

Master of Public Health
MPH CAPSTONE AWARD RECIPIENTS
May 2022

Special honors are given to the 16 students listed below for their capstone written projects.
These students will receive an MPH capstone award plaque for outstanding achievement.

Anurima Baidya

“Clinical and immunological markers of pulmonary impairment in HIV infected Indian adults”

Capstone Advisor: Amita Gupta

Joel Baumgart

Louis Fink MPH Capstone Award for Outstanding Achievement

“Environmental risk factors and Parkinson’s disease: etiology and comparative analysis of regulatory frameworks

Capstone Advisor: Keshia Pollack Porter

Abigail Carlson

MPH Capstone Award of Distinction

“Ensuring the Supply of Personal Protective Equipment for Healthcare”

Capstone Advisor: Anthony So

Alivia Coleman

“A Health in All Policies (HiAP) Approach to Local Land Use Decision-Making Processes”

Capstone Advisor: Keshia Pollack Porter

Ellie DeGarmo

MPH COVID-Related Capstone Award of Distinction

“How have U.S. states used law during the COVID-19 pandemic with respect to people who are undocumented?”

Capstone Advisor: Lanie Rutkow

Fabricio Garcia

“Impacts of the 2017 National Primary Care Policy in public primary health care in Rio de Janeiro, Brazil.”

Capstone Advisor: Mariana Social

Kescha Kazmi

“Missed Opportunities for Vaccine Equity (MOVE): Increasing childhood vaccination through hospital-based catch-up vaccinations and community outreach in India: a pre- and post-intervention analysis”

Capstone Advisor: Anita Shet

Rachel Lamparelli

“PBMs and the U.S. Prescription Drug Market: How States are Leading the Charge for Transparency and Regulation”

Capstone Advisor: Mariana Social

Janice Miller

“The magnitude of undercounting for adults experiencing intimate partner violence and homelessness in Maryland”

Capstone Advisor: Michele Decker

Samantha Mravca

“I Scoping Review: Association between Adventure Playgrounds and Injuries in Children”

Capstone Advisor: Andrea Gielen

Maggie Oliver

“Hearing Loss as a Modifier of the Association between Comorbidities and Mortality Over Time”

Capstone Advisor: Jennifer Deal

Michelle Robinson

“Drug Affordability: Disrupting the market for combination drugs, analyzing price, quality, and access.”

Capstone Advisor: Gerard Anderson

Rohanit Singh

“Factors Associated with Primary Care Services Among Home Dialysis Patients.”

Capstone Advisor: Bernard Jaar

G. Sean Stapleton

Department of Environmental Health and Engineering MPH Capstone Award

“Contamination of retail meat with multidrug-resistant bacteria differs by for-consumer package label claim indicating on-farm antibiotic use practices—United States, 2016-2019”

Capstone Advisor: Meghan Davis

Jennifer Pauliukonis

“Strategies for Vaccine Product Innovation: Creating an Enabling Environment for Product Development-to-Uptake in Low- and Middle-Income Countries”

Capstone Advisor: Shannon Frattaroli

Anjiya Sulaiman

“Training allies: An internal medicine residency training program to improve care for gender diverse patients”

Capstone Advisor: Danielle German

**Master of Public Health Capstone
AWARD RECIPIENTS
May 2021**

Special honors are given to the 14 students listed below for their capstone written projects.
These students will receive an MPH capstone award plaque for outstanding achievement.

Saqer Alkharabsheh

“Direct Oral Anticoagulants vs Vitamin K Antagonists in Management of Patients with Left Ventricular Thrombus”
Capstone Advisor: John Muschelli \ Faculty Advisor: John Muschelli

Melanie Bechard

MPH Capstone COVID-Related Research Award

“Poisoning-Related Pediatric Emergency Department Visits During the COVID-19 Pandemic in the Baltimore City Area”
Capstone Advisor: Andrea Gielen \ Faculty Advisor: Johnathan Ehsani

Jung Byun

Department of Environmental Health and Engineering MPH Capstone Award

“Race, Copy Number Variation, and Local Hog Concentration in Breast Cancer Mortality”
Capstone Advisor: Paul Strickland \ Faculty Advisor: Christine Ladd-Acosta

Omar Dzaye

*“Coronary Artery Calcium is Associated with Increased Risk for Lung and Colorectal Cancer in Men and women:
The Multi-Ethnic Study of Atherosclerosis (MESA)”*
Capstone Advisor: Michael Blaha \ Faculty Advisor: Alison Gemmill

Dana Goplerud

“The Association of Low-income Housing and Outdoor Air Pollution”
Capstone Advisor: Craig Pollack \ Faculty Advisor: Mary Catherine Beach

Tomomitsu Ichikawa

“Factors Associated with Home Deaths in Elderly Patients Receiving Home Medical Care in Japan: A Historic Cohort Study”
Capstone Advisor: Qian-Li Xue \ Faculty Advisor: Mark Bittle

Monique Jindahl

“The Impact of Policing on the Health and Well Being of Black Youth”
Capstone Advisor: Maria Trent, Carlos \ Faculty Advisor: Susan Hannam

Chao Long

MPH Capstone Award of Distinction

“Developing a Multimedia Patient-Reported Outcomes Measure for Low Literacy Patients”
Capstone Advisor: Laura Beres \ Faculty Advisor: Albert Wu

Molly Mantus

*“Impact of Spatial Variation in Access to Community Health Workers on Malaria Outcomes among Children in a
High Transmission Region in Zambia”*
Capstone Advisor: Matthew Ippolito \ Faculty Advisor: Saifuddin Ahmed

Dana McLaughlin

MPH Capstone COVID-Related Research Award

“The Inclusion of Undocumented Immigrants in US State COVID-19 Vaccine Plans”
Capstone Advisor: Paul Robinson \ Faculty Advisor: Courtland Robinson

Tria Rooney

“Direct Provision in Ireland”
Capstone Advisor: Courtland Robinson \ Faculty Advisor: Courtland Robinson

Micaela Root

Department of Environmental Health and Engineering MPH Capstone Award

“Philadelphia’s Restitution of Water Service during COVID-19”
Capstone Advisor: Summer Rosenstock \ Faculty Advisor: Wendy Bennett

Natasha Shah

“Strategies for Vaccine Product Innovation: Creating an Enabling Environment for Product Development-to-Uptake in Low- and Middle-Income Countries”
Capstone Advisor: David Sack \ Faculty Advisor: David Sack

Emily Stirzaker

“Who Pays, Who Benefits? An Analysis of Direct Subsidies and Tax Incentives for Private Health Insurance in Australia and the United States”
Capstone Advisor: Gerard Anderson \ Faculty Advisor: Bryan Patenaude

**Master of Public Health Capstone
AWARD RECIPIENTS
May 2020**

Special honors are given to the 13 students listed below for their capstone written projects. These students will receive an MPH capstone award plaque for outstanding achievement.

Erin Beasley

“Monkey pox Medical Countermeasures in Low-income and High-income Countries”
Capstone Advisor: Noreen Hynes \ Faculty Advisor: Noreen Hynes

Diana Bongiorno

“Emergency Department and Hospital Charges for Pediatric Firearm Injuries in the United States”
Capstone Advisor: Jon Vernick \ Faculty Advisor: Lisa Cooper

Sachalee Campbell

“The Accident and Emergency Department of the Cornwall Regional Hospital’s Training on Health Professionals (Nurses and Doctors) Burnout”
Capstone Advisor: William Brieger \ Faculty Advisor: Renan Castillo

Julia Eckstein

Overall Best MPH Capstone Award - Recipient of \$500 Prize

“Polypharmacy, Cognitive Impairment, and Frailty in the Women’s Health and Aging Study II (WHASII)”
Capstone Advisor: Qian Li Xue \ Faculty Advisor: Stephan Ehrhardt

Daniel Ehrenpreis

“Removing the ‘I’ from “Indian”: An Implementation Guide to Combat Regionalized Racism and Appropriation”
Capstone Advisor: Melissa Walls \ Faculty Advisor: Sara Johnson

Rebecca Florsheim

Department of Environmental Health and Engineering MPH Capstone Award – Recipient of \$300 prize

“Air Pollution and Health: Novel Insights on Black Carbon Toxicity and Air Pollution in the Coronavirus Disease 2019 Pandemic”
Capstone Advisor: Castillo-Salgado, Carlos \ Faculty Advisor: Gilbert Burnham

Masahiro Katahira

“Mentoring nurses to improve quality of delivery care at primary health centers: Evidence from Bihar, India”
Capstone Advisor: Krishna Rao \ Faculty Advisor: George Pariyo

Jiahe Liang

“A Qualitative Analysis of Pharmaceutical Manufacturer Funded Patient Access Services for Newly Launched Drugs”
Capstone Advisor: Mariana Socal \ Faculty Advisor: Mary Fox

Donald (Bailey) Miles

“An analysis of a federal sugar-sweetened beverage excise tax”
Capstone Advisor: Jill Marsteller \ Faculty Advisor: Jill Marsteller

Zoe Mowl

“A comparison of total cost estimates between exclusive breastfeeding and use of breast milk substitutes in humanitarian contexts”
Capstone Advisor: Mija Ververs \ Faculty Advisor: Gilbert Burnham

Yuichiro Otsuka

“Trends in sleep problems among Japanese adolescents from 2004 to 2017”
Capstone Advisor: Adam Spira \ Faculty Advisor: Noel Mueller

Elizabeth Ruebush

“Advancing Evidence-Based Public Health: A Scoping Review of Trainings for Public Health Practitioners”
Capstone Advisor: Carlos Castillo-Salgado \ Faculty Advisor: Carlos Castillo-Salgado

Vincent Salvador

“Efficacy and Safety of Empagliflozin on Prevention of Chemotherapy- induced Heart Failure”
Capstone Advisor: Di Zhao \ Faculty Advisor: Di Zhao

Master of Public Health Capstone
AWARD RECIPIENTS
May 2019

Special honors are given to the 12 students listed below for the best overall capstone written projects.
These students will receive an MPH capstone award plaque for outstanding achievement.

Olivia Dieni

“Fatal Intimate Partner Violence in the United States: Demographic and Temporal Trends 2003-2016”
Capstone Advisor: Michele Decker \ Faculty Advisor: Shannon Frattaroli

Dennis Emuron

Department of Environmental Health and Engineering MPH Capstone Award – Recipient of \$300 prize
“Lack of an Association between Household Air Pollution Exposure and Previous Pulmonary Tuberculosis”
Capstone Advisor: William Checkley \ Faculty Advisor: Nauder Faraday

Sari Frankel

Overall Best MPH Capstone Award - Recipient of \$500 Prize
“Correlates of Witnessing a Fatal Overdose in Baltimore, Boston and Providence: A Secondary Data Analysis”
Capstone Advisor: Ju Nyeong Park \ Faculty Advisor: Mary Fox

Carmen Ramos Irizarry

“A Proposal to Improve and Enhance the Coordination and Provision of Pediatric Trauma Services in Collier County”
Capstone Advisor: Abdul Bachani \ Faculty Advisor: Lawrence Wissow

Hannah Louie

“Beyond Nutrition: A Landscape Analysis of Values-Based Procurement Among Food Service Management Companies”
Capstone Advisor: Robert Martin \ Faculty Advisor: Jillian Fry

Nicholas Luciano

Louis Fink MPH Capstone Award – Recipient of \$500 prize
“Preparedness and Response for a Nipah Virus Outbreak: Medical Countermeasures and Public Health Interventions”
Capstone Advisor: Lauren Sauer \ Faculty Advisor: Gary Ketner

Funmi Obisesan

“Association between E-Cigarette Use and Depressions- Behavioral Risk Factor Surveillance System (2016-2017)”
Capstone Advisor: Michael Blaha \ Faculty Advisor: Michael Blaha

Neha Reddy

“Trichomonas vaginalis in Adolescent and Young Adult Males in STI-Prevalent Communities: Policy Recommendations to Address Disparities and Promote Public Health Control”
Capstone Advisor: Maria Trent \ Faculty Advisor: Leiyu Shi

Olivia Samson

“Spatial Analysis of Malaria Surveillance Data, Zambia 2014”
Capstone Advisor: Timothy Shields \ Faculty Advisor: Timothy Shields

Aishwarya Shukla

“Hearing Loss, Hearing Aid Use and Depressive Symptoms in Older Adults: Findings from the Atherosclerosis Risk in Communities Neurocognitive Study (ARIC-NCS)”
Capstone Advisor: Adele Goman \ Faculty Advisor: Jennifer Deal

Sarah Vick

“Discontinue Vitamin, Herb, and Supplement Sales on Military Bases”
Capstone Advisor: Mariana Socal \ Faculty Advisor: Daniel Barnett

Megan Wall

“Process Evaluation of Share a Pack”
Capstone Advisor: Joanna Cohen \ Faculty Advisor: Vanya Jones