



JOHNS HOPKINS
BLOOMBERG SCHOOL
of PUBLIC HEALTH

**Master of Public Health
Capstone Presentations
May 13, 2023**

Program

Johns Hopkins Bloomberg School of Public Health

Baltimore, Maryland

MPH CAPSTONE SYMPOSIUM

SATURDAY, MAY 13, 2023

AGENDA

7:30-8:30AM (SESSION ONE PRESENTER'S LOAD PRESENTATIONS ON COMPUTERS)

BREAKFAST IN FIRST FLOOR GALLERY

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

EPI & BIOST METHODS FOR PUBLIC HEALTH & CLINICAL RESEARCH
CONCENTRATION I – **Rosa Crum & Nana Serwah Adofo-Ansong, Room W3008**

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

EPI & BIOST METHODS FOR PUBLIC HEALTH & CLINICAL RESEARCH
CONCENTRATION III – **John McGready & Khushbu Balsara, Room W5008**

HEALTH LEADERSHIP & MANAGEMENT I – **Mark Bittle & Anbrasi Edward, Room W2033**

HEALTH SYSTEMS & POLICY CONCENTRATION I – **Mary Fox, Room W4007**

HEALTH SYSTEMS & POLICY CONCENTRATION II – **Dustin Gibson, Room W4019**

HEALTH SYSTEMS & POLICY CONCENTRATION III – **Paulani Mui & Izzie Wang, Room W4030**

HUMANITARIAN HEALTH – **Courtland Robinson & Shannon Doocy, Room W3030**

INFECTIOUS DISEASES CONCENTRATION – **Noreen Hynes & Photini Sinnis, Room W2029**

PUBLIC HEALTH TOPICS I – **Keith West, Room W2017**

PUBLIC HEALTH TOPICS II – **Randy Bryant & Akua Afrah Amoah, Room E6519**

PUBLIC HEALTH TOPICS III – **Meghan Davis, Room W2015**

PUBLIC HEALTH TOPICS IV – **Jeffrey Hardesty, Room W4013**

PUBLIC HEALTH TOPICS V – **Andrea Ruff & Molly Schwab, Room W2030**

10:30-11:00AM (SESSION TWO PRESENTERS LOAD PRESENTATIONS ON COMPUTERS)

BREAK IN FIRST FLOOR GALLERY

**Please return to the same room for Session Two; if the same room is not used for Session Two, please choose a different room of your choice*

***MPH CAPSTONE SYMPOSIUM
SATURDAY, MAY 13, 2023***

AGENDA

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

EPI & BIOST METHODS FOR PUBLIC HEALTH & CLINICAL RESEARCH
CONCENTRATION IV – **Rosa Crum & Nana Serwah Adofo-Ansong, Room W3008**

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

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

HEALTH LEADERSHIP & MANAGEMENT II – **Mark Bittle & Anbrasi Edward, Room W2033**

HEALTH SYSTEMS & POLICY CONCENTRATION IV – **Mary Fox, Room W4007**

HEALTH SYSTEMS & POLICY CONCENTRATION V – **Dustin Gibson, Room W4019**

HEALTH SYSTEMS & POLICY CONCENTRATION VI – **Mariana Socal & Izzie Wang Room W4030**

PUBLIC HEALTH TOPICS VI – **Andrea Ruff & Molly Schwab, Room W2030**

PUBLIC HEALTH TOPICS VII - **Randy Bryant & Akua Afrah Amoah, Room E6519**

PUBLIC HEALTH TOPICS VIII – **Keith West, Room W2017**

*****Please attend Session One presentations in the same room you were assigned during Session Two***

1:00-2:00PM LUNCH AND AWARD ANNOUNCEMENTS – FEINSTONE HALL, 2ND FLOOR E2030

Presenter Index

Name	Session Time	Room	Schedule on Page
Aassar, Mia	11:00 am - 1:00 pm	W2017	33
Agrawal, Prachi	8:30 am - 10:30 am	W2033	13
Aimiosior, Obehioye	11:00 am - 1:00 pm	W2017	33
Alasfar, Sami	11:00 am - 1:00 pm	W2017	33
Aldayel, Faisal	11:00 am - 1:00 pm	W2017	33
Aldhaleei, Wafa	11:00 am - 1:00 pm	W5008	26
Ali, Nujhat	8:30 am - 10:30 am	W3008	10
Al-Roomi, Moudhi	11:00 am - 1:00 pm	W2017	33
Amy, Verna	11:00 am - 1:00 pm	W2017	33
Antra, Kumari	11:00 am - 1:00 pm	E6519	32
Arthur, Abigail	8:30 am - 10:30 am	W3008	10
Asebot, Melat	8:30 am - 10:30 am	W3008	10
Ayeneu, Michael	11:00 am - 1:00 pm	E6519	32
Azuma, Hiroshi	11:00 am - 1:00 pm	E6519	32
Baliga, Vineet	8:30 am - 10:30 am	W2029	18
Bansal, Kanika	8:30 am - 10:30 am	W4007	14
Bardwell, Emma	11:00 am - 1:00 pm	E6519	32
Barry Ibrahim O, Fatoumata	8:30 am - 10:30 am	W4007	14
Berrios, Vivian	11:00 am - 1:00 pm	E6519	32
Bervell, Rachel	11:00 am - 1:00 pm	E6519	32
Bloomfield-Clagett, Bartholt	8:30 am - 10:30 am	W2030	23
Burke, Kelly	8:30 am - 10:30 am	W4013	22
Chang, Yu-Ho	8:30 am - 10:30 am	W4013	22
Chhan, Dany	8:30 am - 10:30 am	W4013	22
Chiawah, Jones	8:30 am - 10:30 am	W4013	22

Presenter Index

Name	Session Time	Room	Schedule on Page
Choradia, Nirmal	8:30 am - 10:30 am	W4007	14
Chowdhury, Himel	8:30 am - 10:30 am	W3008	10
Crowley, Mia	8:30 am - 10:30 am	W4013	22
Curwen-Garber, Darci	8:30 am - 10:30 am	W4007	14
Dai, Yitian	8:30 am - 10:30 am	W4013	22
Damis-Wulff, Alexa	8:30 am - 10:30 am	W4007	14
Date, Mayank	8:30 am - 10:30 am	W2033	13
Davilmar, Tesha	8:30 am - 10:30 am	W3008	10
Dettmann, Robert	8:30 am - 10:30 am	W2029	18
Dhruve, Ritika	8:30 am - 10:30 am	W3008	10
Don, Reuben	8:30 am - 10:30 am	W2030	23
Ellsworth, Jared	8:30 am - 10:30 am	W2033	13
Fang, Theresa	8:30 am - 10:30 am	W2017	19
Flanary, James	8:30 am - 10:30 am	W4007	14
Friedman-Bell, Hannah	8:30 am - 10:30 am	W2017	19
Garcia, Krysten	8:30 am - 10:30 am	W4019	15
Garg, Keval	8:30 am - 10:30 am	W2017	19
Gelnett, Amelia	8:30 am - 10:30 am	E6519	20
George, Blessing	8:30 am - 10:30 am	W2033	13
Goel, Anushree	8:30 am - 10:30 am	W4019	15
Gomez, Gabriela	8:30 am - 10:30 am	W3008	10
Gong, Catherine	8:30 am - 10:30 am	W4019	15
Gow, Chelsea	8:30 am - 10:30 am	W2015	21
Gupta, Suruchi	8:30 am - 10:30 am	W4019	15
Gurivireddygar, Sravya	8:30 am - 10:30 am	W2030	23
Harb, Alfredo	11:00 am - 1:00 pm	W2030	31
Hernandez Morfin, Natalia	8:30 am - 10:30 am	W3008	10
Ho, Sabrina	8:30 am - 10:30 am	W4019	15

Presenter Index

Name	Session Time	Room	Schedule on Page
Hussain, Zaib	8:30 am - 10:30 am	W2008	11
Hussian, Julia	8:30 am - 10:30 am	W4019	15
Ibukun, Folahan	8:30 am - 10:30 am	W2008	11
Ivanov, Natalie	8:30 am - 10:30 am	W2017	19
Jackson, Caitlin	8:30 am - 10:30 am	W3030	17
Jalisi, Alizay	8:30 am - 10:30 am	W2008	11
Jeong, Jun Young	8:30 am - 10:30 am	W3030	17
Joe, Natalie	8:30 am - 10:30 am	W2008	11
Joseph, Ann	8:30 am - 10:30 am	W2017	19
Joshiyura, Sannidhi	8:30 am - 10:30 am	W2008	11
Kaduluri, Venkata Preetam Sa	8:30 am - 10:30 am	W2017	19
Khan, Bilal Ahmed	8:30 am - 10:30 am	W2017	19
Khizar, Mahum	8:30 am - 10:30 am	W4030	16
Kobayashi, Masafumi	8:30 am - 10:30 am	W2017	19
Kretz, Alyssa	8:30 am - 10:30 am	W2008	11
Kuo, Jenny	8:30 am - 10:30 am	W2008	11
Leahey, Rosemary	11:00 am - 1:00 pm	W2017	33
Leija Torres, Alan	8:30 am - 10:30 am	W2033	13
Lezama, Niara	8:30 am - 10:30 am	W4030	16
Li, Jerrica	8:30 am - 10:30 am	W4030	16
Lin, Li Tsung	8:30 am - 10:30 am	W5008	12
Lin, Po-Jen	8:30 am - 10:30 am	W2008	11
Liu, Claire	8:30 am - 10:30 am	W4030	16
M, Premikha	8:30 am - 10:30 am	W5008	12
Maldonado, Siara	8:30 am - 10:30 am	E6519	20
Mani, Serena	8:30 am - 10:30 am	E6519	20
Mao, Stephanie/Xian	8:30 am - 10:30 am	W5008	12

Presenter Index

Name	Session Time	Room	Schedule on Page
Masoudi, Niloufar	8:30 am - 10:30 am	W5008	12
Mathivanan, Madhumitha	8:30 am - 10:30 am	E6519	20
McGeehan, Molly	8:30 am - 10:30 am	W5008	12
Mulholland, Chase	8:30 am - 10:30 am	E6519	20
Murali, Sitara	8:30 am - 10:30 am	W4030	16
Nakachwa, Jane Flavia	8:30 am - 10:30 am	W5008	12
Nartey, Sarah	8:30 am - 10:30 am	W5008	12
Nduaka, Chimnonso	8:30 am - 10:30 am	E6519	20
Nnajiolor, Jane	8:30 am - 10:30 am	W2033	13
Nyan, Hein Htet Linn	8:30 am - 10:30 am	W2029	18
Obeng-Gyasi, Isaac	8:30 am - 10:30 am	E6519	20
Odonkor, Michelle	8:30 am - 10:30 am	W5008	12
Odouard, Ilina	8:30 am - 10:30 am	W2015	21
Ohanian, Alec	11:00 am - 1:00 pm	W4007	28
Oyefolu, Oluremilekun	8:30 am - 10:30 am	W2015	21
Pal, Eishita	11:00 am - 1:00 pm	W4007	28
Pant, Rakshya	11:00 am - 1:00 pm	W4007	28
Parikh, Karan	8:30 am - 10:30 am	W3030	17
Park, Sophia	11:00 am - 1:00 pm	W2033	27
Park, Sungmin	11:00 am - 1:00 pm	W3008	24
Patel, Prutha	11:00 am - 1:00 pm	W3008	24
Penalosa, Martina	8:30 am - 10:30 am	W2015	21
Periyakoil, Divya	11:00 am - 1:00 pm	W3008	24
Persaud, Udit	11:00 am - 1:00 pm	W4007	28
Peterson, Tyrone	8:30 am - 10:30 am	W2029	18
Pittman, Bradley	8:30 am - 10:30 am	W3030	17
Ponce, Andrea Nicoletti	11:00 am - 1:00 pm	W3008	24
Powell, Megan	11:00 am - 1:00 pm	W3008	24

Presenter Index

Name	Session Time	Room	Schedule on Page
Prasad, Vanya	11:00 am - 1:00 pm	W4007	28
Price, Matthew	11:00 am - 1:00 pm	W3008	24
Pundir, Bhavya	11:00 am - 1:00 pm	W2033	27
Quaye, Michelle	11:00 am - 1:00 pm	W4007	28
Ramonfaur, Diego	8:30 am - 10:30 am	W2015	21
Rings, Shiva-Siddharth	11:00 am - 1:00 pm	W2033	27
Rose, Jamiko	11:00 am - 1:00 pm	W4007	28
Saba, Farrin	8:30 am - 10:30 am	W2015	21
Sahasrabudhe, Saniya	11:00 am - 1:00 pm	W4019	29
Said, Yana	8:30 am - 10:30 am	W2015	21
Saini, Chhavi	11:00 am - 1:00 pm	W3008	24
Salloum, Dima	11:00 am - 1:00 pm	W4019	29
Sarena, Ayu Putri	11:00 am - 1:00 pm	W2008	25
Sarpong, Felix	8:30 am - 10:30 am	W2015	21
Sharma, Ishika	11:00 am - 1:00 pm	W4019	29
Shaw, Steven	11:00 am - 1:00 pm	W2033	27
Shen, Joseph	11:00 am - 1:00 pm	W2008	25
Shepard, Hannah	11:00 am - 1:00 pm	W2008	25
Singh, Aditi	8:30 am - 10:30 am	W3030	17
Singh, Shalini	8:30 am - 10:30 am	W2030	23
Singh, Shivangi	8:30 am - 10:30 am	W4013	22
Siyahian, Salpi	8:30 am - 10:30 am	W2030	23
Skерchak, Jillian	8:30 am - 10:30 am	W3030	17
So, Marianne	8:30 am - 10:30 am	W2030	23
Sood, Sadhika	11:00 am - 1:00 pm	W4019	29
Sotto, Patrick Francis	8:30 am - 10:30 am	W2029	18
Soundramalingam Sachidanan	11:00 am - 1:00 pm	W2008	25
Spink, Erin	8:30 am - 10:30 am	W2030	23

Presenter Index

Name	Session Time	Room	Schedule on Page
Stewart, Katy	8:30 am - 10:30 am	W2030	23
Suarez Ciniglio, Angela	11:00 am - 1:00 pm	W2030	31
Taeed, Tara	8:30 am - 10:30 am	W3030	17
Tang, Ying Hung	11:00 am - 1:00 pm	W2008	25
Tangui, Wilfredo	11:00 am - 1:00 pm	W2008	25
Thumba, Linda	11:00 am - 1:00 pm	W4019	29
Tiamiyu, Khadijah	11:00 am - 1:00 pm	W2008	25
Tomar, Shubham	11:00 am - 1:00 pm	W5008	26
Ton, Lauren	11:00 am - 1:00 pm	W5008	26
Tran, Andy	11:00 am - 1:00 pm	W4019	29
Trujillo, Olivia	11:00 am - 1:00 pm	W2030	31
Upham, Robbyn	11:00 am - 1:00 pm	W2030	31
Villamizar Jaimes, Carmen	11:00 am - 1:00 pm	W4030	30
Vishal, FNU	11:00 am - 1:00 pm	W2008	31
Wake, Edom	11:00 am - 1:00 pm	W5008	26
Widenor, Anthony	11:00 am - 1:00 pm	W4030	30
Wilkerson, Caroline	11:00 am - 1:00 pm	W3008	24
Witmer, Ashley	11:00 am - 1:00 pm	W5008	26
Wolf, Frank	11:00 am - 1:00 pm	W5008	26
Wu, Chun-Ling	11:00 am - 1:00 pm	W4030	30
Yamaguchi, Arisa	11:00 am - 1:00 pm	W2030	31
Yang, Chi Ya	11:00 am - 1:00 pm	W4030	30
Yared, Fares	11:00 am - 1:00 pm	W4030	30
Yonamine, Sean	11:00 am - 1:00 pm	W5008	26
Yuen, Regina	8:30 am - 10:30 am	W3030	17
Zhu, Cong	11:00 am - 1:00 pm	W4030	30
Zimmer, Sarah	11:00 am - 1:00 pm	W2030	31
Zuhaili, Bara	11:00 am - 1:00 pm	E6519	32

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

W3008

8:30-10:30

Moderators: Rosa Crum

Nana Serwah Adofo-Ansong

Nujhat Ali

Investigation of Variation in Ocular Alignment by Age and Health Condition

Abigail Arthur

Baseline predictors of mental health in Adolescents living with HIV in South Africa

Melat Asebot

The association between experience of surgeon and outcome of cataract surgery

Himel Chowdhury

Neurosurgical Outcome of Whole Blood Transfusion in Hemorrhagic Traumatic Brain Injuries

Tesha Davilmar

The impact of the COVID-19 pandemic on substance use, stress, and teen dating violence among young women in Baltimore City

Ritika Dhruve

Among hospitalized patients with Diabetic Foot Infections what is the association of gender with future minor and/or major amputation

Gabriela Gomez

Plasma proteomic signatures of pre-dementia syndromes

Natalia Hernandez Morfin

Evaluate treatment outcomes in pregnant women with HIV and Tuberculosis

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

W2008

8:30-10:30

Moderators: Marie Diener-West Zeba Nauroz

Zaib Hussain

Incidence and Outcomes of vascular complications among HIV-infected kidney transplant recipients. (a sub-study of HOPE in action)

Folahan Ibukun

Structure-function correlation in ABCA4-associated Stargardt disease: associations between change in measurements derived from short-wavelength fundus autofluorescence and macular sensitivity on microperimetry from baseline to 24 months

Alizay Jalisi

Describing associations between stigmatization and outpatient health services utilization among people who use drugs (PWUD) in Baltimore, MD: an intersectional approach

Natalie Joe

Do the BMI categories capture the metabolic health of individuals?

Sannidhi Joshipura

Measuring the Association Between Neighborhood Exposures (Road Traffic, Green Spaces or Air Pollution) and Sleep Quality among participants of the Cardiovascular Health Study (CHS).

Alyssa Kretz

Syphilis Incidence Following an STI Diagnosis Among Cisgender Women in Baltimore, MD, from 2009-2021

Jenny Kuo

Analysis of factors influencing refractive error in Fuchs eyes undergoing combined cataract extraction and DMEK

Po-Jen Lin

Social Determinants of Uncorrected Refractive Error, Vision Impairment, and Ocular Pathology

8:30-10:30

Moderators: John McGready Khushbu Balsara

Li Tsung Lin

The optimal timing of Administration of Venous Thromboembolism Prophylaxis in trauma patients in the Emergency Department: Which Patients and to What Effect?

Premikha M

Examining the Role of Resilience in Adolescent Suicide: A Gender-Based Perspective in Singapore

Stephanie/Xian Mao

Effect of Gender Affirming Care Insurance Coverage on Psychological Distress in Transgender and Gender Diverse Adults

Niloufar Masoudi

Differences in multimodal analgesia by race

Molly McGeehan

Evaluating changes and potential bias in retrospective TB symptom reporting in Uganda

Jane Flavia Nakachwa

Does migrating to an urban area increase the risk of elevated HBA1c?

Sarah Nartey

To evaluate the impact of the COVID 19 pandemic on childhood developmental milestones

Michelle Odonkor

Perceived Barriers to Pursuing Neurosurgery among Medical Students and Unspecialized Residents in Various Countries

Health Leadership & Management Concentration I

W2033

8:30-10:30

Moderators: Mark Bittle Anbrasi Edward

Prachi Agrawal

Appropriate use of Respiratory cultures in the evaluation of Mechanically ventilated children

Mayank Date

Developing an e- game as a training tool to strengthen public health systems in LMIC settings.

Jared Ellsworth

Suicide Prevention of Adolescent Youth in Native American Communities

Blessing George

Understanding the Barriers to the Successful Implementation of the Diabetes Prevention Program (DPP) in the US

Alan Leija Torres

COVID-19 Impact on Adolescent Mental Health: A Literature Review

Jane Nnajiolor

Food environment for school feeding programs in Morocco

Health Systems & Policy Concentration I

W4007

8:30-10:30

Moderators: Mary Fox

Kanika Bansal

Programmatic Evaluation Plan to Strengthen the Implementation and Adoption of a Digital Health Service in India

Fatoumata Barry Ibrahim O

Mental Health Care among Humanitarian Response Plan for Crisis Affected people in Niger

Imani Boykin

AGRIHOOD: Miami

Nirmal Choradia

Trends in demographic characteristics of clinical trial participants at the National Cancer Institute: 2005-2020

Darci Curwen-Garber

Comparison of US Hybrid Closed-Loop Systems for Diabetes Care: Medical Devices & FDA Regulation

Alexa Damis-Wulff

Do No Harm: Federal policy levers to advance the decarbonization of U.S. Hospitals

James Flanary

Evaluating Geographic and Socioeconomic Disparities in Referral and Evaluation for Early Liver Transplant

Health Systems & Policy Concentration II

W4019

8:30-10:30

Moderators: Dustin Gibson

Krysten Garcia

Domestic violence protection orders before and after Covid in Baltimore City

Anushree Goel

Social isolation among older adults and healthcare spending in the US

Catherine Gong

The Association Between Poor Physical Conditions of Schools, Absenteeism, and Test Scores in Maryland

Suruchi Gupta

A Health Policy Analysis of subnational adoption and implementation of Ayushman Bharat Digital Mission in India

Sabrina Ho

Evaluation of Policy Options for Expanding and Improving Abuser Intervention Programs (AIPs) / Batterer Intervention Programs (BIPs) to Support Outcomes of Intimate Partner Violence (IPV) in Maryland

Julia Hussian

Beyond the 2022 Floods: A Program Plan for Enhancing Health Education and Emergency Response Efforts in Flood- Affected Pakistan

Health Systems & Policy Concentration III

W4030

8:30-10:30

Moderators: Paulani Mui

Izzie Wang

Mahum Khizar

Delivery platforms for reaching adolescents with nutrition interventions in low and middle income countries

Niara Lezama

Barriers and Facilitators to Accessing Family Planning Services

Jerrica Li

Improving Screening and Linkage to Care for Hepatitis B and C in Major Philadelphia Health Systems' Primary Care Settings

Claire Liu

Pandemic ethics through the lens of state epidemiologists

Sitara Murali

Providing Medications for Opioid Use Disorder to Pregnant Individuals in US Jails: The Role of Community Services, Geographical Factors, and Political Attitudes

Humanitarian Health Concentration

W3030

8:30-10:30

Moderators: Courtland Robinson Shannon Doocy

Caitlin Jackson

Family formation among conflict-affected populations: a qualitative study among adolescent internally displaced persons (IDPs) in Aden governorate, Yemen

Jun Young Jeong

The Impact of WHO Emergency Committee and Travel Advice on Global Travel Restrictions during the COVID-19 Pandemic

Karan Parikh

Mapping zero-dose children in fragile and conflict affected settings

Bradley Pittman

Case Area-Targeted Interventions and Their Effect on an IDP Population in Northeast Nigeria

Aditi Singh

Comparing Efficacies of DSMES vs. CGM for Managing T2D in Rural Southern US Diabetics

Jillian Skerchak

Balancing Ethics and Morality as a Foreigner in Low- and Middle-Income Countries

Tara Taeed

Understanding barriers to care: Maternal and child health in low resource settings

Regina Yuen

Challenges of healthcare providers in conflict settings: A scoping review

Infectious Diseases Concentration

W2029

8:30-10:30

Moderators: Noreen Hynes Photini Sinnis

Vineet Baliga

Detecting the contribution of asymptomatic carriage and infection within the context of human infectious reservoir for malaria elimination strategies

Robert Dettmann

Prions as Biological Weapons: Possible vs. Likely?

Hein Htet Linn Nyan

Malaria Elimination: 1-3-7 Strategy in Greater Mekong Sub region countries

Tyrone Peterson

COVID-19 Testing and Response among Indigenous Populations: A Scoping Review

Patrick Francis Sotto

Public health's role in the emergence of antibiotic resistance: Developing a logic model for Guam's antibiotic resistance prevention and response strategy

Public Health Topics I

W2017

8:30-10:30

Moderators: Keith West

Theresa Fang

Evaluation of Emergency Food Security Programs in Somalia

Hannah Friedman-Bell

Maryland hospital service movement between HSCRC regulated and unregulated space under the Maryland Health Model

Keva Garg

Health inequities in electrophysiology care

Natalie Ivanov

Sample School Toolkit for Respiratory Infection Prevention Protocols

Ann Joseph

Barriers to Cervical Cancer Prevention in the Caribbean

**Venkata Preetam Sandeep
Kaduluri**

Commercialisation of an Environment-friendly bio pesticide for malaria and dengue control

Bilal Ahmed Khan

Investigating Adaptation Strategies for Immunization Service Delivery in Flood Disasters in Sindh, Pakistan: A Qualitative Analysis

Masafumi Kobayashi

The Cultural Differences in Loneliness in Family Caregivers in General and Specific to Those of Patients with Dementia

Public Health Topics II

E6519

8:30-10:30

Moderators: Randy Bryant Akua Afrah Amoah

Amelia Gelnett

Exploring planetary and human health outcomes of Food Is Medicine's food procurement practices within US healthcare

Siara Maldonado

Reproductive Coercion & Contraceptive Decision Aids: Analysis of existing aids and identification of important factors

Serena Mani

Correlates of Suicidal Ideation amongst California Youth

Madhumitha Mathivanan

Assessment of Quality of Care in Telehealth in Low- and Middle-Income Countries: A Narrative Review and Synthesis

Chase Mulholland

The Future of Rural Health: An Evaluation of the Home Health Value-Based Purchasing Model and its Effect on Rural Healthcare

Chimnonso Nduaka

Integrated Primary-Secondary Health Care Models implemented in Lower-Middle-Income Countries and their compliance with WHO Global Strategic Goals for Integrated People-Centered Health Services: A Scoping Review

Isaac Obeng-Gyasi

Time to surgery and outcomes of spine surgery within the geriatric population compared to the non geriatric population²⁰

Public Health Topics III

W2015

8:30-10:30

Moderators: Meghan Davis

Chelsea Gow

Literature Review on Evidence for Cash Assistance for Nutrition Outcomes in LMICs

Ilina Odouard

A National and State-Level Analysis of Annual Abortion Rates from 2019-2022 in the United States

Oluremilekun Oyefolu

Effecting change in hospital and health systems and the role of the COVID-19 pandemic has played with testing capacity.

Martina Penalosa

Caregivers' Perspectives on the Impact of Support Services on Health and Well-being of Children and Young Adults with Disabilities and their Families

Diego Ramonfaur

Burden and Risk Factors of Vaccine Hesitancy in Mexico

Farrin Saba

Utilizing the Power of Personality Tendencies to Address The Loneliness Epidemic

Yana Said

Diagnosis lag, racial disparities and mood disorders prevalence among Anti-MOG disease patients

Felix Sarpong

Illegal Gold Mining (Galamsey) in Ghana and Health Implications With Emphasis on Cancer Incidence: A Review of the Literature

Public Health Topics IV

W4013

8:30-10:30

Moderators: Jeffrey Hardesty

Kelly Burke

Integrating Public Health and Policing to Address Gun Violence

Yu-Ho Chang

A multi-modal neuroimaging study of relapse in early-stage psychosis

Dany Chhan

Linking Financing and Quality of Care in Southeast Asia: A comparative case study from Indonesia, the Philippines, and Thailand

Jones Chiawah

Evaluation of Medical Criteria Concept used by Department of Transport(DOT) in Assessing Long-Haul drivers' Health

Mia Crowley

The Fate of Rhinoviruses, Paraechoviruses, and Enteroviruses During the COVID-19 pandemic

Yitian Dai

Impact of Incentive Timing and Surveys on Participation in Bangladesh and Uganda

Shivangi Singh

Systematic review for WHO guidelines on Adolescent contraception

Public Health Topics V

W2030

8:30-10:30

Moderators: Andrea Ruff Molly Schwab

Bartholt Bloomfield-Clagett

Trajectories and Predictors of Placebo Response in Clinical Trials of Depression with IV Ketamine

Reuben Don

Effectiveness of Fentanyl Test Strips in Overdose Risk Reduction, and Important Considerations for their Implementation

Sravya Gurivireddygari

Factors Associated with Traditional versus Modern Contraceptive Use by Women in Bangladesh

Shalini Singh

Project Sunset: A Global Tobacco Endgame Assessment

Salpi Siyahian

Impact of Substance Use Disorders on readmission within 90 days of nonelective trauma surgery

Marianne So

The Black Butterfly: Examining the Influence of Redlining on Firearm Injuries in Baltimore, Maryland

Erin Spink

The Baltimore Incinerator: A Policy Implementation Guide to Address the Health Impacts of Incineration on Baltimore's Environmental Justice Communities

Katy Stewart

Handle with Care – When Leadership Programs Demand More They Can Give.

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

W3008

11:00-1:00

Moderators: Rosa Crum

Nana Serwah Adofo-Ansong

Sungmin Park

Link between physical pain and depressive disorder in middle-aged adults: Cross-sectional results from the UK Biobank

Prutha Patel

Association of Insurance Status with the Use of Newer Antidiabetic Medications: An Analysis of National Ambulatory Medical Care Survey (NAMCS) Data

Divya Periyakoil

Understanding the Relationship Between Air Quality and Time to Death: A Survival Analysis

Andrea Nicoletti Ponce

Association between social vulnerability index and rate of violent crime among U.S. counties and how it differs by racial composition

Megan Powell

The effect of integrated community-based HIV care within microfinance groups on food security in Kenya

Matthew Price

Mapping of Availability of Breast Cancer Screening and Diagnostic Services in Ghana

Chhavi Saini

Relationship of objective and functional measures with self-reported quality of life in glaucoma

Caroline Wilkerson

Can gentrification predict lower rates of firearm injuries in Baltimore, Maryland?

11:00-1:00

Moderators: Marie Diener-West Zeba Nauroz

Ayu Putri Sarena

Evaluating the Effect of Medicaid Expansion on Time to First Treatment Disparities in Breast Cancer Patients

Joseph Shen

Multi-sensory impairment and depression in the Atherosclerosis Risk in Communities Neurocognitive Study

Hannah Shepard

Risk Factors for Unmet Sexual and Reproductive Healthcare Needs in Adolescent Girls and Young Women (AGYW) in Ethiopia

**Apoorvaa Soundramalingam
Sachidanand**

Etiologies causing Hepatocellular Carcinoma

Ying Hung Tang

Risk of systemic inflammation and organ injury in surgical patients treated with immune checkpoint inhibition - a retrospective cohort study

Wilfredo Tangui

Correlation Of Race and Surgical Outcomes in Children with Genetic Abnormalities That Have Cardiac Surgery

Khadijah Tihamiyu

Associations Between County Level Poverty and Firearm Injuries in the State of Maryland

FNU Vishal

Does perception of aging explain the discrepancy between self-reported health and frailty?

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

W5008

11:00-1:00

Moderators: John McGready Khushbu Balsara

Wafa Aldhaleei

The determinants of liver fibrosis in HIV infected individuals in Uganda

Shubham Tomar

Point-of-care lung ultrasound to predict outcome among patients admitted in ICU

Lauren Ton

External Generalizability of an AI model Predicting Pneumonia from Chest X- Rays

Edom Wake

Association between hazardous alcohol use and serologic HIV indicators in people living with HIV in Kenya in 2018

Ashley Witmer

Examining the Relationship between Adaptive Function and Psychopathology among Autism Spectrum Disorder Youth

Frank Wolf

Sexual and gender minority colorectal cancer screening disparities in the Behavioral Risk Factor Surveillance System

Sean Yonamine

Prior Mental Health Events and Involuntary Psychiatric Commitment in a Pediatric Emergency Department in Florida

Health Leadership & Management Concentration II

W2033

11:00-1:00

Moderators: Anbrasi Edward Mark Bittle

Sophia Park

An Analysis into the Determinants of the Nursing Workforce Shortages

Bhavya Pundir

Impact of gender equality program within school on education and STI prevention in adolescent girls of Zambia

Shiva-Siddharth Rings

Developing a training game to teach public health competencies

Steven Shaw

Positive Youth Development in Ecuador and Guatemala

Health Systems & Policy Concentration IV

W4007

11:00-1:00

Moderators: Mary Fox

Alec Ohanian

Weighting and Aggregation Guide for Creating Composite Indicators to Measure Primary Health Care Performance

Eishita Pal

Barriers and facilitators to the implementation of digital health programs in primary health settings in India

Rakshya Pant

Risk factors of short interpregnancy interval in Sarlahi district of rural southern Nepal

Udita Persaud

Potential Title: Lessons Learned from the Introduction and Uptake of COVID-19 vaccine in two specific Asian Countries

Vanya Prasad

TB Aftermath Policy Analysis

Michelle Quaye

Epidemic response in humanitarian settings: A health policy analysis of humanitarian coordination during the cholera outbreak in Yemen

Jamiko Rose

Examining Health Disparities in ERPO

Health Systems & Policy Concentration V

W4019

11:00-1:00

Moderators: Dustin Gibson

Saniya Sahasrabudhe

Labour Market for Nurses in Rural India

Dima Salloum

On Prison Healthcare Reform: A Policy Analysis to Address the Prison Healthcare Workforce Crisis

Ishika Sharma

Fire Safety Education Practices & Pedagogy in Low-and-Middle-income-countries

Sadhika Sood

Assessing the evidence of primary-secondary integration models in LMICs: a typology-based analysis

Linda Thumba

A Review of Factors that Influence Clubfoot Care Seeking Behaviors in Uganda

Andy Tran

Determinants of differential utilization of minimally invasive versus open surgery for pancreatic cancers

Health Systems & Policy Concentration VI

W4030

11:00-1:00

Moderators: Mariana Social Izzie Wang

Carmen Villamizar Jaimes

Evaluating an innovative big data dashboard to improve spatial accessibility to healthcare services: A knowledge translation strategy with policymakers in Colombia

Anthony Widenor

Why We Can't Connect the Dots on Medication Data: A Sociotechnical Analysis

Chun-Ling Wu

Cost-effectiveness Analysis of Psychotherapy in Depression in Taiwan

Chi Ya Yang

Effect of Trauma Center Level on Outcomes for Blunt Thoracic Aortic Injury in the United States

Fares Yared

Deriving a cost-effective model from data related to a clinical trial comparing aspirin versus LMWH for blood clot prevention in orthopedic trauma patients.

Cong Zhu

Effectiveness of health-enhancing interventions on family caregivers of dementia patients in China: A systematic review

Public Health Topics VI

W2030

11:00-1:00

Moderators: Andrea Ruff Molly Schwab

Alfredo Harb

Epigenetic changes associated with radon exposure in the development of lung malignancies

Angela Suarez Ciniglio

Targeted Communication Strategies for Promoting Inclusion and Reducing Discrimination Towards Migrants in Latin America: Lessons from the COVID-19 Response

Olivia Trujillo

Literature Review: What strategies enhance the understanding, engagement, and acceptance of health promotion within clinical trials and biomedical research in tribal communities?

Robbyn Upham

Primary Care Transgender Health Fellowship, Rochester, NY

Arisa Yamaguchi

Listening to children matters: the association between the children's sense of being heard and the quality of life.

Sarah Zimmer

Fitness Matters - A Patient Education Program to Improve Geriatric Wellness and Prevent Cognitive Decline

Public Health Topics VII

E6519

11:00-1:00

Moderators: Randy Bryant Akua Afrah Amoah

Kumari Antra

Correlates of Quality of life in current and former substance Users of inner-city Baltimore

Michael Ayenew

A comparative study of surgical outcomes for robotically-assisted lung resections between Urban teaching and Urban non-teaching hospitals

Hiroshi Azuma

Political Discourse among Public Health Students: a Qualitative Study

Emma Bardwell

Female Perpetrators of Sexual Violence

Vivian Berrios

Applying decision science, evidence-based practice, and program planning to infection prevention technology to decrease Hospital Acquired Infections and infectious outbreaks

Rachel Bervell

Investigating the Black Maternal Health Crisis and Proposing Solutions: A Podcast

Bara Zuhaili

Improving the quality of post-operative surgical care in conflict-zone hospitals in Northwestern Syria.

Public Health Topics VIII

W2017

11:00-1:00

Moderators: Keith West

Mia Aassar

Analysis of Extreme Risk Protection Orders in Maryland

Obehioye Aimiosior

Disparities in self-measured blood pressure (SMBP) monitoring in the RICH LIFE project

Sami Alasfar

Improving Hemodialysis Services in North West Syria

Faisal Aldayel

Development and implementation of Saudi growth chart

Moudhi Al-Roomi

Ethno-Racial Disparities in Mortality Risk among Waitlisted Patients for Lung Transplantation in the United States

Verna Amy

Association of Socioeconomic status with Hypertension in Nepal

Rosemary Leahey

Analysis of EHR Clinical Obesity Decision Support Tool

**Master of Public Health
MPH CAPSTONE AWARD RECIPIENTS
May 2023**

Special honors are given to the 16 students listed below for their capstone written projects. These students will receive an MPH capstone award plaque for outstanding achievement.

Rachel Bervell

“Investigating the Black Maternal Health Crisis and Proposing Solutions: A Podcast”

Capstone Advisor: Rebecca Fix

Jessica Boklan

“A global landscape and pipeline analysis of childhood cancer medicines to improve access for children in low- and middle-income countries”

Capstone Advisor: Ruth Karron

Joseph Buffaloe

“Care coordination, navigation, and case management to increase hepatitis C treatment among persons who use drugs: rationale, best practices, and implementation considerations for New Mexico, United States”

Capstone Advisor: Karin Tobin

Jessica Crow

“Development and implementation of a health-system policy for evidence-based prevention and management of infiltration and extravasation of irritants and vesicants”

Capstone Advisor: Kenneth Shermock

Courtney de Balmann

Center for Health Security MPH Capstone Award- Recipient of \$300 Prize

“Disrupting infectious disease spread among animals and zoonotic spillover through self-spreading vaccines. Do the potential benefits outweigh the potential risks of misuse and other unintended consequences?”

Capstone Advisor: Douglas Norris

Hannah Gray

“Spread The Word: Developing a Sexual Health Peer Education Program within a Faith-Based University”

Capstone Advisor: Maria Trent

Kelly Hubbard

“Coalition-based SMART Advocacy for the Inclusion of Pregnant and Lactating People in Clinical Research”

Capstone Advisor: Beth Fredrick

Alyssa Kretz

“Syphilis Incidence Following an STI Diagnosis Among Cisgender Women in Baltimore, MD, from 2009-2021”

Capstone Advisor: Jacky Jennings and Anna Powell

Premikha M

“Examining the Role of Resilience in Adolescent Suicide: A Gender-Based Perspective in Singapore”

Capstone Advisor: Shoshanna Fine

Joyce Ma

“A Process Evaluation Plan to Assess Implementation of the Los Angeles Universal Basic Mobility Pilot Program’s Electric Mobility Element”

Capstone Advisor: Keshia Pollack Porter

**Master of Public Health
MPH CAPSTONE AWARD RECIPIENTS (cont'd)
May 2023**

Kristin Pareja

“Organizational Characteristics of Community First! Village, a Permanent Supportive Housing Community in Austin, Texas, and Secondary Data Analysis of Demographic and Social Characteristics of Formerly Chronically Homeless Adults”

Capstone Advisor: Amy Knowlton

Ayu Putri Sarena

“Evaluating the Effect of Medicaid Expansion on Time to First Treatment Disparities in Breast Cancer Patients”

Capstone Advisors: Lisa Jacobs and Olutayo Sogunro

Shalini Singh

“Project Sunset: A Global Tobacco Endgame Assessment”

Capstone Advisor: Joanna Cohen

Caila Wagar

Department of Environmental Health and Engineering MPH Capstone Award- Recipient of \$300 Prize

“The Public Health Implications of West Virginia v. EPA”

Capstone Advisor: Paul Locke

Meng-Ju Wu

“Evaluation of dementia care program with focus on community network in Taiwan”

Capstone Advisor: Leiyu Shi

Arisa Yamaguchi

MPH Capstone Award of Distinction- Recipient of \$500 Prize

“Listening to children matters: The association between the children’s sense of being heard and the quality of life”

Capstone Advisor: Christina Bethell