

GWSPH RESEARCH DAY WINNERS

Name	Department	Abstract Title	Poster No.
Undergraduate Research			
Alexandra Mandewo	Public Health	Storytelling As A Catalyst: Teaching Cases Bridging Antiracism Theory And Clinical Practice	65
Riley Lima	Public Health	The COAT Model: Reducing Plastic Waste in Academic Clinical Research Sites	7
Master's Research			
Morgan Crotta	Environmental and Occupational Health	Extreme Weather, Toxic Legacy: A Scoping Review of Climate Change Driven Chemical Exposures in Vulnerable Populations	116
Mario Pita	Public Health	Using the Homeless Management Information System to Examine Screening for Homelessness at an Urban Academic Hospital	191
Doctoral Research			
Nihal Habib	Biostatistics and Bioinformatics	Transcriptomic Signatures and Functional Pathways in HBV and HCV Infections: A Comparative RNA-seq Analysis Using Dual Quantification Strategies	137
Nicholas Foreman	Exercise and Nutrition Sciences	Machine Learning Improves Prediction of Visceral Adipose Tissue Area Using Only Clinical and Anthropometric Variables	146
Staff, Alumni and Postdoctoral Research			
Daniel Huber	Environmental and Occupational Health	Mortality estimates attributed to nitrogen dioxide air pollution in the New York City metropolitan region	188
Sara Luckenbill	Global Health	Exploring disparities and drivers of contraceptive use among Syrian refugee youth: evidence from a mixed-methods study in Jordan	120

CENTERS & INSTITUTES WINNERS

Center for Health and Health Care in Schools

Name	Department	Abstract Title	Poster No.
Master's Research			
Rebecca Fallick	Exercise and Nutrition Sciences	Feasibility and Acceptability of DC-SIPPY: Decreasing Young Children's Sugary Drink Intake through Pediatricians and Social Marketing	79
Jucel Arizabal	Prevention and Community Health	Early Beginnings: A Program Evaluation of the Prince George's County Infants and Toddlers Program for Next Steps in Transition at Age 3	51
Doctoral Research			
Tim O'Neal	Exercise and Nutrition Sciences	Physical Activity, Mentorship, and Mental Health in Adolescents Living in Washington, DC: Teens Run DC	24
Christine St. Pierre	Exercise and Nutrition Sciences	Leveraging participatory research for effective evaluation of an experiential school food education program implemented in diverse elementary schools	43

GW Center of Excellence in Maternal and Child Health

Name	Department	Abstract Title	Poster No.
Joint/Open			
Ranjani Anirudhan	Prevention and Community Health	Exploring the Relationship Between Perceived Discrimination, Gender-based Violence on College Campuses, and Mental Health Outcomes among Female South Asian College Students in the United States	70
Noah White, Sydney Iannantuono, Anneli Merivaara	Prevention and Community Health	Understanding FGM/C Survivors' Experiences: Implications for Physician Assistant Education and Training	153

Equity Institute

Name	Department	Abstract Title	Poster No.
Undergraduate Research			
Sharif Rahimi	Public Health	Measuring Health Equity Knowledge Among MD Students in a Clinical Public Health Track	118
Grace Murphy	Public Health	Advancing Diversity and Inclusion in Cancer Clinical Trials: Barriers, Necessity, and Strategies	75
Master's Research			
Olivia Finizio, Leah Hoey	Exercise and Nutrition Sciences	Rooting for Equity in Washington, D.C.	107
Manuela Iglesias	Public Health	Exploring the Relationship between Child Opportunity Index and Bayley-III Scores in Young Children	33
Doctoral Research			
Fairuz Mohommed	Doctor of Public Health	A Preliminary Analysis of Injury Prevalence Among Children in Foster Care	28
Morgan Speer	Prevention and Community Health	Cannabis Social Equity Initiatives Across Five US States: Case Studies of Colorado, Washington, Massachusetts, Connecticut, and Missouri	97
Staff, Alumni and Postdoctoral Research			
Annie Roberts	Environmental and Occupational Health	The Impact of Breastfeeding on the Development of the Infant Gut and Nasal Microbiomes	164
Julia Mattingly	Health Policy and Management	Assessing the Impact of Affirmative Action and Anti-DEI Policies on Diversity in Health Professions Education	150

Fitzhugh Mullan Institute for Health

Name	Department	Abstract Title	Poster No.
Joint/Open			
Bridget Martin	Environmental and Occupational Health	Occupational Exposure to Antineoplastic Agents and Infertility Risk Among Nurses: A Systematic Review	15
Noah White, Sydney Iannantuono, Anneli Merivaara	Prevention and Community Health	Mapping Educational Competencies: Proposing a Tool to Improve Physician Assistants' Abilities to Help FGM/C Survivors;	153
		Understanding FGM/C Survivors' Experiences: Implications for Physician Assistant Education and Training	154

Interdisciplinary Prize (Climate Change and Maternal and Child Health)

Name	Department	Abstract Title	Poster No.
Joint/Open			
Erin Campbell	Environmental and Occupational Health	A fetus-at-risk approach to associations between oil and gas development and adverse birth outcomes	123
Caitlin Brooks	Environmental and Occupational Health	The Impact of Extreme Heat on Childhood Undernutrition in Low and Low-to- Middle-Income Countries: A Systematic Review	48

Genomics Core

Name	Department	Abstract Title	Poster No.
Joint/Open			
Xinyang Zhang	Biostatistics and Bioinformatics	Meta-analytic microbiome target discovery for immune checkpoint inhibitor response in advanced melanoma	136
Erika Hubbard	Biostatistics and Bioinformatics	Validation of a Machine Learning Algorithm to Classify Molecular Subsets of Systemic Lupus Erythematosus (SLE) with Clinical Implications	72

Computational Biology Institute

Name	Department	Abstract Title	Poster No.
Joint/Open			
Ranojoy Chatterjee	Biostatistics and Bioinformatics	<i>cellSight</i> : Enhanced Single-Cell Analysis Platform and Comprehensive Cell Communication	187
Mahdi Baghbanzadeh	Biostatistics and Bioinformatics	seqLens: optimizing language models for genomic predictions	101

Research and Engagement for Action in Climate and Health (REACH) Center

Name	Department	Abstract Title	Poster No.
Joint/Open			
Greta Martin	Environmental and Occupational Health	A quantitative health impact assessment of urban greenspace and all-cause mortality across 1,041 global cities	26
Karenn Roest	Environmental and Occupational Health	Human Chemical Exposure Through Flood Waters Following Extreme Precipitation Events: A Systematic Review	10

Global Food Institute

Name	Department	Abstract Title	Poster No.
Undergraduate Research			
Maansi Chandra	Public Health	Balancing Baby and Business: A Cross-National Analysis of Workplace Breastfeeding Policies: An Analysis of Policies Regarding the United States, Switzerland, and Morocco	31
Joseph Glover	Environmental and Occupational Health	Exposure to Cleaning Chemicals and Respiratory Health Risks in Meat Processing Workers: A Systematic Review	22
Master's Research			
Caitlin Brooks	Environmental and Occupational Health	The Impact of Extreme Heat on Childhood Undernutrition in Low and Low-to- Middle-Income Countries: A Systematic Review	48
Rebecca Fallick	Exercise and Nutrition Sciences	Feasibility and Acceptability of DC-SIPPY: Decreasing Young Children's Sugary Drink Intake through Pediatricians and Social Marketing	79
Doctoral Research			
Sneha Rout	Global Health	Developing a Process Implementation Plan for FRESH: A Restaurant-Based intervention in Washington, DC and Baltimore	149
Julia Blouin	Exercise and Nutrition Sciences	The FRESH Study: A Longitudinal Analysis of Stress, Sleep, and Exercise among the GW Student Population	186
Staff, Alumni and Postdoctoral Research			
Sydney Pryor	Environmental and Occupational Health	Effects of 'climate friendly' claims on food product perceptions and purchase intentions among U.S. adults	57
Christine St. Pierre	Exercise and Nutrition Sciences	Leveraging participatory research for effective evaluation of an experiential school food education program implemented in diverse elementary schools	43

Global Women's Institute

Name	Department	Abstract Title	Poster No.
Undergraduate Research			
Manasa Sharma	Public Health	Unraveling Menstrual Stigma: A Transnational Dialogue	109
Maansi Chandra	Public Health	Balancing Baby and Business: A Cross-National Analysis of Workplace Breastfeeding Policies: An Analysis of Policies Regarding the United States, Switzerland, and Morocco	31
Master's Research			
Elizabeth M. O'Donnell	Health Policy and Management	The Absence of Standardized Perinatal Bereavement Response in the United States: A Call for National Implementation	132
Amal Hassan	Prevention and Community Health	Gender-Transformative and Intersectional Approaches in Community-Based Climate Adaptation Programs in Low and Middle-Income Countries (LMIC): A Scoping Review of Best Practices	49
Doctoral Research			
Summer Harvey	Epidemiology	Cervical Cancer Screening Guideline Concordance among Sexual Minority Females in the 2019, 2021, and 2023 National Health Interview Survey (NHIS)	100
Heather Wopat	Exercise and Nutrition Sciences	Body composition and chemotherapy dose intensity in invasive breast cancer	124

Office of Inclusive Excellence

Name	Department	Abstract Title	Poster No.
Undergraduate Research			
Lily Amorosino	Exercise and Nutrition Sciences	Associations Between Food Insecurity and Self-Perceived Physical and Mental Health Among Urban College Students at the George Washington University	60
Alys Barton	Health Policy and Management	Mixed-Methods Findings And Implications From HRSA Grantees On Addressing Health Workforce Burnout And Moral Injury	30
Master's Research			
Hannah Safron	Prevention and Community Health	Strengthening Community Reach and Equity through Engaging Neighborhoods (SCREEN) in the National Capital Region	35
Kristen Rodrigues	Prevention and Community Health	Trans-Care: Transgender Male Cervical Cancer Awareness and Reproductive Education Program	96
Doctoral Research			
Su Yadana	Epidemiology	Psychosocial Determinants of HIV Disclosure among People with HIV in Washington, DC	61
Mariana Fagundes Grilo	Exercise and Nutrition Sciences	U.S. parents' perceptions of the safety and healthfulness of non-sugar sweeteners for children	2
Staff, Alumni and Postdoctoral Research			
Annie Roberts	Environmental and Occupational Health	The Impact of Breastfeeding on the Development of the Infant Gut and Nasal Microbiomes	164
Julia Mattingly	Health Policy and Management	Assessing the Impact of Affirmative Action and Anti-DEI Policies on Diversity in Health Professions Education	62

Gill-Lebovic Center for Community Health in the Caribbean and Latin America

Name	Department
Lilli Silverston	Prevention and Community Health
Darby Mihelich	Prevention and Community Health
Lauren Rotholz	Exercise and Nutrition Sciences
Bridget Martin	Environmental and Occupational Health
Anneli Merivaara	Prevention and Community Health
Mary Nusloch	Environmental and Occupational Health
Fatima Waseem	Global Health
Toniah Harrison	Prevention and Community Health
Stephanie Manuli	Global Health
Grace Murphy	Public Health

** FREE annual membership to the American Public Health Association (APHA) and FREE registration for APHA's Annual Meeting in Washington, DC*

DEPARTMENT WINNERS

Biostatistics and Bioinformatics

Name	Department	Abstract Title	Poster No.
Master's Research			
Alex Thiersch and Kristal Taylor	Biostatistics and Bioinformatics	Patient-centric approaches for antipsychotic medication research: an application of the Desirability of Outcome Ranking (DOOR) and Global Benefit-Risk (GBR) Score	196
Aishwarya Bandaru	Biostatistics and Bioinformatics	Addressing missingness in injury history data using multiple imputation	173
Doctoral Research			
Chirang Gohel	Biostatistics and Bioinformatics	Automated Prior Elicitation from Databases for Bayesian Metabolomics Analysis	168
Doctoral/Staff/Postdoc/Alumni Research			
Nicholas Foreman	Exercise and Nutrition Sciences	Machine Learning Improves Prediction of Visceral Adipose Tissue Area Using Only Clinical and Anthropometric Variables	146
Qihang Wu	Biostatistics and Bioinformatics	Refining Data Presentation in Data and Safety Monitoring Boards Reports: An Example from a Clinical Trial Evaluating Antifungal Therapy in Pediatric Uncomplicated Candidemia	11

Environmental and Occupational Health

Name	Department	Abstract Title	Poster No.
Joint/Open			
Annie Roberts	Environmental and Occupational Health	The Impact of Breastfeeding on the Development of the Infant Gut and Nasal Microbiomes	164
Christopher Castelli	Environmental and Occupational Health	Hydraulic Fracturing and Increasing Rural Prevalence of Bacterial STDs: A Systematic Review	110

Epidemiology

Name	Department	Abstract Title	Poster No.
Master's/Doctoral Research			
Su Yadana	Epidemiology	Psychosocial Determinants of HIV Disclosure among People with HIV in Washington, DC	61
Rebecca Fallick	Exercise and Nutrition Sciences	Feasibility and Acceptability of DC-SIPPY: Decreasing Young Children's Sugary Drink Intake through Pediatricians and Social Marketing	79

Exercise and Nutrition Sciences

Name	Department	Abstract Title	Poster No.
Joint/Open			
Mariana Fagundes Grilo	Exercise and Nutrition Sciences	U.S. parents' perceptions of the safety and healthfulness of non-sugar sweeteners for children	2
Bitanya Michael Berhane	Exercise and Nutrition Sciences	DC-SIPS Environmental Messaging	114

Global Health

Name	Department	Abstract Title	Poster No.
Joint/Open			
Molly Lauria	Global Health	Coaching to Improve Quality of Primary Care in Honduras: Insights from A Theory Driven Evaluation	128
Bezawit Kassahun Bekele	Global Health	Efficacy of currently approved malaria vaccines in preventing the incidence and disease severity of malaria: Systematic Review and Meta-analysis	84

Milken Institute School of Public Health

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Office of Research Excellence