



JOHNS HOPKINS
BLOOMBERG SCHOOL
of PUBLIC HEALTH

**Master of Public Health
Capstone Presentations
May 11, 2024**

Program

Johns Hopkins Bloomberg School of Public Health
Baltimore, Maryland

MPH CAPSTONE SYMPOSIUM

SATURDAY, MAY 11, 2024

AGENDA

7:30-8:30AM

SESSION ONE PRESENTERS LOAD PRESENTATIONS ON COMPUTERS

BREAKFAST IN FIRST FLOOR GALLERY

MORNING SESSION ONE*

- 8:15 AM** EPI & BIOST METHODS FOR PUBLIC HEALTH & CLINICAL RESEARCH
CONCENTRATION I – **Rosa Crum & Paul Rebman, Room W3008**
- 8:00 AM** EPI & BIOST METHODS FOR PUBLIC HEALTH & CLINICAL RESEARCH
CONCENTRATION II – **Marie Diener-West & Yi Wang, Room W2008**
- 8:15 AM** EPI & BIOST METHODS FOR PUBLIC HEALTH & CLINICAL RESEARCH
CONCENTRATION III – **John McGready & Alyssa Columbus, Room W5008**
- 8:30 AM** HEALTH LEADERSHIP & MANAGEMENT – **Mark Bittle & Anbrasi Edward,
Room W2033**
- 8:30 AM** HEALTH SYSTEMS & POLICY CONCENTRATION I – **Mary Fox & Lauren Barrow,
Room W4007**
- 8:30 AM** HEALTH SYSTEMS & POLICY CONCENTRATION II – **Dustin Gibson & Kobbie Aryee,
Room W4019**
- 8:30 AM** HEALTH SYSTEMS & POLICY CONCENTRATION III – **Paulani Mui & Zaib Hussain,
Room W4030**
- 8:30 AM** HUMANITARIAN HEALTH – **Courtland Robinson & Shannon Doocy, Room W3030**
- 8:30 AM** INFECTIOUS DISEASES CONCENTRATION – **Noreen Hynes & Photini Sinnis,
Room W2029**
- 8:15 AM** PUBLIC HEALTH TOPICS I – **Keith West & Abigail Arthur, Room W2017**
- 8:15 AM** PUBLIC HEALTH TOPICS II – **Randy Bryant & Nana Serwah Adofo-Ansong, Room E6519**
- 8:15 AM** PUBLIC HEALTH TOPICS III – **Meghan Davis & Zeba Nauroz, Room W2015**
- 8:30 AM** PUBLIC HEALTH TOPICS IV – **Jeffrey Hardesty & Himel Chowdhury, Room W4013**
- 8:30 AM** PUBLIC HEALTH TOPICS V – **Andrea Ruff & Emily Kumpf, Room W2030**
- 8:30 AM** MPH/MBA – **Stefan Baral, David Chin, & Paul Whong, Room E9519**

****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 11, 2024

AGENDA

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

BREAK IN FIRST FLOOR GALLERY

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

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

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

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

HEALTH SYSTEMS & POLICY CONCENTRATION IV – **Mary Fox, Dustin Gibson, & Lauren Barrow, Room W4007**

PUBLIC HEALTH TOPICS VI – **Andrea Ruff & Emily Kumpf, Room W2030**

PUBLIC HEALTH TOPICS VII - **Randy Bryant & Khushbu Balsara, Room E6519**

PUBLIC HEALTH TOPICS VIII – **Keith West & Abigail Arthur, Room W2017**

MPH/MBA – **Stefan Baral, David Chin, & Paul Whong, Room E9519**

****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

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Pinnock, Chantelle	11:00 am - 1:00 pm	E6519	32
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Rashid, Julien	8:15 am - 10:30 am	E6519	22
Rathakrishnan, Sharmini	11:00 am - 1:00 pm	E6519	32
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Uwimana, Berchmans	11:00 am - 1:00 pm	E9519	34
Venkatraman, Siddharth	11:00 am - 1:00 pm	W5008	29
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Yokokawa, Jun	11:00 am - 1:00 pm	W2017	33
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Zheng, Shiyun	8:30 am - 10:45 am	W2029	20
Zhu, Keqing	11:00 am - 1:00 pm	E9519	34
Zomorodian, Laila	8:15 am - 10:30 am	E6519	22

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

8:15 AM

Moderators: Rosa Crum

Paul Rebman

**Nana Boakye Agyeman
Badu**

How common are non-traditional risk factors among stroke patients and how do they influence mortality outcomes?

Pooja Akoijam

Factors associated with immunization of children in Mozambique. Results from COMSA.

Patricia Akyeampong

Comparative Analysis of Maternal Weight Gain Patterns and its Association with Fetal Outcomes Between Sickle Cell Genotype SS And SC Pregnancies

Akua Amoa

How does the pattern of polypharmacy influence health outcomes in individuals with chronic kidney disease (CKD), and what factors contribute to the necessity of prescribed medications?

Lai Nga Ao

PERCH Mortality Analysis

Ketum Ateh Stanislas

Inequalities in Access to Non-sternotomy and Transcatheter Surgical Procedures for Cardiac Valve Disease

**Edwina Awuku-
Aboagye**

Are regional disparities in childhood obesity rates in the United States associated with specific demographic and environmental factors?

Fekadu Ayalew

Do levels of circulating tumor cells (CTCs) or cell-free, tumor-derived DNA predict overall survival (OS) and progression-free survival (PFS) in patients with metastatic breast cancer after adjusting for demographic and clinical factors?

Chinenye Azoba

Cancer screening and healthcare utilization among immigrant cancer survivors with second primary cancer

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

8:00 AM

Moderators: Marie Diener-West

Yi Wang

Renato Bandeira de Mello

Intrinsic Capacity Domains as a Risk Factor for Frailty and Disability: A Nationwide Representative Study of the US Population

Abraham Carboo

Determinants of in-hospital Stroke Mortality in a Ghanaian Teaching Hospital

Sarah Cotton

Variability in COVID-19 hospitalization duration and implications on predictive modeling for public health preparedness

Sana Dayo

Assessing the socioeconomic differences in the impact of organ allocation policy on candidates awaiting liver transplant

Cecilia de Sousa

Representatives of Patients Enrolled in NCI-funded Multi-Modality Oncology Randomized Clinical Trials the U.S. Population: A Case Study in locally-advanced non-small cell lung cancer (LA-NSCLC) using RTOG0617 and National Cancer Database

Monica Desjardins

Evaluating Health Outcomes among American Indian/Alaska Native Persons Who Use Drugs in Oregon

Cynthia Edeh

Impact Of Integrated Social Behaviour Change (SBC) Programming On Modern Contraceptive Use in Nigeria

Sydney Garretson

Analyzing concordance between MUAC, MUACZ, and WHZ in diagnosing acute malnutrition among children under 5 in Somalia

Kiya Gurmessa

Factors influencing postpartum family planning: A regression analysis approach to understanding reproductive health choices in the postnatal period

Lincoln Hopkins

The effects of convalescent plasma on antibody avidity to SARS-CoV-2

Epi & Biostat Methods for Public Health & Clinical Research Concentration III Room W5008

8:15 AM **Moderators: John McGready** **Alyssa Columbus**

- Oshozimhede Iyalomhe** *Statin use among CKD patients in the United States and the KDIGO guidelines*
- Maryam Khan** *Sex-specific association between family history of premature heart disease (FHPHD) and cardiovascular outcomes*
- Lakshmi Kodali** *to find the impact of ILI on sex hormones and their impact on bone mineral density.*
- Suha Lambate** *Has the COVID19 pandemic changed the prevalence of molecular subtypes of breast cancer?*
- Katherine Lee** *Diabetes and Body Pain: Exploring the Correlation in the UK Biobank*
- Jenny Liang** *Effect of cannabis on treating chronic pain*
- Carlos Lopez Bray** *The Access Partnership: Access to Care and Diabetes Control*
- Lipin Lukose** *Treatment patterns and predictors for Gastro-Esophageal Reflux Disease in the US Ambulatory Setting*
- Rosa Mallorson** *Assessing the impact of Efavirenz on HIV persistence by inducing the CARD8-inflammasome*

Health Leadership & Management Concentration

Room W2033

8:30 AM

Moderators: Mark Bittle

Anbrasi Edward

Marela Banegas Lagos

The use of artificial intelligence to improve healthcare delivery and outcomes in low-and middle-income countries

Franc Herrera Carrillo

Scoping Review of Physical Disabilities in Children and Support Services in Tanzania

Mihyun Jang

A Quality Improvement Project to Improve First case On Time Starts in Orthopedic Operating Rooms

Andy Kim

Understanding the Challenges of Employer-Based Wellness Program

Akosua Nyame-Kusi

Improving Health Systems Readiness to Engage in Research to Address Disparities in Cardiovascular Health: An analysis of the LINKED-BP and LINKED-HEARTS Programs

**Oluwaremilekun
Ojeriakhi**

Designing a Research Process for Chief Strategy Officers (CSOs) in the Healthcare Industry: Understanding Their Role, Responsibilities, and Career Trajectory

Health Systems & Policy Concentration I

Room W4007

8:30 AM

Moderators: Mary Fox

Lauren Barrow

Mannan Akhtar

Review of Digital Health Applications in the State of Uttar Pradesh

**Fatima Nkempu
Ameaka**

Program evaluation of Planned Parenthood of Maryland's Health Liaison Training Program

Naveen Anaswara

Developmental and nutrition screening for children 0-6 years old in Lesotho

Pallavi Arora

Clinician's perspectives and role in implementation of Extreme Risk Protection Orders (ERPO) laws

Kerrie Barker

Developing pharmaceutical and vaccine manufacturing in Barbados: A regulatory perspective

**Mohua Chakraborty
Choudhury**

Building Trust through Shared Decision-making among African American Men with Prostate Cancer

Deya Chatterji

Addressing Tobacco Company Response to Statewide Menthol Bans: A Literature Review and Advocacy Plan for the USA

Aishwarya Dabholkar

Policy reform for dental insurance in the US

Health Systems & Policy Concentration II

Room W4019

8:30 AM

Moderators: Dustin Gibson

Kobbie Aryee

Thomas Dell

The Impact of Opioid Settlement Spending Decisions on Communities with the Highest Opioid Overdose Death Rates

Juliana Farhat

Impact of inflammation and immune activation on the association between insulin resistance and physical functional status

Sumit Garg

Vaccine manufacturing for pandemic preparedness in LMICs

Isis Gomes

Electronic health records' policy in Brazil: an analysis with equity lens

Vinay Goyal

Analysis of disability, pregnancy and birth outcomes, and maternal health care utilization data for pregnant women with disabilities living at the Iganga-Mayuge Health and Demographic Surveillance site (IM-HDSS) in Uganda

Isurujith Herath

Cost-Effectiveness Analysis Studies of Eliquis and Xarelto to Inform Medicare Drug Price Negotiations

Robert Hibbert

Physician behavior and changes in healthcare market equilibrium in Jamaica following increase in the compensation of public sector physicians without improving supporting infrastructure.

Christopher Hinojosa

Associations between firearm mortality and permitless carry implementation by state

Health Systems & Policy Concentration III

Room W4030

8:30 AM

Moderators: Paulani Mui

Zaib Hussain

Yohana Revi Imanita

The Burden of Healthcare Costs in Indonesia: An In-Depth Analysis of Out-of-Pocket Expenditure Patterns and Inequalities from the 2022 National Socioeconomic Survey

Jahanzeb Jahanzeb

Specific environmental conditions contributing to the incidence and severity of heat-related health outcomes among workers in hot working environment

Preye Jituboh

Association Between Minimum Community Benefit Requirement & Non-Profit Hospitals Community Benefit Spendings

Simone Konrad

Centering community self-identified issues and solutions: A qualitative study of US Black, Latinx and Indigenous perspectives to decolonize public health funding

Eashan Kumar

Evidence of Integrated Primary-Secondary Health Care in Low-and Middle-Income Countries

Margaret Murphy

Connecting the Ecosystem for Violence Prevention in Baltimore City

Simon Obi

The Safe System Approach & Technical Innovation

Mauro Razuk Filho

Association of Proton Pump Inhibitors with Graft Loss and Mortality in Lung Transplant Recipients".

Humanitarian Health Concentration

Room W3030

8:30 AM

Moderators: Courtland Robinson

Shannon Doocy

Hasina Alokozai

Development and implementation research protocol for study modalities to increase Coverage and adherence to multiple micronutrient Supplement for Pregnant women in Afghanistan

Sani Fatima

Reducing Prevalence of Forced Labor in the Brick-kiln Industry in Pakistan: An Intervention Evaluation

Anika Gnaedinger

Predictive Modeling of Traumatic Injury in Gaza

Tim Groteclaes

Equity of Maternal and Child Health Services in Afghanistan: A Spatiotemporal Analysis of National Survey Datasets

An Ly

Exploring Cross-Border Forensic Medical Evaluations for Humanitarian Parole and Title 42 Exemption

Syed Haroon Tora

Long-term Analysis of Outcomes of Low-Grade Blunt Pediatric Pancreatic Trauma Management Across the United States

Infectious Diseases Concentration

Room W2029

8:30 AM

Moderators: Noreen Hynes

Photini Sinnis

Joshua David

Vaccine adverse events associated with high consequence pathogen vaccinations

Kirabo Tess Ayazika

Applications of CRISPR in the elimination of persistent viruses. Is there hope for a cure?

Ahmed Elbordiny

Most new HIV infections, vertical transmissions and AIDS related deaths occur in lower prevalence countries

Hannah Goodtree

An Exploration of the Effectiveness of Quarantine and Isolation as Interventions for Pandemics: A Project Break Glass Case Study of Ebola and COVID-19

Alexandra Johnson

Preparing Health Care and Public Health Collaborating Systems to Respond to High Consequence Pathogens

**Marzieh
Keshtkarjahromi**

Evaluation of autonomic dysfunction in patients with diagnosis of Lyme disease or Post-treatment Lyme Disease (PTLD)

Ayush Kumar

Exploring Mpox awareness and transmission considerations among Black sexual minority men in Baltimore

Katherine Palmer

Advancing Awareness of the Public Health Implications of Lyme Disease Research.

Shiyun Zheng

Ethical Analysis of Human Challenge Studies: Reasons Why Compensation Should Be Offered to Human Challenge Study Participants

Public Health Topics I

Room W2017

8:15 AM

Moderators: Keith West

Abigail Arthur

Jacquelyn Bedsaul-Fryer

Effect of maternal multiple micronutrient vs iron-folic acid supplementation on maternal morbidity in late pregnancy in the JiVitA-3 randomized trial

Sarumathi Kullappan Sankaran

Replacing Salt with Herbs and Spices to reduce Hypertension

Hannah Cowley

Differential expression analysis in post-mortem brain samples of bipolar disorder patients treated with and without lithium

Liz Hamilton

Examining the Net Environmental Impact of Vaccines – A Literature Review and Framework Proposal

Anitha Iyer-Kothari

Mental Health Equity Dashboard

Caroline Kupchella

Understanding & Addressing Family Planning Access and Uptake Among Adolescent Girls and Young Women (AGYW) in Mwanza, Tanzania to Improve Program Outcomes

Madelin Martinez

Empowering Community Health Workers: Advocating for Equity and Sustainability in Maryland

Brianna Moody

Cultural Shame and Inherited Disdain: An Evaluation of How Personal and Societal Stigma and Systems Influence Health-Seeking Behaviors within Marginalized Populations in the United States

Bobby Pourier

Adaptation of Parental Skills Training Curriculum

Public Health Topics II

Room E6519

8:15 AM

Moderators: Randy Bryant

Nana Serwah Adofo-Ansong

Christopher Moynahan

Peer Support Service Integration Across the Justice System for Individuals with SUD

Aneri Pattani

Preliminary Evaluation of a Massive Open Online Course to Teach Journalists Responsible Suicide Reporting

Vidhi Patel

Lessons Learned in RSV Implementation to Inform Recommendations for Maternal Vaccine Introduction in LMICS

Hailey Ramsey

Impacts of Dobbs v. Jackson Women's Health Organization on Military Servicewomen and their Careers.

Julien Rashid

(Re)moving the Needle: US Policy Options for Accelerating the Development of Microneedle Array Patch Vaccines for Global Health and Pandemic Preparedness

Erica White

Innovative state approaches combatting climate changes: assessment and limitations

Laila Zomorodian

Comparative analysis of ventilator-associated pneumonia rates after early vs. late tracheostomy for traumatic brain injury patients in Ethiopian ICUs: A secondary data analysis

Jasmine Abdi

Community-Engaged Strategies and its Equity Implications for Reducing Mental Health Disparities among Somali-Americans

Mazin Ali Mahmoud

Assessing Mental Health Issues and Resource Utilization Among Graduate Students at Johns Hopkins Bloomberg School of Public Health: A Strategy for Improved Support and Cross-Institutional Framework Development

Public Health Topics III

Room W2015

8:30 AM

Moderators: Meghan Davis

Zeba Nauroz

Fahad Alkahtani

Australian Refined Diagnosis-related Group Implementation in The Saudi Private Health Insurance Market: Value-Based Care for Vision 2030

Vincent Anani

Proposal of the Consortium for access to quality healthcare, effective health education, and mental health resources for underserved populations

Savannah Bachman

At The Intersection Of Gender And Race: Suicide Risk Among Black Men

Sanaa Badhwar

Vaccine Hesitancy in Pregnant Individuals

Tanvi Bafna

Systematic Review of Well-Being Interventions for Minority Healthcare Workers

Nina Carr

A Landscape Analysis of State School Health Councils and Coalitions in the U.S.: A Mixed-Methods Formative Research Proposal

Emily Cassio

Cost-benefit analysis of increasing the fruit and vegetable cash value benefit for WIC participants

Mairead Deacy

Let's Talk Public Health: A Podcast

Public Health Topics IV

Room W4013

8:30 AM

Moderators: Jeffrey Hardesty

Himel Chowdhury

Sophihana Dilek

Policy analysis of Medicare coverage regarding genetic testing for cancer treatment eligibility

Emily Dunsmore

A process and implementation evaluation of Centro Sol's Youth Summer Scholars program to reduce inequities in diversifying the healthcare workforce for Latin-origin immigrant youth in Baltimore City.

Gleni-Kay Falloon

Investigating the Role of Staphylococcus aureus in Severe Pneumonia with Pleural Effusion in Children

Laurel Gibson

The association between direct and vicarious forms of anti-LGBTQ+ discrimination on the health outcomes of LGBTQ+ older adults

**Aryamawit Neway
Habteyesus**

Investigating the intersection between racism and gender norms in suicide research

Shafat Hassan

The Darker Side of Day Light: Exploring the Link between UV Exposure and Opioid Addiction

Madison Hearn

National Trends and Outcomes associated with Intraoperative Nerve Monitoring Utilization for Thyroidectomy

Madiha Ilkalwale

The darker side of daylight: Exploring the link between UV exposure and opioid addiction

Public Health Topics V

Room W2030

8:30 AM

Moderators: Andrea Ruff

Emily Kumpf

Faizah Kabir

What are the risk factors for severe respiratory infections for pediatric patients in rural Zambia?

Sarah Kolk

Strategies for Assessing Public Health Governance and Organizational Capabilities in Maryland

Samarth Krishna

Exploring the Intersection of Race and Gender-Affirming Care: Racial Experiences Among Transmasculine and Transfeminine Individuals

Wan-Hua Lin

E-cigarette Marketing on Social Media in China

Jiaqi Liu

Timing of VTE Prophylaxis Following Firearm-related Traumatic Brain Injury

Niharika Lnu

Design and evaluation of timed and targeted counseling in Eastern and Western Samar, Philippines

Ashley Maldonado

Associations Between Anthropometric Measures and Sapovirus Infection Risk Among Children in a Peri-Urban Community of Peru

Mauli Mehta

Investigating the associations between environmental factors and prognosis of psychotic disorders

MPH/MBA Program I

Room E9519

8:30 AM

Moderators: Stefan Baral David Chin Paul Whong

Joy Acha

Burden of Missed Opportunities for Vaccination in India; A Systematic Literature Review

Pineal Bareamichael

Comparative Analysis of Dry Eye in Patients With and Without Sjögren's Disease

Daniel Irowa-Omoregie

Equity in AI-driven healthcare: A comparison of coverage and utilization of AI tools for disease management in the U.S

Ana Katsafanas

Excess mortality among adults with opioid use disorder in the United States: a literature review

Mark Lucia

Evaluating Drug Administration Routes and Overdose Risk in the COVID-19 Era

Jessica Mambula

Analyzing Health-Seeking Patterns Among Out-of-School Adolescent Girls in Northern Nigeria and Identifying Key Institutions and Channels for HPV Vaccine Engagement and Coverage

Yuna Nakayasu

Application of GPT-4 with Vision (GPT-4V) to Support Decision-making in Emergency Medicine Using Japanese Specialty Board Certification Exam

Godson Ndubueze

Treatment outcomes among young persons living with HIV who transitioned to adult care in Southern Nigeria: A retrospective cohort study

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

11:00 AM

Moderators: Rosa Crum

Paul Rebman

Carrinton Mauney

Evaluating sex and race-based disparities in treatment of pediatric solid organ injury at pediatric vs. adult trauma centers

Aye Hnin Moe

Risk factors analysis for early and late recurrence of tuberculosis (TB).

Abdulhafeez Mustapha

Timeliness of routine immunizations in low- and middle-income countries

Chijindu Nwakama

The Impact of Dietary Intervention on Renal Health in African American Adults with Controlled Hypertension: Revisiting the 'Rice Plus Nuts and Beans' Randomized Control Trial

Nicholas Ofori

Effect of Marijuana Use on the Severity of Respiratory Symptoms Among HIV Patients in Baltimore, Between January and December, 2023.

Osadebamwen Osaghae

Effectiveness of Digital versus In-person Diabetes Prevention Programs

Daniel Ospina Delgado

Sociodemographic Factors Associated with Firearm Injury Recidivism in the State of Maryland

Ahmad Ozair

Machine Learning-Based Prediction of Inpatient Care Costs and Length of Stay for Patient with Brain Metastases: A Real-World Analysis.

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

11:00 AM

Moderators: Marie Diener-West

Yi Wang

Chunlin Ren

Impact of various variables on the probability of ever achieving a therapeutic level of vancomycin in inpatients at Johns Hopkins Hospital.

Ayesha Sadiq

Surgical Approach and Outcomes after Penetrating Trauma to the Femoral Artery

**Samandika
Saparamadu**

The prevalence of viral infections among those who use dietary supplements to boost the immune system among U.S. adults from 2011 to 2016: a cross-sectional study

Shivani Shirodkar

To characterize the relationship between cardiac stroke volume and cardiometabolic syndrome

Natalia Sifnugel

Maternal Adverse Childhood Experiences, Financial Stress, and Pro-inflammatory Cytokine Expression in Pregnancy.

Aakriti Suresh

Exploring spatial and temporal distribution of gun violence in Baltimore city, Maryland

Meghana Tallam

Vaccine Advocacy for Childhood Immunizations in Varanasi, India

Biruk Teshome

Association of life's essential eight with Cerebrovascular mortality in NHANES 2005 - 2018.

Epi & Biostat Methods for Public Health & Clinical Research Concentration VI Room W5008

11:00 AM

Moderators: John McGready Alyssa Columbus

Terrence Tsou

Practice Patterns of Peripheral Vascular Interventions for Peripheral Artery Disease in the Office-Based Laboratory Setting versus Outpatient Hospital

Siddharth Venkatraman

Pharmacologic Management of Diabetes among Adults with Chronic Kidney Disease

Elizabeth Walker

Investigating the polygenetic regulators of CLCN2 in psychotic disorders

Erin Wang

Characterization of Xylazine-Related Overdose Deaths in Maryland (2020-2022)

Nathnael Woldehana

Robotic-Assisted vs. Laparoscopic Cholecystectomy in Acute Care Surgery

Ekua Yeboah

Assessing the uptake of major vaccines among Chronic Kidney Disease Patients in a US representative population.

Cha-Shien Yen

Literature Review for Injectable Contraceptives Lessons Learned to Guide the Implementation of Injectable PrEP in Low-Resource Countries

Kehinde Tom-Ayegunle

Geriatric syndromes in older adults at risk for cardiovascular disease with analysis from ARIC visit 5

Health Systems & Policy Concentration IV

Room W4007

11:00	Moderators: Mary Fox Dustin Gibson Lauren Barrow
Aseel Salih	<i>The use of artificial intelligence to improve healthcare delivery and outcomes in low-and middle-income countries</i>
Maria Sandoval Navas	<i>Bridging the Gap: Policy Recommendations for Healthcare Access Among Undocumented Immigrants in the United States</i>
Cameron Smith	<i>Enhancing Nutrition Policy Effectiveness through Improved Nutrition Surveillance Systems in Nigeria</i>
Fadiya Soekotjo	<i>Strategic Framework for Sugar-Sweetened Beverage Tax Policy in Indonesia: Comparative Insights from Southeast Asian Case Studies</i>
Amit Talwar	<i>Feasibility and validity of NCD behavioral risk factors estimates in Colombia using Whatsapp as compared to IVR</i>
Surabhi Taori	<i>Development of a protocol for a systematic review to explore the interlinkages between One Health and NCDs.</i>

Public Health Topics VI

Room W2030

11:00 AM

Moderators: Andrea Ruff

Emily Kumpf

Shobha Mehta

Principles and Practical Recommendations for More Effective Public Health Communication

Natalie Mulmule

Expanding Caregiver Supports through State Paid Family Leave Policies

Yoshiko Nagahama

Arterial Stiffness and Subsequent Risk of Incident Diabetes Mellitus: The Atherosclerosis Risk in Communities (ARIC) Study

Marie Odile

Ndayishimiye Uwineza

Pregnant Women with Disabilities' Autonomy and Decision Making in Maternal and Newborn Health/Delivery

Ryan Nicholson

Association of Cannabis Versus Other Substance Use Disorders with Psychiatric Conditions: A Propensity-Matched Retrospective Cohort Analysis

Sarah Osei-Frimpong

Strengthening Emergency Care Research Quality: The role of mid-study PDSA in a multisite project in Ghana

Nidhi Pai

Identifying Drivers of Unplanned Hospital Readmissions at Howard County Medical Center: A Descriptive and Predictive Study

Nathina Pakade

Evaluating the Fidelity and Impact of the Modified Implementation strategies of the PrEP R01 Cluster Randomised controlled in South Africa

Public Health Topics VII

Room E6519

11:00 AM

Moderators: Randy Bryant

Khushbu Balsara

Bhavishya Pancharathi

Association between maternal social capital, maternal age, and breastfeeding practices

Chantelle Pinnock

Scoping Review and Landscape Analysis on Hypertension Control Strategies in Jamaica

**Sharmini
Rathakrishnan**

Driving Change: Navigating Migrant Worker Road Safety in Singapore using a Safe Systems Approach

Rachel Rattenni

Assessing the Baseline Needs of Four Jails in Caring for Pregnant Incarcerated Individuals with Opioid Use Disorder

Sagnik Ray

A scoping review to identify exposures or risk factors that co-occur and contribute to heat-related illness in workers

Katya Saksena

Assessing strategies to improve participation in mobile phone surveys for non-communicable diseases: Randomized studies from Bangladesh, Colombia, and Uganda

Tarun Srivastava

A comparison of household and mobile phone surveys for NCD risk factors in Bangladesh

Misker Tekka

Policy Analysis on Prevention of HIV/AIDS in racial minorities in the United States.

Public Health Topics VIII

Room W2017

11:00 - 1:00

Moderators: Keith West

Abigail Arthur

Hassan Salih

Evaluating the Effectiveness of Aquatabs in Cholera Case Area Targeted Interventions (CATIs) in Northern Nigeria

Koichiro Tomiyama

Predictors of the multiple opioid overdose among people who inject drugs

Maxwell Tran

An analysis of media reporting on gun incidents involving minors in Pennsylvania

Fonthip Watcharaporn

The Role of Minimally Invasive Surgery within ERAS Protocols in Reducing POI

Clare Weber

Prevalence of and Patient Characteristics associated with Minimally-Invasive Glaucoma Surgery (MIGS) Use at the Time of Cataract Surgery: A Medicare Analysis

Jun Yokokawa

The Association of the Heart Failure Stages with Cognitive Function

Wahid Youssef

Randomized, double-blind clinical trial protocol to test the safety and efficacy of a novel therapy for rare cardiac disease

Farheen Zafar

Impact of trade liberalization and globalization on obesity in India

MPH/MBA Program II

Room E9519

11:00 AM

Moderators: Stefan Baral David Chin Paul Whong

Ali Aahil Noorali

Navigating pathways toward optimal, sustainable, and effective patient-centric cardiovascular care: A 15-year Scoping Review (2009-2023) of Community-Based Interventions and Collaborative Care Models

Matthew Potter

Utilization and benefits of a digital health referral app in South Africa's public health system

Irene Quarshie

Enhancing Patient Safety: A Comprehensive Literature Review on Predictive Data Markers for Clinical Deterioration in General Ward Patients

Sanjana Roy

Pathways to HPV single-dose decision-making in ~20 LMICs

Ishani Sheth

Decision-making considerations in the adoption of a single-dose HPV vaccination schedule in 19 Gavi-eligible countries: a qualitative study

Berchmans Uwimana

Leveraging the polio infrastructure to integrate COVID-19 vaccination and routine immunization in hard-to-reach areas of South Sudan: A CORE Group Partners Project experience

Muneeb Zaidi

Integrating Physical Rehabilitation into Primary Care in Underserved Areas

Keqing Zhu

Psychometric issues of measurement equivalence when the National Surveys on Drug Use and Health shifted from its standard in-person computerized self-interview to web-based cloud-dataset assessments