty Advisor: Kristen Hurley

Alexander Jenson

“Association Between Communication of Community Treatment Assistants and Future Mass Drug Administration for Trachoma in Tanzania”

Capstone Advisor \ Faculty Advisor: Sheila West

Jinhee Moon

“Cost-effectiveness of Qsymia® (a fixed dose combination drug of phentermine and topiramate) vs. behavioral interventions to treat obesity”

Capstone Advisor: G. Caleb Alexander \ Faculty Advisor: Jon Vernick

Dawn Pepin

Dr. Samar Alsaggaf MPH Capstone Award for Women’s Health - Recipient of \$500 prize

“Domestic Workers and Their Children in Lebanon: A Violation of International Law?”

Capstone Advisor: Lainie Rutkow \ Faculty Advisor: Leonard Rubenstein

Master of Public Health Capstone

AWARD RECIPIENTS

May 2014

(continued)

Amanda Perkins

Dr. Samar Alsaggaf MPH Capstone Award for Women's Health - Recipient of \$500 prize

*"Improving Global Monitoring of Maternal, Neonatal and Child Health Coverage Indicators:
Understanding Gaps in Country Data"*

Capstone Advisor: Jennifer Bryce \ Faculty Advisor: Laura Caulfield

Kristine Rose

"Factors Influencing Rotavirus Vaccine Failure in Rural Matlab, Bangladesh"

Capstone Advisor: David Sack \ Faculty Advisor: Gary Ketner

Roger Samuels

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

"A Profile of 100 Patients Presenting to a Referral Center with a Concern for Chronic Lyme Disease"

Capstone Advisor \ Faculty Advisor: Douglas Norris

Michelle Santoro

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

"Cutting to the Chase on Male Circumcision Status: Pilot Testing an Informed Choice Tool in Namibia"

Capstone Advisor \ Faculty Advisor: Duff Gillespie

Jenna Schiffelbein

Department of Environmental Health Sciences MPH Capstone Award - Recipient of \$500 prize

"Interventions to Increase Stair Use in the Workplace: A Systematic Review and Meta-Analysis"

Capstone Advisor: Caitlin Kennedy \ Faculty Advisor: Katherine Clegg Smith

Lauren Spigel

*"Everyone will find out:' Barriers of accessing sexual and reproductive health services and information
among youth in rural Nicaragua"*

Capstone Advisor \ Faculty Advisor: Alain Labrique