

**Master of Public Health Capstone
AWARD RECIPIENTS
May 2024**

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.

Tess Ayazika

“Applications of CRISPR in the Elimination of Persistent Viruses: Is There Hope for a Cure?”
Capstone Advisor: Gary Ketner

Amanda Brosnan

“Adolescent Sexual Health: Program Evaluation and Quality Improvement in a Health Care System”
Capstone Advisor: Maria Trent

Panqin Cai

Department of Environmental Health and Engineering MPH Capstone Award- Recipient of \$300 Prize
“Microbial Biopesticides: A One Health Perspective on Benefits and Risks”
Capstone Advisor: George Dimopoulos

Ugochinyere Ejiogu

MPH Capstone Award of Distinction- Recipient of \$500 Prize
“A Spatial Analysis of Demographic Disparities in Outpatient Mental Health Service Utilization among Children and Adolescents”
Capstone Advisor: Michael Desjardins

Casey Geddes

“Conveying the Impact of Climate Change on Health via Narrative Storytelling”
Capstone Advisor: Lauren Czaplicki

Marissa George

Center for Health Security MPH Capstone Award- Recipient of \$150 Prize
“A Comparative Case Study of Complete Border Closures in New Zealand and the United Kingdom”
Capstone Advisor: Tara Kirk Sell

Hannah Goodtree

Center for Health Security MPH Capstone Award- Recipient of \$150 Prize
“An Exploration of the Effectiveness of Quarantine and Isolation as Interventions for Pandemics: A Project Break Glass Case Study of Ebola and COVID-19”
Capstone Advisor: Crystal Watson

Tim Groteclaus

“Equity of Maternal and Child Health Services in Afghanistan: A Spatiotemporal Analysis of National Survey Datasets”
Capstone Advisor: Nadia Akseer

Rachel McFadden

“Barriers at the Bedside: Measuring and Reducing Substance Use Disorder Stigma among Hospital-based Nurses”
Capstone Advisor: Alene Kennedy-Hendricks

**Master of Public Health Capstone
AWARD RECIPIENTS
May 2024 (cont'd)**

Victoria Michels

“Neuroplastic Pain: A Communications Strategy Proposal for Chronic Pain Patients”
Capstone Advisor: Rajiv Rimal

Ryan Nicholson

*“Association of Cannabis Versus Other Substance Use Disorders with Psychiatric Conditions:
A Propensity-Matched Retrospective Cohort Analysis”*
Capstone Advisor: Johannes Thrul

Sharmini Rathakrishnan

Center for Injury Prevention and Policy MPH Capstone Award- Recipient of \$300 Prize

*“Navigating Migrant Worker Road Safety in Singapore Using a Safe System
Approach: A Policy Analysis”*
Capstone Advisor: Jon Vernick

Aakriti Suresh

*“Exploring Spatial and Temporal Distribution of
Gun Violence in Baltimore City, Maryland”*
Capstone Advisor: Michael Desjardins

Anthony Yi

*“Prevalence of Chronic Airflow Obstruction and Population Attributable Fraction
from Different Risk Factors in Cartagena, Colombia: a Cross-Sectional Observational
Study”*
Capstone Advisor: Vanessa Garcia Larsen

**Master of Public Health Capstone
AWARD RECIPIENTS
May 2023**

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.

Rachel Bervell

“Investigating the Black Maternal Health Crisis and Proposing Solutions: A Podcast”

Capstone Advisor: Rebecca Fix

Jessica Boklan

“A global landscape and pipeline analysis of childhood cancer medicines to improve access for children in low- and middle-income countries”

Capstone Advisor: Ruth Karron

Joseph Buffaloe

“Care coordination, navigation, and case management to increase hepatitis C treatment among persons who use drugs: rationale, best practices, and implementation considerations for New Mexico, United States”

Capstone Advisor: Karin Tobin

Jessica Crow

“Development and implementation of a health-system policy for evidence-based prevention and management of infiltration and extravasation of irritants and vesicants”

Capstone Advisor: Kenneth Shermock

Courtney de Balmann

Center for Health Security MPH Capstone Award- Recipient of \$300 Prize

“Disrupting infectious disease spread among animals and zoonotic spillover through self-spreading vaccines. Do the potential benefits outweigh the potential risks of misuse and other unintended consequences?”

Capstone Advisor: Douglas Norris

Hannah Gray

“Spread The Word: Developing a Sexual Health Peer Education Program within a Faith-Based University”

Capstone Advisor: Maria Trent

Kelly Hubbard

“Coalition-based SMART Advocacy for the Inclusion of Pregnant and Lactating People in Clinical Research”

Capstone Advisor: Beth Fredrick

Alyssa Kretz

“Syphilis Incidence Following an STI Diagnosis Among Cisgender Women in Baltimore, MD, from 2009-2021”

Capstone Advisor: Jacky Jennings and Anna Powell

Premikha M

“Examining the Role of Resilience in Adolescent Suicide: A Gender-Based Perspective in Singapore”

Capstone Advisor: Shoshanna Fine

Joyce Ma

“A Process Evaluation Plan to Assess Implementation of the Los Angeles Universal Basic Mobility Pilot Program’s Electric Mobility Element”

Capstone Advisor: Keshia Pollack Porter

**Master of Public Health Capstone
AWARD RECIPIENTS
May 2023 (cont'd)**

Kristin Pareja

“Organizational Characteristics of Community First! Village, a Permanent Supportive Housing Community in Austin, Texas, and Secondary Data Analysis of Demographic and Social Characteristics of Formerly Chronically Homeless Adults”

Capstone Advisor: Amy Knowlton

Ayu Putri Sarena

“Evaluating the Effect of Medicaid Expansion on Time to First Treatment Disparities in Breast Cancer Patients”

Capstone Advisors: Lisa Jacobs and Olutayo Sogunro

Shalini Singh

“Project Sunset: A Global Tobacco Endgame Assessment”

Capstone Advisor: Joanna Cohen

Caila Wagar

Department of Environmental Health and Engineering MPH Capstone Award- Recipient of \$300 Prize

“The Public Health Implications of West Virginia v. EPA”

Capstone Advisor: Paul Locke

Meng-Ju Wu

“Evaluation of dementia care program with focus on community network in Taiwan”

Capstone Advisor: Leiyu Shi

Arisa Yamaguchi

MPH Capstone Award of Distinction- Recipient of \$500 Prize

“Listening to children matters: The association between the children’s sense of being heard and the quality of life”

Capstone Advisor: Christina Bethell

**Master of Public Health 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 B. 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: Lainie 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

“PBM 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

“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

“Maryland Extreme Risk Protective Order Policy and Implementation Recommendations”

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

**Master of Public Health Capstone
AWARD RECIPIENTS
May 2018**

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.

Hana Bao

“Extreme Air Pollution in Ulaanbataar, Mongolia: Review of the Problem and Potential Solutions”

Capstone Advisor: Paul Gaist \ Faculty Advisor: Paul Gaist

Hsing-Yuan Chang

“Maternal Drug Use Before and During Pregnancy and Neonatal Abstinence Syndrome (NAS) In Boston Birth Cohort”

Capstone Advisor: Xiaobin Wang \ Faculty Advisor: Mary Cwik

William Coe

Louis Fink MPH Capstone Award – Recipient of \$500 prize

“Prenatal Near Roadway Air Pollution Exposure and Early Neurodevelopment in Young Mexican-American Children”

Capstone Advisor: Heather Volk \ Faculty Advisor: Mary Catherine Beach

Sumona Datta

“Tuberculosis and Wellbeing: A Quantitative Assessment in Peruvian Shantytowns”

Capstone Advisor: Robert Gilman \ Faculty Advisor: Robert Gilman

Pamela Gutman

“Smokeless Tobacco Use and Perceived Cancer Risks Among American Indians in the Cherokee Nation”

Capstone Advisor: Joanna Cohen \ Faculty Advisor: Allison Barlow

Lauren Havens

“Proposal to Evaluate the Impact of Boys Run I toowú klatseen”

Capstone Advisor: Anne Riley \ Faculty Advisor: Anne Riley

Albert Liu

“Baseline Frailty Predicts Accelerated Age-related Cognitive Declines Across Domains in Healthy & MCI Older Adults”

Capstone Advisor: Qian-Li Xue \ Faculty Advisor: Qian-Li Xue

Anne McKenna

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

“Screening for Common Perinatal Mental Disorder in South Africa: Policy Briefing and Advocacy Outcomes”

Capstone Advisor: Judith Bass \ Faculty Advisor: Anbrasi Edward

Yoshihiko Raita

“A Femoral versus Jugular Venous Catheter Placement and Risk of Catheter-related Infection and the Effect Modification by BMI on the Association between Catheter Site and Infectious Events”

Capstone Advisor: Aaron Milstone \ Faculty Advisor: Aaron Milstone

Joseph Reardon

“Emergency Medicine Physician Residency Modernization: Implementation and Public Health Assessment”

Capstone Advisor: William Brieger \ Faculty Advisor: Robert Black

Lei Wang

*“Exercise Interventions on Fatigue for Women with Breast Cancer during Active Treatment:
A Systematic Review and Meta-analysis”*

Capstone Advisor: Roberta Scherer \ Faculty Advisor: Corinne Joshu

Jessica Whitley

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

*“Consideration of Spatial Accessibility and Fast Food/Carry-Out Distribution in Assessing
the Neighborhood Food Environment”*

Capstone Advisor: Joel Gittelsohn \ Faculty Advisor: Lisa Cooper

**Master of Public Health Capstone
AWARD RECIPIENTS
May 2017**

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.

Emily Beaudoin

“Quality of life and depression among high-risk or diabetic American Indian (AI) youth enrolled in the Together on Diabetes Study”

Capstone Advisor: Summer Rosenstock \ Faculty Advisor: Allison Barlow

Aimee Bruederle

“Does Social Support Have an Effect on Adolescent Sexual Risk-taking Behavior?”

Capstone Advisor: Heena Brahmhatt \ Faculty Advisor: Heena Brahmhatt

Timothee Fruhauf

“Measuring family planning quality and its link with contraceptive use in Burkina Faso, Ethiopia, Kenya, and Uganda”

Capstone Advisor: Amy Tsui \ Faculty Advisor: Amy Tsui

James Heyward

“Institutional factors moderating compliance with clinical trials registration and reporting requirements in the US”

Capstone Advisor: Evan Mayo-Wilson \ Faculty Advisor: Roberta Scherer

Jiun-Ruey Hu

“Associations between the serum metabolome and all-cause mortality in chronic kidney disease”

Capstone Advisor: Josef Coresh & Morgan Grams \ Faculty Advisor: Josef Coresh

Srishti Jayakumar

Louis Fink MPH Capstone Award – Recipient of \$500 prize

“Vitamin B12 deficiency in Pregnancy: Implications for Public Health Practice”

Capstone Advisor: David Paige \ Faculty Advisor: David Paige

Angela La Macchia

“Uprising: An Analysis of Jamaica's Disaster Management Policy”

Capstone Advisor: Shannon Doocy \ Faculty Advisor: Ligia Paina

Puja Sangoi

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

“Analysis of testimony for Philadelphia beverage tax”

Capstone Advisor: Sara Bleich \ Faculty Advisor: Shannon Frattaroli

Angela Schroeder

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

“Coordination and Collaboration for Healthy Food Systems in Wisconsin: Interviews Among Key Informants”

Capstone Advisor: Anne Palmer \ Faculty Advisor: Anne Palmer

Kanal Singh

“Association of history of injection drug use with external-cause related mortality among persons linked to HIV care in an urban clinic, 2001-2015”

Capstone Advisor: Catherine Lesko \ Faculty Advisor: William Moss

Weijia Wang

“Resting Heart Rate and Incident Atrial Fibrillation Over a 20-year Follow-Up in The ARIC Study (Atherosclerosis Risk in Communities)”

Capstone Advisor: Moyses Szklo \ Faculty Advisor: Moyses Szklo

Colby Wilkason

“The Use of Spatial Analysis for Disease Control: A Case Study of Malaria Transmission in Macha, Zambia”

Capstone Advisor: Timothy Shields \ Faculty Advisor: Timothy Shields

**Master of Public Health Capstone
AWARD RECIPIENTS
May 2016**

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.

Kasey Bellegarde

“An Assessment of a Gender-based Violence Screening Program for Refugee Women in Baltimore City”
Capstone Advisor: Michele Decker \ Faculty Advisor: Michele Decker

Kathryn Dalton

Department of Environmental Health Sciences MPH Capstone Award – Recipient of \$300 prize
“Biosecurity Challenges in the Poultry Industry against Highly Pathogenic Avian Influenza”
Capstone Advisor: Ellen Silbergeld \ Faculty Advisor: Meghan Davis

Teresa DeAtley

“Assessing compliance with Uruguay’s single pack presentation law”
Capstone Advisor: Joanna Cohen \ Faculty Advisor: Ryan Kennedy

Ramzi Dudum

“Dose-Dependent Effects of Lifestyle Interventions on Blood Lipid Levels: Results from the PREMIER Trial”
Capstone Advisor: Lawrence Appel \ Faculty Advisor: Lawrence Appel

Zoya Fansler

“Impacts of hydrocodone combination product rescheduling on opioid and analgesic prescribing in the United States”
Capstone Advisor: G. Caleb Alexander \ Faculty Advisor: Gary Ketner

Zhilei Guo

“Implication of mHealth Development and Application to the China Health Reform”
Capstone Advisor: Alain Labrique \ Faculty Advisor: Douglas Hough

Melinda Krakow

Who Gets a Provider Recommendation? Reducing Missed Opportunities to Promote the HPV Vaccine to Male and Female Teens in the U.S.
Capstone Advisor: Anne Rositch \ Faculty Advisor: Amber Dsouza

Benjamin Lazarus

“Proton Pump Inhibitor Use and the Risk of Chronic Kidney Disease”
Capstone Advisor: Morgan Grams \ Faculty Advisor: Morgan Grams

Hojoon Lee

“Application of Early Aberration Reporting System (Ears) To Seasonal Influenza Weekly Report in Mexico (2007-2014)”
Capstone Advisor: Carlos Castillo-Salgado \ Faculty Advisor: Kenrad Nelson

Dane Moran

Overall Best MPH Capstone Award - Recipient of \$500 Prize
“Impact of Improving Vehicle Design on the Burden of Pedestrian Injuries in Germany, USA, and India”
Capstone Advisor: Kavi Bhalla \ Faculty Advisor: Keshia Pollack

Caroline Picher

“Analysis of Access to Medication Assisted Treatment for Opioid Use Disorder in Populations involved in the Criminal Justice System”
Capstone Advisor: Brendan Saloner \ Faculty Advisor: Dan Salmon

**Master of Public Health Capstone
AWARD RECIPIENTS
May 2015**

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.

Elizabeth Bast

Department of Environmental Health Sciences MPH Capstone Award - Recipient of \$300 prize
“Analyzing the Health Co-Benefits of High-Penetration Renewable Energy Deployment in the United States”
Capstone Advisor: John Balbus \ Faculty Advisor: Cindy Parker

Sarah Ceponis

“Inclusionary Advocacy: Changing Policy and Perspectives through Maryland’s Second Chance Act”
Capstone Advisor: Carol Underwood \ Faculty Advisor: Philip Leaf

Jerome Chelliah

“Evaluation of Six Hospital-based Domestic Violence Programs and their Collective Efforts as the Maryland Health Care Coalition against Domestic Violence”
Capstone Advisor: Andrea Gielen \ Faculty Advisor: Danielle German

Susan Emmett

“Hearing Loss Is Associated With Decreased Nonverbal Intelligence in Rural Nepal”
Capstone Advisor: Keith West \ Faculty Advisor: Alfred Sommer

Jeffrey Hardesty

“Barriers to Non-small Cell Lung Cancer Trial Eligibility”
Capstone Advisor \ Faculty Advisor: Norma Kanarek

Junichi Ishigami

“Chronic Kidney Disease and Risk for Gastrointestinal Bleeding in the Community: The Atherosclerosis Risk in Communities (ARIC) Study”
Capstone Advisor \ Faculty Advisor: Kunihiro Matsushita

Hannah Jones

“Learning from the Past: Using Public Health Successes and Failures to Guide Future Policy”
Capstone Advisor: Sara Bleich \ Faculty Advisor: Keshia Pollack

Nicky Mehtani

“Injecting Drug Use Associated with Increasing Relative Rate of AIDS-Associated Mortality Despite Improvements in Antiretroviral Treatment”
Capstone Advisor: Richard Moore \ Faculty Advisor: Elizabeth Selvin

Nirmal Nair

“Early Detection of Communicable Diseases through Integration of Web Query and Social Media Data with Traditional Surveillance Tools - A Literature Review”
Capstone Advisor: Carlos Castillo-Salgado \ Faculty Advisor: Dagna Constenla

Molly Sauer

“Assessing the impacts of climate change on dengue fever: a systematic review”
Capstone Advisor: Meghan Davis \ Faculty Advisor: Clive Shiff

Jeremy Tanner

Louis Fink MPH Capstone Award - Recipient of \$500 prize
“Longitudinal Study of Entorhinal Cortex Thickness as a Biomarker of Preclinical Alzheimer's Disease”
Capstone Advisor: Marilyn Albert \ Faculty Advisor: George Rebok

Hoa (Holly) Vo

“Perinatal Behaviors of Women Using Fertility Treatments”
Capstone Advisors: Tina Cheng, Kamila Mistry \ Faculty Advisor: William Moss