



JOHNS HOPKINS
BLOOMBERG SCHOOL
of PUBLIC HEALTH

Master of Public Health
Capstone Presentations
May 13, 2017

Program

Johns Hopkins Bloomberg School of Public Health

Baltimore, Maryland

MPH CAPSTONE SYMPOSIUM
SATURDAY, MAY 13, 2017

AGENDA

- 7:15-8:30AM ***COFFEE AND BAGELS*** – FEINSTONE HALL (E2030), 2ND FLOOR
(SESSION ONE PRESENTERS LOAD PRESENTATIONS ON COMPUTERS)
- 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 & Vinita Subramanya, Room W2008**
- 7:45-10:30AM EPI & BIOST METHODS FOR PUBLIC HEALTH & CLINICAL RESEARCH
CONCENTRATION III – **John McGready & Stephen Cristiano, Room W2015**
- 8:30-10:30AM FOOD, NUTRITION & HEALTH CONCENTRATION AND CUSTOMIZED –
Keith West & Jaya Gupta, 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 I AND
CUSTOMIZED – **Courtland Robinson & Shannon Doocy, Room W4030**
- 8:30-10:30AM HEALTH LEADERSHIP & MANAGEMENT CONCENTRATION AND CUSTOMIZED –
Eric Ford & Anbrasi Edward, Room W2030
- 8:30-10:30AM HEALTH SYSTEMS & POLICY CONCENTRATION I – **Shannon Frattaroli & Paulani
Mui, Room W2033**
- 8:30-10:30AM HEALTH SYSTEMS & POLICY CONCENTRATION II – **Shivam Gupta & Nukhba Zia, Room
E6519**
- 8:30-10:30AM INFECTIOUS DISEASES CONCENTRATION I AND CUSTOMIZED – **Noreen Hynes &
Kenrad Nelson, Room W4007**
(Students must return to this room to attend Public Health Topics V in the 11am-1:00pm session)
- 8:30-10:30AM MPH/MBA I – **Douglas Hough & Paul Whong, Room E9519**
- 8:30-10:30AM PUBLIC HEALTH TOPICS I – **Randy Bryant & Danielle Edwards, Room W3030**
(Students must return to this room to attend Public Health Topics VI in the 11am-1:00pm session)
- 8:30-10:30AM PUBLIC HEALTH TOPICS II – **Susan Tonascia & Raimee Eck, 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 – **Donna Strobino & Madhuram Nagarajan, 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 & Jeffrey Hardesty, Room W4019**
(Students in this session must attend Public Health Topics VI, Room W3030 in the 11am-1:00pm session)

MPH CAPSTONE SYMPOSIUM
SATURDAY, MAY 13, 2017

AGENDA

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

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

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

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

EPI & BIOST METHODS FOR PUBLIC HEALTH & CLINICAL RESEARCH
CONCENTRATION VI – **John McGready & Stephen Cristiano, Room W2015**

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

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

HEALTH SYSTEMS & POLICY CONCENTRATION III – **Shannon Frattaroli &
Jaya Gupta, Room W2033**

HEALTH SYSTEMS & POLICY CONCENTRATION IV – **Andrea Ruff & Nukhba
Zia, Room E6519**

MPH/MBA II – **Douglas Hough & Paul Whong, Room E9519**

PUBLIC HEALTH TOPICS V – **Noreen Hynes, Kenrad Nelson & Clive Shiff, Room W4007**

PUBLIC HEALTH TOPICS VI - **Randy Bryant & Danielle Edwards, Room W3030**

PUBLIC HEALTH TOPICS VII – **Keith West & Raimee Eck, Room W2017**

PUBLIC HEALTH TOPICS VIII – **Donna Strobino & Ayodeji Awopegba, Room W4013**

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

Session Index

Epi & Biostat Methods for Public Health & Clinical Research Concentration I	13
Epi & Biostat Methods for Public Health & Clinical Research Concentration II	14
Epi & Biostat Methods for Public Health & Clinical Research Concentration III	15
Epi & Biostat Methods for Public Health & Clinical Research Concentration IV	27
Epi & Biostat Methods for Public Health & Clinical Research Concentration V	28
Epi & Biostat Methods for Public Health & Clinical Research Concentration VI	29
Food, Nutrition & Health Concentration & Customized	16
General Preventive Medicine Residency	30
Health in Crisis & Humanitarian Assistance Concentration I and Customized	17
Health In Crisis & Humanitarian Assistance Concentration II	31
Health Leadership & Management Concentration and Customized	18
Health Systems & Policy Concentration I	19
Health Systems & Policy Concentration II	20
Health Systems & Policy Concentration III	32
Health Systems & Policy Concentration IV	33
Infectious Diseases Concentration I and Customized	21
MPH/MBA I	22
MPH/MBA II	34
Public Health Topics I	23
Public Health Topics II	24
Public Health Topics III	25
Public Health Topics IV	26
Public Health Topics V	35
Public Health Topics VI	36
Public Health Topics VII	37
Public Health Topics VIII	38

Presenter Index

Name	Session Time	Room	Schedule on Page
Abusamaan, Mohammed	8:30-10:30	W3030	23
Al Azman, Hatem	8:30-10:30	W3011	24
Allen, Julia	8:30-10:30	W2033	19
Alzahrani, Owiss	8:30-10:30	W4013	25
Ansah, Rosemary	8:30-10:30	W4019	26
Ansari, Ghedak	8:30-10:30	W4030	17
Aravindakshan, Atul	7:45-10:30	W3008	13
Arhinful, Benedicta	11:00-1:00	W3030	36
Arif, Rawan	11:00-1:00	W4007	35
Armijos, Maria	8:30-10:30	W2033	19
Arnold, Carolyn	11:00-1:00	W3030	36
Asare, Aurelia	7:45-10:30	W3008	13
Azeez, Semirat	8:30-10:30	E9519	22
Babel, Riddhi	11:00-1:00	W2015	29
Baffoe, Grace	8:30-10:30	W4019	26
Baig, Samia	11:00-1:00	W2017	37
Bailey, Emma	8:30-10:30	W3011	24
Bayingana, Christian	8:30-10:30	E9519	22
Benson, Eve-Marie	7:45-10:30	W2008	14
Blacker, Brigitte	8:30-10:30	W4030	17
Bommersbach, Tanner	8:30-10:30	W2033	19
Boyda, Danielle	8:30-10:30	W4013	25

Presenter Index

Name	Session Time	Room	Schedule on Page
Bross, Amy	8:30-10:30	W2017	16
Brown, Mary	11:00-1:00	W4013	38
Bui, Linh	7:45-10:30	W2008	14
Burke, Anne	11:00-1:00	E9519	34
Carrasco, Hector	11:00-1:00	W2033	32
Chen, Sophia	11:00-1:00	W2015	29
Cho, Linda	7:45-10:30	W2015	15
Chyr, Linda	11:00-1:00	W2033	32
Cohen, Sarah	8:30-10:30	W2017	16
Cole, Marie	8:30-10:30	E9519	22
Collins, Megan	8:30-10:30	W2017	16
Cox, Samyra	11:00-1:00	W2017	37
Crowder, Hannah	11:00-1:00	W4007	35
Dai, Xue	11:00-1:00	E6519	33
Daryani, Poonam	11:00-1:00	E6519	33
Das, Subhas Chandra Lal	8:30-10:30	E6519	20
Day, Andrew	7:45-10:30	W2015	15
Dehipawala, Sumudu	8:30-10:30	E6519	20
Dennis, Samuel	8:30-10:30	W4030	17
Desormeaux, Anne Marie	8:30-10:30	E6519	20
Dhawlikar, Nisha	7:45-10:30	W2015	15
Diab, Nermin	11:00-1:00	W3008	27

Presenter Index

Name	Session Time	Room	Schedule on Page
Dionesotes, Karen	8:30-10:30	E6519	20
Donyina-Ameyaw, Doris	8:30-10:30	W3030	23
Ellison, Hannah	8:30-10:30	E9519	22
Foster, Daniel	11:00-1:00	W2303	30
Fuller, Spencer	11:00-1:00	W4013	38
Funk, Kory	8:30-10:30	W4030	17
Gallardo, Richard	11:00-1:00	W3008	27
Gandhi, Bhakti	11:00-1:00	W2017	37
Geier, Travis	11:00-1:00	W4007	35
Gharpure, Radhika	11:00-1:00	W3030	36
Goel, Ashish	11:00-1:00	W3008	27
Gordon, Adelaide	11:00-1:00	W2008	28
Green, Hannah	11:00-1:00	E6519	33
Guillaume, Stanley	11:00-1:00	W2008	28
Gulati, Rritu	8:30-10:30	W3011	24
Gupta, Raksha	11:00-1:00	W2015	29
Handayani, Afifah	8:30-10:30	W2030	18
Hassib, Ahmed	7:45-10:30	W3008	13
Hatt, Grace	8:30-10:30	W4013	25
Haughwout, Sarah	8:30-10:30	W4019	26
Henry, Marianne	8:30-10:30	W4007	21
Heob, Elyse	8:30-10:30	E9519	22

Presenter Index

Name	Session Time	Room	Schedule on Page
Hicks, Tori	11:00-1:00	W2017	37
Holtzman, Meghan	11:00-1:00	W4013	38
Hsueh, Yu-Han	7:45-10:30	W3008	13
Hu, Jiun-Ruey	7:45-10:30	W3008	13
Inumerable, Riza Veronica	11:00-1:00	W2008	28
Jackson, Madeline	11:00-1:00	E6519	33
Jacobsen, Julia	11:00-1:00	E6519	33
Jayakumar, Srishti	8:30-10:30	W2030	18
Joshi, Amritanshu	8:30-10:30	W4007	21
Jung, Younghee	8:30-10:30	W2030	18
Jungst, Danielle	8:30-10:30	W2033	19
Kanakubo, Takako	11:00-1:00	E9519	34
Kang, You me	7:45-10:30	W2015	15
Kankaka, Edward	11:00-1:00	W2008	28
Kapoor, Sunaina	11:00-1:00	W2008	28
Karasick, Andrew	11:00-1:00	W2303	30
Kaslow, Sarah	11:00-1:00	W2015	29
Kassamali, Zyleen	11:00-1:00	W3030	36
Katzman, Stacy	11:00-1:00	W2033	32
Kaye, Charlotte	11:00-1:00	W2033	32
Khattar, Christelle	8:30-10:30	W4019	26
Kirkland, Kevin	8:30-10:30	W3030	23

Presenter Index

Name	Session Time	Room	Schedule on Page
Kirkland, Kristin	8:30-10:30	W3030	23
Kisakye, Alice	7:45-10:30	W2008	14
Kline, Kathryn	8:30-10:30	W2017	16
Kochar, Monika	11:00-1:00	W4007	35
Kuchinad, Kamini	11:00-1:00	W3030	36
Kumar, Aishwarya	8:30-10:30	W4013	25
Lee, Jessica	7:45-10:30	W2008	14
Lehman, Andrew	11:00-1:00	W2015	29
Lehnertz, Nicholas	11:00-1:00	W2303	30
Li, Linna	8:30-10:30	W2030	18
Lilly, Katherine	8:30-10:30	W2017	16
Liu, Ming	8:30-10:30	W4030	17
Lovell, Kimberly	8:30-10:30	E9519	22
Lowenstein, Lauren	11:00-1:00	E6519	33
Lucci, Matthew	7:45-10:30	W3008	13
Lum, Ying	8:30-10:30	W4030	17
Magenwirth, Jessica	11:00-1:00	W4013	38
Manshio, Alia	8:30-10:30	W4030	17
Marwitz, Kathryn	11:00-1:00	W3008	27
Massaquoi, Massah	11:00-1:00	W4007	35
McClain, Grace	11:00-1:00	W2033	32
Meethan, Nivedita	8:30-10:30	W3011	24

Presenter Index

Name	Session Time	Room	Schedule on Page
Mehta, Ambar	8:30-10:30	W4013	25
Miura, Shinya	7:45-10:30	W2015	15
Muci, Stephanie	11:00-1:00	E9519	34
Neilson, Stacey	8:30-10:30	W2030	18
Neiman, Joseph	7:45-10:30	W2008	14
Ngahu, Peris	8:30-10:30	W4013	25
Ngo, Chau	8:30-10:30	W3011	24
Nimako, Kojo	8:30-10:30	W4019	26
Oaks, Maya	8:30-10:30	W2030	18
Ogasawara, Ken	11:00-1:00	W3030	36
Onana, Arnold	11:00-1:00	W2033	32
Orimoloye, Olusola	7:45-10:30	W2008	14
Osho, Adamove	8:30-10:30	E6519	20
Oshunbade, Adebamike	11:00-1:00	W2017	37
Owodunni, Oluwafemi	11:00-1:00	W2015	29
Oyetunji, Shakirat	11:00-1:00	W3008	27
Pannu, Harpreet	8:30-10:30	W3030	23
Pauly, Joseph	11:00-1:00	W4013	38
Pham, Tung	7:45-10:30	W2015	15
Pinedo, Mariela	8:30-10:30	W4007	21
Pranav, Meera	11:00-1:00	W4030	31
Radwan, Daniel	11:00-1:00	E9519	34

Presenter Index

Name	Session Time	Room	Schedule on Page
Rahman, Sabrina	8:30-10:30	E6519	20
Rajashekharaiyah, Harsha	11:00-1:00	W4013	38
Ramunno, Philip	11:00-1:00	W2015	29
Rivera, Maria	11:00-1:00	W2303	30
Rivera Lara, Lucia	8:30-10:30	W4007	21
Robles, Yvonne	11:00-1:00	W2015	29
Rosenberg, Sarah	7:45-10:30	W2015	15
Rossiter, Kevin	11:00-1:00	W4007	35
Rusatira, Jean Christophe	7:45-10:30	W2015	15
Salmeron, Carolina	11:00-1:00	W4030	31
Sama, Hilary	8:30-10:30	W2017	16
Sanders, Jade	8:30-10:30	W2017	16
Sangoi, Puja	8:30-10:30	E6519	20
Saraf, Sejal	8:30-10:30	W4019	26
Seabrook, Dena	11:00-1:00	W3008	27
Seetharaman, Saranya	11:00-1:00	W3008	27
Sharma, Silpa	11:00-1:00	W3008	27
Siembida, Elizabeth	7:45-10:30	W2008	14
Simanjuntak, Deddy	8:30-10:30	E6519	20
Singh, Kanal	7:45-10:30	W2008	14
Smith, Brian	8:30-10:30	W2033	19
Smith, Mary	8:30-10:30	W4007	21

Presenter Index

Name	Session Time	Room	Schedule on Page
Smith, Valerie	8:30-10:30	W4007	21
Srivastava, Arnav	7:45-10:30	W3008	13
Srivastava, Bhishmaraj	8:30-10:30	E9519	22
Stoops, Elyssa	11:00-1:00	W4007	35
Suleman, Shazeen	8:30-10:30	W3030	23
Suneja, Amit	11:00-1:00	W3030	36
Tait, Margaret	8:30-10:30	W4007	21
Tan, Sophia	11:00-1:00	W4030	31
Tchan, Joshua	8:30-10:30	W3030	23
Tetteh, Oswald	8:30-10:30	W4019	26
Thakkar, Madhuli	8:30-10:30	W3011	24
Thakker, Niyati	8:30-10:30	W2033	19
Tieu, Carolyn	11:00-1:00	W2017	37
Toth, Danielle	11:00-1:00	W2008	28
Tran, Phuong	7:45-10:30	W3008	13
Tran, Tiffany	11:00-1:00	W2008	28
Trinh, Hoang	11:00-1:00	E9519	34
Tsou, Po-Yang	7:45-10:30	W2015	15
Twahirwa Rwema, Jean Olivier	7:45-10:30	W2015	15
Updike, Jonathan	8:30-10:30	W4019	26
Uwazota, Joseph	8:30-10:30	W2030	18

Presenter Index

Name	Session Time	Room	Schedule on Page
Uzosike, Akachimere	7:45-10:30	W2008	14
Varasteh Kia, Mujan	7:45-10:30	W2008	14
Wagner, Randall	11:00-1:00	W4030	31
Wang, Weijia	7:45-10:30	W2008	14
Wang, Yu-Hsun	7:45-10:30	W2015	15
Wheeler, Noah	8:30-10:30	W4013	25
Wilkason, Colby	8:30-10:30	W4013	25
Wissanji, Hussein	8:30-10:30	W2033	19
Xing, Minzhi	8:30-10:30	W2033	19
Xu, Meng	11:00-1:00	E9519	34
Yapici, Halit Onur	11:00-1:00	E9519	34
Yardman-Frank, Joseph	8:30-10:30	W4007	21
Yellman, Merissa	8:30-10:30	W3011	24
Yerokun, Oluwatobi	11:00-1:00	W2303	30
Yoo, Seuhee	11:00-1:00	W4030	31
Yoshii, Hikari	7:45-10:30	W3008	13
Yu, Jui-Tsen	7:45-10:30	W3008	13
Zaltz, Daniel	8:30-10:30	W3011	24
Zhang, Jiajia	7:45-10:30	W3008	13
Zhao, Dan	8:30-10:30	W3030	23

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

W3008

7:45-10:30

Moderators: Rosa Crum

Youssef Farag

Atul Aravindakshan

Effect of Environmental Exposures of Perchlorates, Iodine, Thiocyanates and Nitrates on Thyroid Function: NHANES survey 2009-2012

Aurelia Asare

Risk Factors for Poor Pregnancy Outcomes in an Urban Setting: A Cohort Study in Kirachi, Pakistan

Ahmed Hassib

Risk Factors for Depression Among Children in Conflict Zones

Yu-Han Hsueh

Does cancer site account for the abundance of male cancer patients seeking care at the Sidney Kimmel Comprehensive Cancer Center?

Jiun-Ruey Hu

Mortality and the Metabolome in Chronic Kidney Disease

Matthew Lucci

What is the cost of care and prevention of hospital acquired pressure ulcers?

Arnav Srivastava

Artificial Urinary Sphincter (AUS) Placement after Failed Urethral Sling: Impact of sling removal and proximal cuff placement

Phuong Tran

Association Between Statin Drug Use and Peripheral Blood Leukocyte Telomere Length in the National Health and Nutrition Examination Survey 1999-2002

Hikari Yoshii

Difference between male and female providers in the management of Tuberculosis in Uganda

Jui-Tsen Yu

Predicting the risks of cerebral AVM rupture in lifetime and related survival analysis

Jiajia Zhang

Association Between Tumor Anatomic Location and Survival Benefit from Multimodality Treatments in Locally Advanced Gastric Cancer Patients: A SEER Analysis

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

W2008

7:45-10:30 **Moderators: Marie Diener-West Vinita Subramanya**

- Eve-Marie Benson** *Survival after end stage liver disease among HIV infected adults in care: Findings from the NA-ACCORD*
- Linh Bui** *Association between intervention intensity and health utilization outcomes in adults with type 2 diabetes mellitus: Johns Hopkins Community Health Partnership (J-CHiP) study*
- Alice Kisakye** *Comparison of Self and Family Caregivers' Reports on Activities of Daily Living Among HIV Infected Persons With HIV Associated Neurocognitive Disorders*
- Jessica Lee** *Does it take two? Perceived agreement among women and men regarding pregnancy intention and decisions*
- Joseph Neiman** *Improving Patient and Family Engagement in the Care of Patients Undergoing Mechanical Ventilation*
- Olusola Orimoloye** *Factors Associated With Successful Home Blood Pressure Monitoring In African American Patients With Uncontrolled Hypertension : The Achieving Blood Pressure Control Together (ACT) Study.*
- Elizabeth Siembida** *The Role of Institutional Characteristics and Organization Guidelines on Mammography Screening Recommendations*
- Kanal Singh** *An analysis of the association of injection drug use with external-cause related mortality in an age –adjusted cohort of HIV-infected individuals in a Baltimore County from 2001-2015*
- Akachimere Uzosike** *Variability in growth kinetics of small renal masses on active surveillance*
- Mujan Varasteh Kia** *Perioperative Outcome Comparison of Patients with Malignant Neoplasm of the Esophagus and/or Stomach Who Undergo Elective Gastric Conduit versus Non-Gastric Conduit Esophagectomy Using the ACS-NSQIP Database*
- Weijia Wang** *Resting Heart Rate and Incident Atrial Fibrillation Over a 20-year Follow-Up: The ARIC Study (Atherosclerosis Risk in Communities)*

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

7:45-10:30 **Moderators: John McGready Stephen Cristiano**

- Linda Cho** *Descriptive Study to Evaluate Health Care Opportunities That Fail to Prevent the Progression of Cervical Dysplasia to Invasive Cervical Cancer*
- Andrew Day** *Supraclavicular and Other Regional Flaps: A Survey of 240 AHNS Surgeons*
- Nisha Dhawlikar** *Cumulative Incidence of Refractive Error in India: The Andhra Pradesh Eye Disease Study 3*
- You me Kang** *Psychosocial characteristics in caregiver and patients who participated in ADMET study*
- Shinya Miura** *What are the risk factors for delayed rehabilitation in the pediatric critical care setting?*
- Tung Pham** *Disparities in cancer treatment among the elderly population in the United States*
- Sarah Rosenberg** *Moderate alcohol consumption and the risk of incident chronic kidney disease*
- Jean Christophe Rusatira** *Trends of age at first intercourse and contraception practices among female adolescents in Sub-Saharan African countries: Case of 8 PMA2020 targeted African countries*
- Po-Yang Tsou** *Longitudinal analysis of the association between asthma morbidity and pest and pet exposure as well as sensitization in children with existing asthma at multiple times*
- Jean Olivier Twahirwa Rwem** *Comprehensive assessment of structural determinants of consistent condom use among female sex workers in Senegal*
- Yu-Hsun Wang** *The association between the outcome of major depressive disorder and supplements.*

Food, Nutrition & Health Concentration & Customized

W2017

8:30-10:30

Moderators: Keith West

Jaya Gupta

Amy Bross

Tools for Evaluating Reflective Supervision in Maternal and Infant Home Visiting Programs

Sarah Cohen

The Impact of an Integrated Community-based Intervention on Child Nutrition Outcomes

Megan Collins

Vision for Baltimore - a 3 year program to provide school-based eye care

Kathryn Kline

Barriers to Health Care for Undocumented Immigrants: Literature Review and Preliminary Assessment of a Local Response

Katherine Lilly

Applying the Quality in the Continuum of Cancer Care framework to assess cancer care system readiness in Tanzania, Uganda, and Swaziland

Hilary Sama

Opportunities and Barriers to Successful Partnerships Between Food Banks and Food Policy Councils

Jade Sanders

Analysis of New York City Sodium Warning Label Policy

Health in Crisis & Humanitarian Assistance Concentration I and Customized

W4030

8:30-10:30

Moderators: Courtland Robinson Shannon Doocy

Ghedak Ansari

Comparing Thyroidectomy Outcomes between Adults, the Elderly, and Octogenarians.

Brigitte Blacker

A Review of Psychosocial Aid Programs for Youth in Conflict

Samuel Dennis

Public Health Emergency Operations Centers: A Review of the Literature

Kory Funk

An analysis of conditions facing healthcare workers in situations of extreme violence

Ming Liu

Epidemiological characteristics of road traffic injuries in two regions of the Russian Federation

Ying Lum

A Quality Improvement Project to Improve Perioperative Pain Control in Patients Undergoing Surgical Decompression for Thoracic Outlet Syndrome

Alia Manshio

Crisis Intervention Team (CIT) Effectiveness and Areas for Improvements

Health Leadership & Management Concentration and Customized

W2030

8:30-10:30

Moderators: Eric Ford

Anbrasi Edward

Afifah Handayani

Health System Services and Their Association With Social Determinants

Srishti Jayakumar

Vitamin B12 Deficiency in Pregnancy: Effects on Embryogenesis and Implications for Nutritional Program Interventions

Younghee Jung

Outcomes of Community Health Workers Intervention on Diabetes: Literature Review

Stacey Neilson

Beyond the Bedside: Child Passenger Safety Policy and Practice at Discharge from Baltimore City Hospitals

Maya Oaks

HIV and Migration: Understanding the Life Course of Migrants in Rakai District, Uganda

Joseph Uwazota

Deaths and trends in malaria in Angola in from 2012 to 2015

Linna Li

Translating Data from a U.S. Nationally Representative Sample to be Representative of a Canadian Population

Health Systems & Policy Concentration I

W2033

8:30-10:30

Moderators: Shannon Frattaroli Paulani Mui

Julia Allen

Cost-Effectiveness Analysis of Feeding Guidelines for Neonatal Patients Following Gastrointestinal Surgery

Maria Armijos

A policy recommendation for antibiotic use in upper respiratory tract infections in Ecuador

Tanner Bommersbach

Behavioral Health, Accreditation, and Public Health 3.0: Leveraging Opportunities for Collaboration

Danielle Jungst

Concentration Indices for the City of Chicago

Brian Smith

A Literature Review of the Effects of Prescription Drug Monitoring Programs on Illicit Opioid Use

Niyati Thakker

Systems Integration of Entrepreneurship Curriculum for Improved Health Outcomes

Hussein Wissanji

Burden of pediatric injuries requiring surgical intervention in 5 Kenyan hospitals

Minzhi Xing

The Effect of Sociodemographics and Time between Diagnosis and First Treatment on Survival in Lung, Breast, Prostate, and Colorectal Cancer

Health Systems & Policy Concentration II

E6519

8:30-10:30

Moderators: Shivam Gupta

Nukhba Zia

Subhas Chandra Lal Das

Primary Health Care in India: Past, Present and Future

Sumudu Dehipawala

Cost of Home Health Care Services Among People Experiencing Severe Orthopedic Trauma

Anne Marie Desormeaux

Evaluation of introduction of new vaccines in Haiti and the opportunity for health systems strengthening

Karen Dionesotes

Analysis of Prescription Drug Price Transparency Legislation

Adamove Osho

Tobacco Ban Policy in Nigeria

Sabrina Rahman

Cost Effectiveness of Resection vs. Serial Dilation for treating Laryngotracheal Stenosis

Puja Sangoi

Analysis Of Public Testimony On "Soda Tax" Passed By Philadelphia City Council

Deddy Simanjuntak

Implimentation research for Universal Health coverage focusing on financing and delivery of primary care under Indonesia National Health Insurance

Infectious Diseases Concentration I and Customized

W4007

8:30-10:30

Moderators: Kenrad Nelson

Noreen Hynes

Marianne Henry

TBD: Targeted marketing leads to increased soccer-sponsored bed net use

Amritanshu Joshi

Innovations in STI Testing and Screening Program Evaluation (emphasis on Neisseria gonorrhoeae)

Mariela Pinedo

Stigma and Misinformation: The Impact on HIV Transmission in Female Sex Workers in South Africa

Lucia Rivera Lara

The Impact of Blood Pressure Variability on Hemorrhage Enlargement on Patients with Acute Intracerebral Hemorrhage

Valerie Smith

Analysis of NEDOCS score pre- and post- JH Bayview ED expansion

Mary Smith

Risk Factors for Repeat Sexually Transmitted Infections in an Online Screening Population

Margaret Tait

Learning from a private foundation's approach to fund in a new area: implications for grant seekers and grant makers

Joseph Yardman-Frank

Association between vaginal microbiota and STI risk

MPH/MBA I

E9519

8:30-10:30

Moderators: Doug Hough

Paul Whong

Semirat Azeez

The Role of Tertiary Hospitals in LMICs- A review of two modern referral hospitals in Africa

Christian Bayingana

Fertility needs in women at the margins

Marie Cole

Strings Attached: Complexities of Foreign Assistance for Health Development in Sierra Leone

Hannah Ellison

Primary Care Models: Landscape Overview and Maryland Proposal

Elyse Heob

Business Plan for Innovative Medical Device

Kimberly Lovell

Equity & Accessibility in Baltimore Bike Share

Bhishmaraj Srivastava

Ecosystem Requirements for the Scaling-up of Health System Innovations in Limited Resource Settings

Public Health Topics I

W3030

8:30-10:30

Moderators: Randy Bryant

Danielle Edwards

Mohammed Abusamaan

Comparison of Outcome and Complications of Anterior versus Posterior Myotomy in Per-oral Endoscopic Myotomy (POEM) Endoscopic Procedure for Treatment of Achalasia: Randomized Single Blinded Clinical Trial

Doris Donyina-Ameyaw

Female Financial Literacy and Household Medical Need: A Peri-Urban Ethiopian Study

Kevin Kirkland

Hemodialysis Patients Face Increased Major Amputation and Mortality Following Below-Knee Revascularizations for Critical Limb Ischemia

Kristin Kirkland

Restoring Wellness: A Basic Hygiene Curriculum for Survivors of Human Trafficking

Harpreet Pannu

Adequacy of Policies Regarding Dietary Exposure to Acrylamide

Shazeen Suleman

Health impacts of xenophobia An integrated review

Joshua Tchan

Comparing the health hazards and responses related to the Aliso Canyon, San Fernando Valley natural gas leak and the petroleum operations at drill sites in South Los Angeles

Dan Zhao

Development and field testing of dementia literacy instrument--Project PLAN

Public Health Topics II

W3011

8:30-10:30

Moderators: Susan Tonascia

Raimee Eck

Hatem Al Azman

Khat Abuse: Cultural and Neurological Complications

Emma Bailey

Gender-Based Violence Interventions: how addressing socio-cultural norms can be used to prevent and respond to gender-based violence

Rritu Gulati

Title: Evaluation of the safety of cluster immunotherapy as compared to standard allergen immunotherapy: A retrospective chart review

Nivedita Meethan

Study of risk factors associated with reduction in emergency room visits among pediatric asthma clients of Baltimore city health department during 2014-16

Chau Ngo

Review and Recommendation for Menstrual Hygiene Management Methods, Programs and Services in Low Resource Setting

Madhuli Thakkar

National Longitudinal Survey of Youth

Merissa Yellman

Experiences of Assault-injured Youth who Visit the Emergency Department: A Secondary Data Analysis

Daniel Zaltz

Implementation of new healthy eating and physical activity standards in South Carolina childcare: evaluation of barriers and facilitators

Public Health Topics III

W4013

8:30-10:30

Moderators: Donna Strobino

Madhuram Nagarajam

Owiss Alzahrani

Depressive Disorders in The Arabian Gulf Cooperation Council (GCC) Countries: A Literature Review

Danielle Boyda

Systematic Review of the Application of Geographic Information Systems (GIS) and Spatial Analysis in HIV Programming and Evaluation

Grace Hatt

Opioid Harm-Reduction: What the United States Can Learn from International Communities

Aishwarya Kumar

Application of remote sensing and GIS vs Field Mapping: A study to determine the benefits and cost effectiveness of using geospatial techniques

Ambar Mehta

Mortality, Complications, and 30-Day Readmissions after Emergency General Surgery: Does Either Surgeon Volume or Hospital Volume Matter?

Peris Ngahu

Operational Issues and Barriers to Implementation of HPV Vaccination in Sub Saharan Africa

Noah Wheeler

Young men's perceptions that they learned about pregnancy prevention in primary care

Colby Wilkason

The Use of Spatial Analysis for Disease Control: A Case Study of Malaria Transmission in Macha, Zambia

Public Health Topics IV

W4019

8:30-10:30

Moderators: Andrea Ruff

Jeffrey Hardesty

Rosemary Ansah

Systematic Review of Face-to-Face Interviewer Characteristics and Interview Modalities for Eliciting Sensitive Information on Sexual and Reproductive Health in Clinical or Research Settings

Grace Baffoe

The prevalence and trend of depression among individuals with heart disease (NHANES 1999-2014)

Sarah Haughwout

Gender Differences in the Ebola Outbreak Education Response in Sierra Leone

Christelle Khattar

Analysis of Cancer Prevalence among Syrian Refugees in Lebanon and Jordan

Kojo Nimako

Assessing the Effectiveness of the HIV Education and Support "Kids Clubs" Program of the Caris Foundation in Haiti

Sejal Saraf

Compliance of health warning label on smokeless tobacco products in India

Oswald Tetteh

The impact of age and type of surgical approach on re-operations for pectus excavatum repair

Jonathan Updike

Examining Baltimore Bike Share Routes

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

W3008

11:00-1:00

Moderators: Rosa Crum

Youssef Farag

Nermin Diab

Prevalence and Risk Factors for Thyroid Dysfunction in Older Adults in the Community

Richard Gallardo

Joint Exposure of Homelessness and Active Drug Use on HIV Care Outcomes

Ashish Goel

Factors associated with mental health among older adults living in forced displacement in the Republic of Georgia

Kathryn Marwitz

Heterogeneity Evaluation of Serious Adverse Events in the SPRINT Trial

Shakirat Oyetunji

Racial Disparities in Lung Transplantation Referral Patterns Amongst Cystic Fibrosis Patients

Dena Seabrook

Managing Unknown Results of Tuberculin Skin Test (TST) and Isoniazid Preventive Therapy (IPT) in HIV-infected individuals in Brazil

Saranya Seetharaman

Independent Impact of Timing of Antibiotics on Mortality In Sepsis

Silpa Sharma

Thyroid function and its relation with Diabetes Mellitus in adult euthyroid subjects: NHANES 2009-2012

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

W2008

11:00-1:00 **Moderators: Marie Diener-West Vinita Subramanya**

- Adelaide Gordon** *Associations of mid-upper arm circumference and body composition between early childhood and post adolescence in the Sarlahi district of Nepal.*
- Stanley Guillaume** *Youth Football Injuries: Literature Review, Data Audit & Frequency of Injuries from the 2015-2016 Surveillance Data*
- Riza Veronica Inumerable** *Assessing the Relationship of Biomarkers and Spontaneous Preterm Birth in Peru*
- Edward Kankaka** *Impact of Circumcision on risky sexual behavior among of HIV positive heterosexual men in Rakai, Uganda*
- Sunaina Kapoor** *Depression Screening in Mothers with Young Children Presenting for Well-child Pediatric Visits*
- Danielle Toth** *Analysis of birth outcomes in Hispanic women in the Boston Birth Cohort*
- Tiffany Tran** *The implication of social norms on GBV in stateless and national populations in the Dominican Republic*

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

11:00-1:00 **Moderators: John McGready Stephen Cristiano**

- Riddhi Babel** *Quantitative Interaction of Stigma*
- Sophia Chen** *Factors associated with Readmission for Dehydration after Ileostomy Formation: an American College of Surgeons National Surgical Quality Improvement Program (ACS-NSQIP) analysis*
- Raksha Gupta** *clinical presentation and outcome of under-5 Indian children with invasive pneumococcal disease*
- Sarah Kaslow** *Healthcare Reform in Maryland: Effects on Emergent Ventral Hernia Repair in At-Risk Patients*
- Andrew Lehman** *Association between Metabolic Syndrome and negative outcomes in Lower Extremity Open and Endo- Vascular Surgeries.*
- Oluwafemi Owodunni** *Enhanced Recovery Pathway in Colorectal Surgery: An effective and advantageous protocol in the elderly*
- Philip Ramunno** *Assessing the Roles of Key Risk Factors in Determining Student Outcomes*
- Yvonne Robles** *Characterizing Hepatitis C Virus prevention and treatment needs among female sex workers in Cameroon*

General Preventive Medicine Residency

W2303

11:00-1:00

Moderators: Clarence Lam

Mary Carol Jennings

Daniel Foster

Promoting physical activity and injury prevention through authentic voices: A focus-group informed bike helmet video from the Johns Hopkins Children's Center

Andrew Karasick

Provider Perspectives on Ambulatory Safety

Nicholas Lehnertz

Isolation and Loneliness as a Burgeoning Public Health Problem - A Review of the Literature

Maria Rivera

Implementing a Long Acting Reversible Contraception Program in a Pediatric Primary Care Medical Home

Oluwatobi Yerokun

Challenges in creating a global surgery data platform

Health In Crisis & Humanitarian Assistance Concentration II

W4030

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

Meera Pranav *Evaluating the feasibility of the LiST tool in humanitarian settings*

Carolina Salmeron *Health Profiles of Central American Migrants in Mexico: An Analysis*

Sophia Tan *Effectiveness of a community-based intervention package in resource-poor communities in Zambia and its applicability to other resource-poor, food-insecure settings*

Randall Wagner *The Evolution of Refugee Resettlement in the United States*

Seuhee Yoo *NCDs in Syrian Refugee and Lebanese in Lebanon*

Health Systems & Policy Concentration III

W2033

11:00-1:00 **Moderators: Shannon Frattaroli Jaya Gupta**

Hector Carrasco *Shared principles of accompaniment in 5 Community Health Worker programs in Latin America*

Linda Chyr *An Analysis of Community First Choice Option with Case Study on Maryland: Supporting Home and Community-Based Services for Older Adults and Persons with Disabilities*

Stacy Katzman *Strengthening Firearm Cases in Baltimore City by Innovating Police-Prosecutor Collaborations*

Charlotte Kaye *Integrating Public Health Programming into Child Welfare Policy in Baltimore City*

Grace McClain *Global Trade Agreements and Worker's Rights: A Cost-Benefit Analysis of Health, Safety, and Human Capital*

Arnold Onana *Developing a Policy Stress Test; A mathematical tool for assessing policy implementation*

Health Systems & Policy Concentration IV

E6519

11:00-1:00

Moderators: Andrea Ruff

Nukhba Zia

Xue Dai

Evaluation of the Maryland Enterprise Zones Initiative Year 1-4 Report

Poonam Daryani

Gender Analysis of Zika Virus Coverage and Response

Hannah Green

Medicaid Policy in the 115th Congress: Implications for Coverage, Finances, and Health Outcomes

Madeline Jackson

Section 1498 and Public Health Access to Specialty Drugs

Julia Jacobsen

Electronic Health Records in Improving Care Transitions

Lauren Lowenstein

Federal Mechanisms to Incentivize Police Reform and Reduce Use of Excessive Force Towards Persons With Mental Illness

MPH/MBA II

E9519

11:00-1:00

Moderators: Doug Hough

Paul Whong

Anne Burke

Analysis of Survey Data on Fair Drug Pricing

Takako Kanakubo

The requirement for MU and cost-effectiveness of EHR in Japanese universal healthcare system

Stephanie Muci

The State of Electronic Health Records in Low and Middle Income Countries: What does the Grey Literature Say?

Daniel Radwan

Identifying Factors Associated with Receiving HCV Treatment in HIV Coinfected Individuals

Hoang Trinh

Factors Affecting Social Cohesion Among MSM in Lesotho

Meng Xu

The effect of diarrhea and other infectious diseases on children growth

Halit Onur Yapici

Economic Burden of Diabetes and Myopia in the US

Public Health Topics V

W4007

11:00-1:00

Moderators: Noreen Hynes

Kenrad Nelson

Clive Shiff

Rawan Arif

Effectiveness of Preventive Measures for Depression for Adult Head and Neck Cancer Patients; Literature Review

Hannah Crowder

Cervical Cancer Among HIV-1 Positive Female Sex Workers in the Dominican Republic: Screening and Severity

Travis Geier

Outpatient parenteral antimicrobial therapy: Examining different models of care and their efficacy and cost effectiveness

Monika Kochar

Are Pre and Post Natal Home Visits by Community Health Workers Effective in Reducing Neonatal Mortality in LMIC's?

Massah Massaquoi

A Longitudinal Review of Risk Factors Contributing to the Recent Reduction of Childhood Stunting Across Six Regions in Kenya

Kevin Rossiter

The Community Health Worker and Community Based Primary Health Care: The Role of Education and Motivation--Autonomy, Mastery and Purpose

Elyssa Stoops

An Assessment of Services Provision Readiness for Facility-Based Family Planning in Malawi

Public Health Topics VI

W3030

11:00-1:00

Moderators: Randy Bryant

Danielle Edwards

Benedicta Arhinful

Risk factors for adverse events in a prospective cohort of OPAT patients.

Carolyn Arnold

The Effect of Public Housing on Access to Primary and Preventive Care for Low-Income Adults

Radhika Gharpure

Peridomestic Poultry/Livestock and Effects on Child Stunting: Literature Synthesis and Research Opportunities

Zyleen Kassamali

Determine the predictors of complete vaccination coverage in Iraq

Kamini Kuchinad

Provider Perspectives on Measuring and Improving the Quality of Palliative Care

Ken Ogasawara

The Role of Exposure- and Dose-Response Analyses in Dose Selection and Labeling of Biological Drug Products Approved by FDA

Amit Suneja

Burden and Management of Non-Communicable Diseases after Geophysical Disasters

Public Health Topics VII

W2017

11:00-1:00

Moderators: Keith West

Raimee Eck

Samia Baig

Measuring Burden of Disease in Emergency Rooms in Pune, India

Samyra Cox

Evaluating Conditional Cash Transfers for TB Control in Tajikistan

Bhakti Gandhi

Preventing Unintentionally Retained Surgical Item Incidents by Optimizing the Surgical Item Count Protocol in the Operating Room

Tori Hicks

An Epidemiologic Profile of Brazilian Adolescents with Dyslipidemia

Adebamike Oshunbade

USAID Neglected Tropical Diseases Program Evaluation Survey

Carolyn Tieu

Efficacy and Safety of Biosimilar Insulins Compared to Their Reference Products: A Systematic Review

Public Health Topics VIII

W4013

11:00-1:00

Moderators: Donna Strobino

Ayodeji Awopegba

Mary Brown

Utility of big data in preparing for disasters: an integrated literature review and case example.

Spencer Fuller

Dual sensory impairment in the American Community Survey

Meghan Holtzman

Depression and risk factors for HIV in Men Who Have Sex with Men (MSM) in Senegal

Jessica Magenwirth

A One Health Approach to Farming Practices in Africa

Joseph Pauly

Understanding the Burden of Dengue Infections in Infants and Children through Epidemiologic Surveillance in India

Harsha Rajashekharaiiah

Sequelae of Pneumococcal Infection in Children: a Review

Master of Public Health Capstone
AWARD RECIPIENTS
May 2017

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.

Emily Beaudoin

“Quality of life and depression among high-risk or diabetic American Indian (AI) youth enrolled in the Together on Diabetes Study”

Capstone Advisor: Summer Rosenstock \ Faculty Advisor: Allison Barlow

Aimee Bruederle

“Does Social Support Have an Effect on Adolescent Sexual Risk-taking Behavior?”

Capstone Advisor: Heena Brahmhatt \ Faculty Advisor: Heena Brahmhatt

Timothee Fruhauf

“Measuring family planning quality and its link with contraceptive use in Burkina Faso, Ethiopia, Kenya, and Uganda”

Capstone Advisor: Amy Tsui \ Faculty Advisor: Amy Tsui

James Heyward

“Institutional factors moderating compliance with clinical trials registration and reporting requirements in the US”

Capstone Advisor: Evan Mayo-Wilson \ Faculty Advisor: Roberta Scherer

Jiun-Ruey Hu

“Associations between the serum metabolome and all-cause mortality in chronic kidney disease”

Capstone Advisor: Josef Coresh & Morgan Grams \ Faculty Advisor: Josef Coresh

Srishti Jayakumar

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

“Vitamin B12 deficiency in Pregnancy: Implications for Public Health Practice”

Capstone Advisor: David Paige \ Faculty Advisor: David Paige

Angela La Macchia

“Uprising: An Analysis of Jamaica's Disaster Management Policy”

Capstone Advisor: Shannon Doocy \ Faculty Advisor: Ligia Paina

Puja Sangoi

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

“Analysis of testimony for Philadelphia beverage tax”

Capstone Advisor: Sara Bleich \ Faculty Advisor: Shannon Frattaroli

Angela Schroeder

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

“Coordination and Collaboration for Healthy Food Systems in Wisconsin: Interviews Among Key Informants”

Capstone Advisor: Anne Palmer \ Faculty Advisor: Anne Palmer

Kanal Singh

“Association of history of injection drug use with external-cause related mortality among persons linked to HIV care in an urban clinic, 2001-2015”

Capstone Advisor: Catherine Lesko \ Faculty Advisor: William Moss

Weijia Wang

“Resting Heart Rate and Incident Atrial Fibrillation Over a 20-year Follow-Up in The ARIC Study (Atherosclerosis Risk in Communities)”

Capstone Advisor: Moyses Szklo \ Faculty Advisor: Moyses Szklo

Colby Wilkason

“The Use of Spatial Analysis for Disease Control: A Case Study of Malaria Transmission in Macha, Zambia”

Capstone Advisor: Timothy Shields \ Faculty Advisor: Timothy Shields