

Public Health Innovations Conference

Spring 2024

Thursday, April 18th

Friday, April 19th

Thursday, April 18th: Virtual session (in-person option in Wood Building, WG-73)

[Click to Join Zoom Meeting](#)

Meeting ID: 955 7300 3565

Passcode: MPH

8:00am Opening Remarks

8:15am - 12:00pm Oral Presentations

12:00pm Break for Lunch

12:30pm - 4:15pm Oral Presentations

Friday, April 19th: In-person on CWRU campus

(Live stream Guest Presentation and Keynote Presentation here: <http://www.case.edu/livestream/s3>)

Biomedical Research Building

Auditorium 105 and Lobby

2109 Adelbert Road

9:00am Breakfast, Welcome, & Opening Remarks

9:15am - 10:15am Oral Presentations

10:30am—11:15am **Guest Presentation:** *Framing the Future: Education for Public Health 2030*

Shan Mohammed MD, MPH

Clinical Professor, Department of Health Sciences

Assistant Dean for DEIB (Diversity, Equity, Inclusion and Belonging) Educational and Student Initiatives

Bouvé College of Health Sciences, Northeastern University

11:15am - 12:00pm Poster Session (*refreshments provided*)

12:00pm **Keynote Presentation:** *On Contextology and Sense-Making: Evolving Skills for a Changing Public Health Landscape*

Scott Frank, MD, MS

Associate Professor Emeritus, Department of Population and Quantitative Health Sciences

Associate Professor Emeritus, Department of Family Medicine and Community Health

Director Emeritus, Master of Public Health Program

School of Medicine, Case Western Reserve University

1:00pm—1:45pm: Lunch

1:45pm - 5:00pm Oral Presentations

Public Health Innovations Conference

Spring 2024

Oral Presentations: Thursday, April 18th

Join from PC, Mac, Linux, iOS or Android: [Click Here](#)

Meeting ID: 955 57300 3565

Passcode: MPH

Morning Session

8:00am Welcome & Opening Remarks

8:15am **Zenobia Tayeb, MD:** *Assessing the Effectiveness of a Train-the-Trainer Model for a Family- and Community-based Research Intervention for at-risk Youth with Type 1 Diabetes*

8:45am **Anirudh Muralidharan:** *Examining Social Vulnerability as an Indicator of COVID-19 Vaccine Uptake and Healthcare Utilization in Adults with Acute Respiratory Infections in Ohio*

9:15am **Viraj Gorthi:** *Determinants of African American Alzheimer's Disease Study Enrollments*

9:45am **Julia Joo:** *Comorbidities Associated with Primary Open-Angle Glaucoma in a Large US Adult Cohort*

10:30am **Will Patterson:** *Regional Anesthesia-related Catheter Infections: Analysis of the NET-RA Registry*

11:00am **Meera Rajamani:** *Identifying Geographic Barriers to Access to Dental Care in Cleveland, OH*

11:30am **Shilpa Thandla:** *Evaluation of Attachment Vitamins Program Sustainability and Efficacy in the Greater Cleveland and Refugee Populations*

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Afternoon Session

12:30pm Luke Koski: *Navigating Gender-Affirming Care: A Multi-State Policy Analysis, 2021-2023*

1:00pm Steven Wang: *Exploration of Long-Term Payment Models in Individualized Genetic Therapies*

1:30pm Drake McFaul: *Exploring the Relationship between Social Vulnerability and Influenza Vaccine Uptake: Insights from Ohio's 2023-2024 Flu Season*

2:15pm George W. Matar, MD: *Assessing Satisfaction with Care for Sexual Minority Groups in an Urban Clinic*

2:45pm Rachel Schafer: *Legislative Impact and Persistent Disparities: A Comprehensive Analysis of Post-Mastectomy Immediate Breast Reconstruction Rates in the United States among 224,506 Patients*

3:15pm Skanda Moorthy: *Particulate Matter (PM2.5) Exposure and Single Nucleotide Polymorphisms Across Global Populations*

3:45pm Pooja Nambiar: *Exploring Spatial Patterns in a Smoking Cessation Intervention for People with Socioeconomic Disadvantage*

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2109 Adelbert Road

Morning Session

9:00am Breakfast, Welcome, & Opening Remarks

9:15am **Kimberly Han:** *How Perceived Threat of Physical Violence in Adolescence relates to Care Adherence in People Living with HIV*

9:45am **Ian Zonfa:** *Hypoglycemia Harm Reduction at University Hospitals*

10:30am Guest Presentation

Framing the Future: Education for Public Health 2030

Shan Mohammed MD, MPH

Clinical Professor, Department of Health Sciences

Assistant Dean for DEIB (Diversity, Equity, Inclusion and Belonging) Educational & Student Initiatives
Bouvé College of Health Sciences, Northeastern University

Live Stream available here: <http://www.case.edu/livestream/s3>

11:15am **Poster Session:** Practicum poster session in the lobby outside the auditorium. Refreshments will be served.

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Oral Presentations: Friday, April 19th

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Auditorium 105 & Lobby
2109 Adelbert Road

Afternoon Session

12:00pm **Keynote Presentation**

On Contextology and Sense-Making: Evolving Skills for a Changing Public Health Landscape

Scott Frank, MD, MS

Associate Professor Emeritus, Department of Population and Quantitative Health Sciences
Associate Professor Emeritus, Department of Family Medicine and Community Health
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1:45pm **Liz Stanley:** *Gap in Sexual Dysfunction Management between Men and Women Seen in Primary Care*

2:15pm **Joe O'Brien:** *Diagnostic Accuracy of Point-of-Care Ultrasound (POCUS) for Evaluation of Dyspnea in the Emergency Room Setting*

2:45pm **Bhavya Mahesh:** *How Do Various Health Communication Channels Inform Action Among Marginalized Communities?*

3:30pm **Alex Matthews:** *Dentists' Perspectives of Dental Care Access Barriers for Children and Youth with Special Healthcare Needs in Tennessee*

4:00pm **Sanjana Nallapaneni:** *Genetic, Lifestyle, and SDOH Factors for Heart Disease and Possible Combined Influence*

4:30pm **Vern Olaker:** *Considerations for Leveraging an Electronic Health Record Aggregated Data Platform*

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Poster Session

Friday, April 19th - 11:15am

Biomedical Research Building Lobby

Posters will also be available for viewing on the MPH program website: [Click here to view](#)

Harlie Custer: *Can the Federal Incident Command System Be Used to Address Racism as a Public Health Crisis?: Laying the Groundwork*

Samyukta Dore: *Learning to Work with Big Data: A Practicum Geared Toward Understanding Racial and Socioeconomic Disparities in Psychiatric Readmission Risk*

Justin Dvorak, MD: *Adult Solid Organ Injury: Who Needs Admission?*

Ava Fan: *Promoting Health through Education for 6-8th Graders*

Viraj Gorthi: *Intersections of Naturopathy and Science*

Rohan Govind: *Identifying Factors and Interventions Contributing to Nutritional Inaccess Across Varying Socioeconomic Status Backgrounds*

Estefania Hernandez: *Substance Use, Sleep Duration, and Health among Adults in Ohio*

Elena Igic: *Impact of Simple Intervention on Hand Hygiene Compliance from Two Hospital Units Using Electronic and Manual Data Collection Methods*

Julia Joo: *Familiarizing with TriNetX and Open-Angle Glaucoma*

Erika Kura: *Centering Lived Experiences of Human Trafficking Survivors to Close Wraparound Service Gaps*

Bhavya Mahesh: *The Role of Community Engagement in Increasing Prostate Cancer Screening Rates*

George W. Matar, MD: *Assessing Satisfaction with Care for Sexual Minority Groups in an Urban Clinic*

Sarah Mathew: *Surveying OB/GYN Prescribing Practices for Postpartum Patients*

Drake McFaul: *Exploring the Relationship between Social Vulnerability and Influenza Vaccine Uptake: Insights from Ohio's 2023-2024 Flu Season*

Sekinat Mumuney: *Understanding the Role of Antibody-bound Microbes in the Female Reproductive Tract during Vaginal Dysbiosis*

Anirudh Muralidharan: *Nourish: Utilizing Food Resource Management Techniques and the Social Cognitive Theory to Improve Cooking Skills among SNAP-Eligible Adults*

Joe O'Brien: *The Use of Ultrasound in the Diagnosis of Acute Dyspnea in the Emergency Department*

Chineme Onwubueke: *MamaStrong*

Liz Stanley: *Gap in Sexual Dysfunction Management between Men and Women Seen in Primary Care*

Zenobia Tayeb, MD: *Assessing the Effectiveness of a Train-the-Trainer Model of a Family- and Community-based Research Intervention for At-risk Youth with Type 1 Diabetes*

Shilpa Thandla: *Improving Utility Assistance and Resource Access*

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Friday, April 19th 10:30am

Biomedical Research Building, Auditorium 105
2109 Adelbert Road

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Guest Presentation:

Framing the Future: Education for Public Health 2030



Shan Mohammed MD, MPH

Clinical Professor, Department of Health Sciences

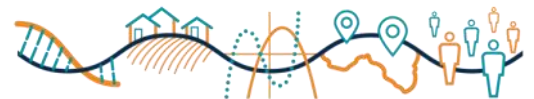
Assistant Dean for DEIB (Diversity, Equity, Inclusion and Belonging) Educational & Student Initiatives

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CASE WESTERN RESERVE
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Master of Public Health Program



DEPARTMENT OF POPULATION AND
QUANTITATIVE HEALTH SCIENCES

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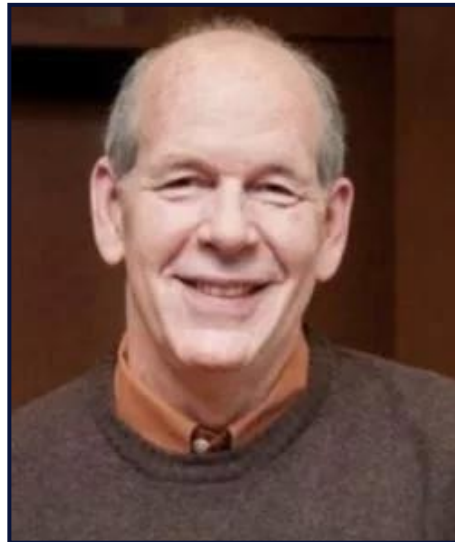
Friday, April 19th 12:00pm

Biomedical Research Building, Auditorium 105
2109 Adelbert Road

Live Stream available here: <http://www.case.edu/livestream/s3>

Keynote Presentation:

On Contextology and Sense-Making: Evolving Skills for a Changing Public Health Landscape



Scott Frank, MD, MS

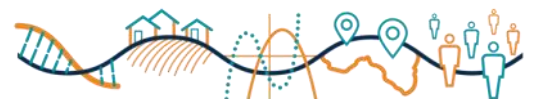
Associate Professor Emeritus, Department of Population and Quantitative Health Sciences
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Lunch reception to follow presentation



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