



APHA 2024

ANNUAL MEETING & EXPO
Minneapolis | Oct. 27-30

UOFM SPH FACULTY AND STUDENTS TO SHOWCASE 27 PRESENTATIONS AT 2024 APHA ANNUAL MEETING

The APHA Annual Meeting and Expo is the largest public health gathering of the country that bring about 12,000 professionals and partners from around the world to engage, collaborate and grow. This year, the annual meeting will be held in Minneapolis from October 27-30,2024. SPH faculty and students will deliver 27 presentations including both, oral and poster formats at the expo. We are incredibly proud of our presenters and wish them the best as they represent the University of Memphis School of Public Health.

The details of presentations with links to their abstracts are as follows:

Sunday, October 27, 2024

[2034.0 - Psilocybin-assisted therapy for treatment-resistant and major depressive disorder: A systematic review and meta-analysis](#)

Easter Protiva Gain, MPharm¹, Farah Faizah, MD, MPH¹, Naznin Alam, MS¹ and Hoimonty Mazumder²
(1)University of Memphis, Memphis, TN, (2)School of Public Health, The University of Memphis, Memphis, TN

Presenter: Easter Protiva Gain
Format: Poster
Session: Global Health and Substance Use Poster Session
Date: Sunday, October 27, 2024
Time: 1:00 PM - 2:00 PM

[2011.0 – Increasing Awareness of Public Health through an Extreme Heat Tabletop Exercise](#)

Kimberly Harrell¹, Dawn Ford, PhD, CPH² and Marian Levy, DrPH, RD³

(1) Tennessee Public Health Association, Hendersonville, TN, (2) Signal Mountain, TN, (3) School of Public Health, The University of Memphis, Memphis, TN

Presenter: Marian Levy, DrPH, RD

Format: Poster

Session: APHA Affiliate Session

Date: Sunday, October 27, 2024

Time: 1:00 PM - 2:00 PM

[2025.0 - Climate change knowledge, perceptions, and actions: A survey of undergraduate college students](#)

Abigail Eydman¹, Alina Filandro¹, Sarah Lawson, Ph.D¹, Alex Parkhouse, Ph.D.² and K. James Soda, Ph.D.¹

(1)Quinnipiac University, Hamden, CT, (2)University of Memphis, Memphis, TN

Presenter: Abigail Eydman

Format: Poster

Session: [Student Achievement Poster Award Track](#)

Date: Sunday, October 27, 2024

Time: 1:00 PM - 2:00 PM

[2080.0 Does past dental visit and dentist-patient communication affects oral cancer examination behavior among tobacco users in western India?](#)

Nirmal Ahuja, DrPH, MPH¹, Nikhil Ahuja, PhD, MDS², Dimple Bajaj, MDS, BDS³, Mahima Gulabani, PhD, M.Sc.⁴, Satish Kedia, PhD, MPH⁵ and Eugene Lengerich, VMD, MS⁶

(1)Penn State Harrisburg, Middletown, PA, (2)Slippery Rock University, Slippery Rock, PA, (3)Vaidik Dental College and Research Center, Daman, India, (4)Independent Researcher, Grove City, PA, (5)University of Memphis School of Public Health, Memphis, TN, (6)Penn State University, Hershey, PA

Presenter: Nirmal Ahuja

Format: Oral

Session: Tobacco Interventions in a Global Context

Date: Sunday, October 27, 2024

Time: 3:15 PM - 3:30 PM

[2165.0 - Visual communication of public health data: A scoping review](#)

Michael Ofori, MPhil¹, Stella Lartey, PhD, MA, MPH, MA², Polina Durneva, PhD³, Shongkour Roy, PhD Student³, Nidhi Mittal⁴, Nichole Saulsberry-Scarboro, PhD⁴, Michelle Taylor, MD, DrPH, MPA⁵ and Ashish Joshi, PhD³

(1)The University of Memphis, Memphis, TN, (2)Germantown, TN, (3)University of Memphis, Memphis, TN, (4)PH-IDEAS, University of Memphis, Memphis, TN, (5)Shelby County Health Department, Memphis, TN

Presenter: Michael Ofori

Format: Round Table

Session: Artificial Intelligence Round Table

Date: Sunday, October 27, 2024

Time: 4:30 PM – 6:00 PM

[2142.0- The disproportionate impact of housing discrimination on individuals living with sickle cell disease.](#)

Ayesha Mukhopadhyay, PhD MBBS MBA MPH¹, Walter Stevens, MPH², Amanda Young, PhD¹, Allison Plaxco, PhD¹, Judy Dudley³, Kelly Pimenta, MPH¹, Meredith Ray, PhD¹, Abu Mohd Naser, PhD, MPH, MBBS¹, Andrew Wiese, MPH PhD³, William Cooper, MPH MD³ and **Matthew Smeltzer, MStat PhD¹**

(1) University of Memphis, Memphis, TN, (2) Memphis, TN, (3) Vanderbilt University, Nashville, TN

Presenter: Matthew Smeltzer, PhD, MStat

Format: Oral

Session: Racism, Colonialism, and White Supremacy on the Health Status of African Americans

Date: Sunday, October 27, 2024

Time: 4:30 PM

[2194.0 - Discontinuation of antidepressants and the risk of medication resumption among community-dwelling older adults with depression in the US](#)

Easter Protiva Gain, MPharm¹, Xinhua Yu, PhD², Satish Kedia, PhD, MPH³, Abu Mohd Naser, PhD, MPH, MBBS², Fawaz Mzayek, MD, MPH, PhD², Mark'Quest Ajoku, MPH², Meredith Ray, PhD², Xichen Mou, PhD³ and Morgan Bromley, MPH²

(1)University of Memphis, Memphis, TN, (2)University of Memphis, Memphis, TN, (3)University of Memphis School of Public Health, Memphis, TN

Presenter: Easter Protiva Gain

Format: Poster

Session: Medical Care, Disease Screening, Management, and Treatment

Date: Sunday, October 27, 2024

Time: 5:00 PM – 6:00 PM

Monday, October 28, 2024

[4106.1 - Antisemitism and its threat to public health: A conversation](#)

Marian Levy, DrPH, RD

University of Memphis, Memphis, TN

Presenter: Marian Levy, DrPH, RD.

Format: Oral

Session: Mitigating the Threat of Anti-Semitism to Public Health: A Conversation

APHA's Partner Symposia

Date: Monday, October 28, 2024

Time: 8:30 AM - 8:45 AM

[3151.0 - Predicting hospital readmissions with the epic calculated chance of survival at a large level 1 trauma center](#)

Prachi Chavan, MD, PhD, MPH¹, Xinhua Yu, PhD², Brian C Martin¹, Marissa Galicia-Castillo, MD, MEd, CMD, FACP, AGSF, FAAHPM¹, Kanishk Sharma, MD³, Kristin Olson, BS¹ and Gerryl Naranjo, BS¹
(1)Eastern Virginia Medical School, Norfolk, VA, (2)University of Memphis, Memphis, TN, (3)Phelps Memorial Hospital Center at Northwell Health, Sleepy Hollow, NY

Presenter: Prachi Chavan, MD, PhD, MPH

Format: Oral

Session: Messaging and Explaining Public Health in a Climate of Misinformation and Disinformation

Date: Monday, October 28, 2024

Time: 10:30 AM - 10:45

[3118.1 - How the University of Memphis School of Public Health successfully speaks about academic public health](#)

Ashish Joshi, PhD

University of Memphis, Memphis, TN

Presenter: Ashish Joshi, PhD

Format: Oral

Session: Messaging and Explaining Public Health in a Climate of Misinformation and Disinformation

Date: Monday, October 28, 2024

Time: 10:45 AM - 11:00

[3273.0 - Contemporary global burden of sickle cell disease: A systematic review](#)

Kelly Pimenta, MPH¹, Ombeni Idassi, MHS², Jeffery Edwards, MPH, MD³, Kathleen Louise Strong⁴, Jane Hankins, MD MS² and Matthew Smeltzer, MStat PhD¹

(1)University of Memphis, Memphis, TN, (2)St. Jude Children's Research Hospital, Memphis, TN, (3)Boston Children's Hospital, Harvard Medical School, Boston, MA, (4)World Health Organization, Geneva, Switzerland

Presenter: Kelly Pimenta

Format: Oral

Session: Global Learnings from Epidemiology and Practice

Date: Monday, October 28, 2024

Time: 2:30 PM - 2:45 PM

[3213.0 - "between- and within-emergency department payer-type variations in the outcomes of an emergency department visit diagnosed with pneumonia"](#)

Kiran Kamble, M.B.B.S., MPH, PhD Candidate¹, Satish Kedia, PhD, MPH², Courtnee Melton-Fant, Assistant Professor Health Systems Management and Policy division¹, Meredith Ray, PhD¹, Aram Dobalian, Associate Dean of Graduate Studies³ and Kenneth D. Ward⁴

(1)University of Memphis, Memphis, TN, (2)University of Memphis School of Public Health, Memphis, TN, (3)Ohio State University College of Public Health, Columbus, OH, (4)The University of New Mexico, Albuquerque, NM

Presenter: Kiran Kamble

Format: Poster

Session: Health Administration Section Poster Presentations Group 1

Date: Monday, October 28, 2024

Time: 2:30 PM - 3:30 PM

[3250.0 - Patient-centered communication and cancer information-seeking experiences among cancer survivors: A population-based study in the United States](#)

Asos Mahmood, MBChB, MPH, PhD¹, **Deborah Ogunsanmi, B.Pharm¹**, Satish Kedia, PhD, MPH² and Umar Kabir, DVM, MPH, PhD¹

(1)University of Tennessee Health Science Center, Memphis, TN, (2)University of Memphis School of Public Health, Memphis, TN

Presenter: Deborah Ogunsanmi

Format: Oral

Session: Enhancing Patient Communication to Improve Cancer Outcomes and Disparities

Date: Monday, October 28, 2024

Time: 3:15 PM - 3:30 PM

Tuesday, October 29, 2024

[4034.0 - Fighting stigma with faith: Lessons learned from a community-academic partnership to revitalize faith-based HIV health education](#)

Reighan E. Diehl, MPH¹, Erin N. Jewell, MPH¹, Andrea Stubbs, MPA², Bettina Campbell, LMSW³, Carla London, DNP, APRN, CFNP⁴, Katrina M. Kimble⁵, Krista Thayer⁶, Robin S. Briggs⁷, Tekeima Townsend-Billups⁸, Gina M. Stewart, DMin, Mdiv, M.Ed⁹, Memphis Headliners¹⁰, Memphis Connect to Protect⁸ and Latrice C. Pichon, PhD, MPH, CHES¹¹

(1)The University of Memphis, Memphis, TN, (2)St. Jude Children's Research Hospital, MEMPHIS, TN, (3)YOUR Center, Memphis, TN, (4)Memphis, TN, (5)Katrina Kimble Consulting, Memphis, TN, (6)Friends For All Memphis, Memphis, TN, (7)Memphis Theological Seminary, Memphis, TN, (8)St. Jude Children's Research Hospital, Memphis, TN, (9)Christ Missionary Baptist Church, Memphis, TN, (10)Headliners Memphis, Memphis, TN, (11)University of Memphis, Memphis, TN

Presenter: Reighan E. Diehl

Format: Oral

Session: HIV Prevention and Testing II

Date: Tuesday, October 29, 2024

Time: 9:15 AM - 9:30 AM

[4070.0 - Attempts to quit waterpipe\(hookah\) smoking among Lebanese adolescents.](#)

Tony Lugemwa, MSPH¹, Ayesha Mukhopadhyay, PhD MBBS MBA MPH², Shafi Bhuiyan, PhD, MBBS, MPH, MBA², Taghrid Asfar, MD, MSPH³, Rima Nakkash, DrPH⁴, Wasim Maziak, MD, PhD⁵ and Kenneth D. Ward⁶

(1)Memphis, TN, (2)University of Memphis, Memphis, TN, (3)The University of Miami, Miami, FL, (4)Fairfax, VA, (5)Florida International University, Miami, FL, (6)The University of New Mexico, Albuquerque, NM

Presenter: Tony Lugemwa

Format: Poster

Session: Tobacco Control from a Global Perspective

Date: Tuesday, October 29, 2024

Time: 10:30 AM - 11:30 AM

[4070.0 - Prevalence and determinants of waterpipe tobacco use in South Africa: a systematic review](#)

Tony Lugemwa, MSPH¹, Ayesha Mukhopadhyay, PhD MBBS MBA MPH², Shafi Bhuiyan, PhD, MBBS, MPH, MBA², Satish Kedia, PhD, MPH³ and Kenneth D. Ward⁴

(1)Memphis, TN, (2)University of Memphis, Memphis, TN, (3)University of Memphis School of Public Health, Memphis, TN, (4)The University of New Mexico, Albuquerque, NM

Presenter: Tony Lugemwa

Format: Poster

Session: Tobacco Control from a Global Perspective

Date: Tuesday, October 29, 2024

Time: 10:30 AM - 11:30 AM

[4072.0 - A comparative study of household composition on child mental health outcomes- pre and post pandemic](#)

Clarion Harris, MA, Marian Levy, DrPH, RD, Latrice Pichon, PhD, MPH, CHES, Jeni Loftus, PhD and Wesley James, PhD
University of Memphis, Memphis, TN

Presenter: Clarion Harris
Format: Poster
Session: SA Poster Session 7: Mental Health and Substance Use
Date: Tuesday, October 29, 2024
Time: 10:30 AM - 11:30 AM

[4079.0 - Best practices for data modernization across the United States public health: A scoping review](#)

Zebunnesa Zeba, PhD Student¹, Stella T. Lartey, Ph.D., MPH², Polina Durneva, PhD³, Shongkour Roy, PhD Student³, Nichole Saulsberry-Scarboro, PhD⁴, Michelle Taylor, MD, DrPH, MPA⁵ and Ashish Joshi, PhD³
(1)School of Public Health; University of Memphis, Memphis, TN, (2)The University of Memphis, Memphis, TN, (3)University of Memphis, Memphis, TN, (4)PH-IDEAS, University of Memphis, Memphis, TN, (5)Shelby County Health Department, Memphis, TN

Presenter: Zebunnesa Zeba
Format: Poster
Session: Health Administration Section Poster Presentations Group 5
Date: Tuesday, October 29, 2024
Time: 10:30 AM - 11:30 AM

[4170.0 - Association between weight-adjusted waist index and cardiovascular disease: A systematic review and meta-analysis](#)

Kelly Pimenta, MPH¹, Edmore Madondo, BSc, MPH², Matthew Smeltzer, MStat PhD¹, Debra Bartelli, DrPH³, Ayesha Mukhopadhyay, PhD MBBS MBA MPH¹, Fawaz Mzayek, MD, MPH, PhD¹ and Hongmei Zhang¹
(1)University of Memphis, Memphis, TN, (2)The University of Memphis School of Public Health, Memphis, TN, (3)The University of Memphis, Memphis, TN

Presenter: Kelly Pimenta
Format: Poster
Session: Poster Session: (12) Epidemiology of Body Composition and Chronic Conditions III
Date: Tuesday, October 29, 2024
Time: 12:30 PM - 1:30 PM

[4170.0 - Association between weight-adjusted waist-index and sleep apnea in US adults: Results from 2015-2018 national health and nutrition examination survey.](#)

Edmore Madondo, BSc, MPH¹, Paddington Mundagowa, MPH², Ayesha Mukhopadhyay, PhD MBBS MBA MPH³, Yu Jiang³, Debra Bartelli, DrPH⁴ and Fawaz Mzayek, MD, MPH, PhD³

(1)*The University of Memphis School of Public Health, Memphis, TN*, (2)*University of South Carolina, Columbia, SC*, (3)*University of Memphis, Memphis, TN*, (4)*The University of Memphis, Memphis, TN*

Presenter: Edmore Madondo

Format: Poster

Session: Poster Session: (12) Epidemiology of Body Composition and Chronic Conditions III

Date: Tuesday, October 29, 2024

Time: 12:30 PM - 1:30 PM

[4169.0 - Neighborhood household income influence variation in cecum cancer in the United States: Evidence from SEER cohort data](#)

Shongkour Roy, PhD Student and Xinhua Yu, PhD

University of Memphis, Memphis, TN

Presenter: Shongkour Roy

Format: Poster

Session: Poster Session: Cancer Epidemiology

Date: Tuesday, October 29, 2024

Time: 12:30 PM - 1:30 PM

[4197.0 - Digital health infrastructure challenges to support health equity in the United States: A scoping review](#)

Shongkour Roy, PhD Student¹, Stella Lartey, PhD¹, Polina Durneva, PhD¹, Michael Arthur Ofori, MPhil¹, Zebunnesa Zeba, MPH¹, Niharika Jha, PhD student, MPH¹, Nichole Saulsberry-Scarboro, PhD², Michelle Taylor, MD, DrPH, MPA³ and Ashish Joshi, PhD¹

(1)*University of Memphis, Memphis, TN*, (2)*PH-IDEAS, University of Memphis, Memphis, TN*, (3)*Shelby County Health Department, Memphis, TN*

Presenter: Shongkour Roy

Format: Poster

Session: Genomic Informatics and Enhancements of Precision Health

Date: Tuesday, October 29, 2024

Time: 2:30 PM - 3:30 PM

[4197.0 "visual communication of public health data: A scoping review"](#)

Michael Arthur Ofori, MPhil¹, Stella Lartey, PhD, MA, MPH, MA², Polina Durneva, PhD³, Nidhi Mittal⁴, Shongkour Roy, PhD Student⁴, Nichole Saulsberry-Scarboro, PhD⁵, Michelle Taylor, MD, DrPH, MPA⁶ and Ashish Joshi, PhD³

(1)*The University of Memphis, Memphis, TN*, (2)*Germantown, TN*, (3)*University of Memphis, Memphis, TN*, (4)*Memphis, TN*, (5)*PH-IDEAS, University of Memphis, Memphis, TN*, (6)*Shelby County Health Department, Memphis, TN*

Presenter: Michael Ofori

Format: Poster

Session: Genomic Informatics and Enhancements of Precision Health

Date: Tuesday, October 29, 2024

Time: 2:30 PM – 3:30 PM

[4225.0 - Association between weight-adjusted waist-index and prostate cancer in US males 50 years or older: Results from 2015-2020 national health and nutrition examination survey.](#)

Edmore Madondo, BSc, MPH¹, Kelly Pimenta, MPH², Ayesha Mukhopadhyay, PhD MBBS MBA MPH², Debra Bartelli, DrPH³, Yu Jiang² and Fawaz Mzayek, MD, MPH, PhD²

(1)*The University of Memphis School of Public Health, Memphis, TN*, (2)*University of Memphis, Memphis, TN*, (3)*The University of Memphis, Memphis, TN*

Presenter: Edmore Madondo

Format: Oral

Session: SA Oral Session 6: A Focus on Nutrition and Physical Well-Being

Date: Tuesday, October 29, 2024

Time: 3:00 PM - 3:15 PM

[4322.0 - Disparities in spatial-temporal patterns of stroke mortality in Tennessee from 1969-2020](#)

Shongkour Roy, PhD Student and Xinhua Yu, PhD
University of Memphis, Memphis, TN

Presenter: Shongkour Roy

Format: Oral

Session: Student Paper Awards

Date: Tuesday, October 29, 2024

Time: 5:15 PM - 5:30 PM

Wednesday, October 30, 2024

[5012.0 - Feasibility study of emotional literacy, trauma-informed care, and collective well-being intervention \(ELiT-C Intervention\)](#)

Stella Lartey, PhD, MA, MPH, MA¹, Xianqiang Fu, MSc.², Michael Arthur Ofori, MPhil³, **Niharika Jha, PhD student, MPH³**, Nichole Saulsberry-Scarboro, PhD⁴, Michelle Taylor, MD, DrPH, MPA⁵ and Ashish Joshi, PhD³

(1)The University of Memphis 135 Robison Hall 3825 Desoto Ave. Memphis, TN 38152, Memphis, TN, (2)The University of Memphis, Memphis, TN, (3)University of Memphis, Memphis, TN, (4)PH-IDEAS, University of Memphis, Memphis, TN, (5)Shelby County Health Department, Memphis, TN

Presenter: Niharika Jha

Format: Oral

Session: Interventions and Assessments to Address Community Health and Policy Development

Date: Wednesday, October 30, 2024

Time: 8:45 AM - 9:00 AM

[5085.0 - Climate change knowledge and stress among undergraduate college students](#)

Alex Parkhouse, Ph.D.¹, Sarah Lawson, Ph.D.², Abigail Eydman², Alina Filandro² and K. James Soda, Ph.D.²
(1)University of Memphis, Memphis, TN, (2)Quinnipiac University, Hamden, CT

Presenter: Alex Parkhouse, PhD

Format: Oral

Session: Mental Health

Date: Wednesday, October 30, 2024

Time: 10:30 AM - 10:45 AM