

PUBLIC HEALTH AT WASHU ANNUAL CONFERENCE

The             **NEAAT**
ERA of
Public Health

Equity-informed approaches to innovative technologies & workforce development

MONDAY, OCTOBER 21 | 5:30-8 P.M.

CLARK-FOX FORUM, HILLMAN HALL | DANFORTH CAMPUS

TUESDAY, OCTOBER 22 | 8:45 A.M.-1:30 P.M.

ERIC P. NEWMAN EDUCATION CENTER | MEDICAL CAMPUS



WashU Public Health

The 2024 Public Health at WashU annual conference is a collaboration between WashU's strategic plan, Here and Next and the Institute for Public Health.

The 2024 conference planning committee includes Meaghan Bailey, Ashley Bardon, Ross Brownson, Jeanie Bryant, Kim Furlow, Natalie Galucia, Elvin Geng, Emily Hickner, Leah Kemper, Karen Joynt Maddox, Amy Maier, Mary Politi, and Rodrigo Siqueira Reis.

The following members of the Institute for Public Health team help make this event possible:

Adriana Aramburu Graypel, MPH

Meaghan Bailey, MPH

Ashley Bardon, PhD, MPH

Abigail Barker, PhD

Jeanie Bryant

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Michele Dinman, MPH

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Natalie Galucia, LMSW

Elvin Geng, MD, MPH

Emily Hickner

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Guhan Iyer, MPH

Kenton Johnston, PhD, MPH

Karen Joynt Maddox, MD, MPH

Leah Kemper, MPH

Allison King, MD, MPH, PhD

Jamie Macon

Tanya Madden

Brett Maricque, PhD

Anna Mazzuca Firley, MA

Timothy McBride, PhD, MS

Elaine Mercer

Nancy Morrow- Howell, PhD

Sarah Herstand Myers

Temitope Ojo, PhD

William Powderly, MD

Byron J. Powell, PhD, LCSW

Hilary Reno, MD, PhD

Brenna Simmons

Ashley Sturm, MA

Kim Thuy Seelinger, JD

Anne Trolard, MPH

DAY ONE AGENDA

5:30 p.m. Opening Remarks

Mary McKay, PhD

Vice Provost for Interdisciplinary Initiatives, WashU

5:45 p.m. Overview of the St. Louis Confluence Collaborative

Bettina Drake, PhD

Faculty Director, St. Louis Confluence Collaborative for Community-Engaged Research, Teaching and Practice, WashU

6:00 p.m. Presentation

Public health in the age of digital data: Can we overcome persistent challenges to leverage new opportunities?

Deven McGraw, JD, MPH, LLM

Chief Regulatory and Privacy Officer, Citizen Health

6:45 p.m. Discussion

- Chenyang Lu, PhD, MS
Fullgraf Professor of Computer Science & Engineering, WashU
- Hilary Reno, MD, PhD
co-Director, Public Health Data & Training Center, WashU
- Deven McGraw, JD, MPH, LLM

Moderated by Philip Payne, PhD

Janet and Bernard Becker Professor, WashU

7:15 p.m. Networking Reception

8:00 p.m. Close of Day One

FEATURED SPEAKERS

In order of appearance.



Mary McKay, PhD | Opening Remarks

Vice Provost for Interdisciplinary Initiatives, WashU

Mary McKay works across WashU to enhance interdisciplinary research and education and to build collaborations that ensure the successful implementation of the university's strategic plan. McKay's academic experience connects deeply to social work, public health and social policy. She has received substantial federal funding for research focused on meeting the mental health needs of youth and families affected by poverty and has significant experience in child mental health services and implementation research methods. Supported by the National Institutes of Health, McKay has more than 30 years of experience conducting HIV prevention and care-oriented studies in the United States and nine countries.



Bettina Drake, PhD | Speaker

Faculty Director of the St. Louis Confluence Collaborative for Community-Engaged Research, Teaching & Practice and Professor of Surgery, School of Medicine, WashU

Bettina Drake is a cancer epidemiologist whose research focuses on identifying preventive strategies and integrating community engagement approaches to reduce cancer disparities. Drake works to improve quality of life for metastatic prostate cancer patients and to recruit and maintain a diverse prostate cancer biorepository and foster multidisciplinary research. She leads two National Cancer Institute centers and is a principal investigator on the NCI-funded Participant Engagement and Cancer Genome Sequencing grant to understand patient engagement among those with rare cancers and high-risk populations. As director of the St. Louis Confluence Collaborative for Community-Engaged Research, Teaching, and Practice, and aligning with WashU's mission, she is building infrastructure to foster community engagement.



Deven McGraw, JD, MPH, LLM | Speaker

Chief Regulatory and Privacy Officer, Citizen Health

Widely recognized for her expertise in health privacy, Deven McGraw worked as deputy director of health information privacy at the HHS Office for Civil Rights and was acting Chief Privacy Officer of the Office of the National Coordinator for Health IT. She directed the Health Privacy Project at the Center for Democracy & Technology and on several occasions, testified before Congress on health privacy issues. She serves on the federal Health Information Technology Advisory Committee, the California Data Sharing Agreement Policies and Procedures Subcommittee, and the Data and Surveillance Workgroup of the CDC's Advisory Committee. She is the former COO of the National Partnership for Women and Families and also advised health industry clients on HIPAA compliance and data governance.



Philip Payne, PhD | Moderator

Janet and Bernard Becker Professor; Director, Institute for Informatics, Data Science & Biostatistics; and Associate Dean for Health Information & Data Science; and Chief Data Scientist, School of Medicine, WashU

In addition to his leadership roles, Philip Payne holds appointments on national steering, scientific, editorial, and advisory committees, and is associated with the American Medical Informatics Association, AcademyHealth, the National Library of Medicine, the National Center for Clinical and Translational Science, and the National Academy of Medicine. Payne has authored over 275 publications focusing on the intersection of biomedical informatics and clinical and translational science domains. Payne's research group engages in computational approaches to the discovery of multi-scale phenotypes and identifies precision diagnostic and therapeutic strategies, interventional approaches to the use of electronic health records and clinical decision support systems. The team also studies designs and evaluations of open-science platforms that enable cooperative approaches to discovery science.



Chenyang Lu, PhD | Discussant

Fullgraf Professor of Computer Science & Engineering, McKelvey School of Engineering and Director of AI for Health Institute, WashU

Chenyang Lu holds joint professorships in anesthesiology and medicine and as founding director of the AI for Health Institute, Lu leads a multidisciplinary research initiative that unites AI researchers and health experts to tackle critical health care and public health challenges using cutting-edge, data-driven approaches. Lu is a fellow of both the Association for Computing Machinery and the Institute of Electrical and Electronics Engineers (IEEE). His contributions have been recognized with the 2022 Outstanding Technical Achievement and Leadership Award from the IEEE Technical Community on Real-Time Systems.



Hilary Reno, MD, PhD, FIDSA | Discussant

co-Director, Public Health Data & Training Center and Professor of Medicine, Division of Infectious Diseases, School of Medicine, WashU

Hilary Reno focuses on the care of people with sexually transmitted infections (STIs) and HIV prevention. Her research examines the use of health care system data to improve evaluation of sexual health care, center communities most affected by STIs, and affect change on a regional level. Reno has been the medical director of the St. Louis County Sexual Health clinic for 17 years. She is principal investigator of the St. Louis STI/HIV Prevention Training Center; co-director of the Public Health Data and Training Center at the Institute for Public Health; a medical consultant with the CDC, Division of STD Prevention; and a co-author of the CDC STI Treatment Guidelines and CDC Doxy-PEP Guidelines.

DAY TWO AGENDA

8:45 a.m. Opening Remarks

William G. Powderly, MD
Larry J. Shapiro Director, Institute for Public Health, WashU

9:00 a.m. Presentation

Preparing for public health in the future: Do we know where we want to go?

Jonathan Samet, MD, MS
Professor, Colorado School of Public Health

9:55 a.m. Break

10:10 a.m. Panel Discussion

Challenges & Strategies for Building the Public Health Workforce of the Future

- Victoria Anwuri, MPH
Commissioner of Health, St. Louis City Department of Health
- Aimee James, PhD, MPH, MA
Professor of Surgery, School of Medicine, WashU
- Rachel Tabak, PhD, RD
Associate Professor, Brown School, WashU
- Ciarra Walker, MPH
Executive Director, St. Louis Community Health Worker Coalition

Moderated by Karen Joynt Maddox, MD, MPH
co-Director, Center for Advancing Health Services, Policy & Economics Research, WashU

11:30 a.m. Presentation

Why health? New directions for population health science and the foundations of a new school of public health

Sandro Galea, MD, DrPh
Margaret C. Ryan Dean Designate, *planned* WashU School of Public Health

Introduced by Victoria Fraser, MD
Adolphus Busch Professor of Medicine and Chair of the Department of Medicine, WashU

12:30 p.m. Lunch and Poster Session

Light fare provided.

1:30 p.m. Close of Day Two

FEATURED SPEAKERS

In order of appearance.



William G. Powderly, MD | Opening Remarks

Larry J. Shapiro Director, Institute for Public Health; Dr. J. William Campbell Professor of Medicine; Associate Dean for Clinical and Translational Sciences; co-Director of the Division of Infectious Diseases, School of Medicine; and Director, Institute for Clinical & Translational Sciences, WashU

Bill Powderly has been actively involved in HIV-related clinical research for more than 30 years. He has been a member of numerous advisory groups on HIV and infectious diseases for the National Institutes of Health, the U.S. Centers for Disease Control and Prevention, and others. As director of the Institute for Public Health, Powderly has translated scientific advances to a wider population to improve public health. Powderly is a fellow of the Royal College of Physicians in Ireland, the Royal College of Physicians (London) and the American Association for the Advancement of Science, and is a former president of the Infectious Diseases Society of America.



Jonathan Samet, MD, MS | Speaker

Professor and Interim Department Chair, Colorado School of Public Health

A pulmonary physician and epidemiologist, Jonathan Samet is the former dean of the Colorado School of Public Health and a professor in epidemiology and environmental and occupational health. His research focuses on health risks of inhaled pollutants indoor and outdoor air, including secondhand smoke and radon. He has investigated the epidemiology of cancer and respiratory diseases and led the Colorado COVID-19 Modeling Group, and the Colorado Cannabis Research & Policy Project. Samet received the Surgeon General's Medallion in 1990 and 2006, the 2004 Prince Mahidol Award for Global Health from the King of Thailand, the Edward Livingston Trudeau Medal from the American Thoracic Society/American Lung Association, the American Cancer Society's Luther Terry Award for Distinguished Career, and the Fries Prize for Health. Samet was elected to the National Academy of Medicine in 1997.



Karen Joynt Maddox, MD, MPH | Moderator

co-Director, Center for Advancing Health Services, Policy & Economics Research and Associate Professor of Medicine, School of Medicine, WashU

Karen Joynt Maddox's specific research interests include improving the measurement of the quality and efficiency of physicians, hospitals, and health systems; understanding the impact of policy interventions on health care, with a focus on value-based and alternative payment models; and reducing disparities in care, with a focus on vulnerable populations including racial and ethnic minorities, individuals living in poverty, individuals with disabilities, frail elders, and those in rural areas. She has authored more than 250 articles featured in the National Institute of Health Library of Medicine.



Victoria Anwuri, MPH | Panelist

Commissioner of Health, St. Louis City Department of Health

As Commissioner of Health for the City of St. Louis, Victoria Anwuri leads public health initiatives and collaborates with stakeholders to improve community health. This includes a focus on environmental health, behavioral health, communicable and chronic disease response and prevention, and emergency preparedness. She ensures the effective implementation of equitable health policies and fosters partnerships to address key health challenges. As commissioner, she has championed several workforce development initiatives including playing a pivotal role in obtaining a Public Health Infrastructure Grant for the Department of Health, focused on core public health infrastructure investments, workforce retention strategies, data modernization, and employee wellness.



Aimee James, PhD, MPH, MA | Panelist

Professor of Surgery, School of Medicine, WashU and Associate Director, Cancer Research Training and Education and Program Leader, Prevention and Control, Siteman Cancer Center

Aimee James partners with community-based primary care and health systems on research to increase early cancer detection, timely follow-up, and promote improved outcomes. This includes using qualitative, mixed methods, intervention, and implementation sciences with community-engaged approaches. She is dedicated to developing cancer research and health equity workforces, co-leading a grant in transdisciplinary cancer control, and serving as associate director for training and education at Siteman. James leads or co-leads research such as Safestep, a trial to increase colon cancer screening in rural primary care, and the Siteman Catchment ACCESS Hub for the Cancer Screening Research Network. She also co-leads the newly funded ACCERT Center, advancing health equity and community engaged research for cancer control.



Rachel Tabak, PhD, RD | Panelist

Associate Professor, Brown School, WashU

Rachel Tabak conducts research on healthy eating and activity promotion, chronic disease prevention, and impact of the environment and policy on healthy eating and physical activity. In addition, her scholarship both applies and expands implementation science methods to advance health equity. In addition to her associate professor role, Rachel Tabak is a part of the Prevention Research Center and the Centene Center for Health Transformation. She works in obesity prevention and community-based physical activity and nutrition strategies. She is also interested in dissemination and implementation research.



Ciearra Walker, MPH | Panelist

Executive Director, St. Louis Community Health Worker Coalition

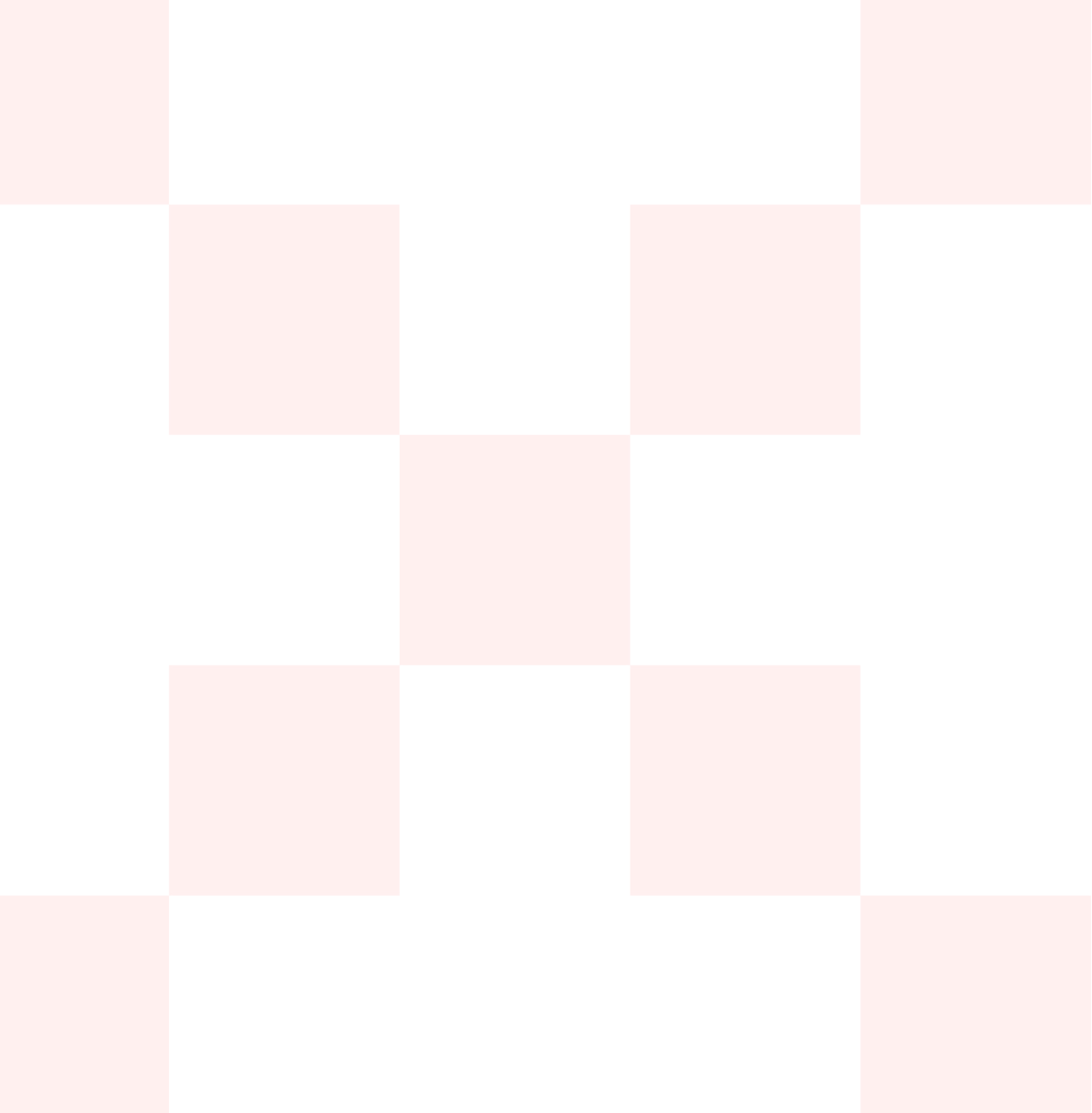
Ciearra "CJ" Walker is a dynamic public health leader and catalyst, dedicated to transforming institutions into racially responsive systems that promote generational community wellbeing. Since 2018, she has engaged a network of 350+ local leaders and over 45 organizations, leading to the creation of the St. Louis Community Health Worker Coalition. As President and CEO of the organization, she addresses social needs, elevates resident voices, champions policy, and fosters community solutions through authentic partnerships. Walker serves on the boards of a bi-state foundation and two nonprofits, is vice president of the CHW Association of Missouri, an active member of the National Association of Health Service Executives, and a proud member of Delta Sigma Theta Sorority.



Sandro Galea, MD, MPH, DrPh | Speaker

Margaret C. Ryan Dean Designate, *planned* School of Public Health, WashU

Sandro Galea, a physician, epidemiologist, and author, is dean and Robert A. Knox Professor at Boston University School of Public Health. He previously held academic and leadership positions at Columbia University, the University of Michigan, and the New York Academy of Medicine. He has published extensively in the peer-reviewed literature and is a regular contributor to a range of public media, about the social causes of health, mental health, and the consequences of trauma. He has been listed as one of the most widely cited scholars in the social sciences. He serves as chair of the Boston Board of Health, is past chair of the board of the Association of Schools and Programs of Public Health and past president of the Society for Epidemiologic Research and of the Interdisciplinary Association for Population Health Science. He is an elected member of the National Academy of Medicine. Galea has received several lifetime achievement awards. Galea holds a medical degree from the University of Toronto, graduate degrees from Harvard University and Columbia University, and honorary doctorates from the University of Glasgow and the Icahn School of Medicine at Mount Sinai. In 2025, Galea will become the inaugural Margaret C. Ryan Dean of the School of Public Health and the Eugene S. and Constance Kahn Distinguished Professor in Public Health at Washington University in St. Louis.



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