



MHS and ScM Student Presentations

May 5

8:30 AM	Weondong Hwang	Exploring the links between climate change, personal vehicles, and health: how are personal vehicles impacting climate change and our health and what can we do about it?
8:45 AM	Kevin Chang	A review of the impacts of the built environment in the United States on health and access to health services among the elderly population
9:00 AM	Kaitlyn Yale	The Impact of Hurricanes on Marginalized and Disadvantaged Communities
9:15 AM	Darah Bagby-Prosser	Gentrification and Community: The Effects of Gentrification on Mental Health in Communities of Color
9:30 AM	Seo Yeon Kim	Face Mask Disposal during COVID-19: Effects on the Environment and Health
9:45 AM	Johnross Ford	Analysis of whether Rural-Urban Commuting Area Codes (RUCA Codes) and levels of urbanization impact COVID-19 cases in the State of Maryland
10:00 AM	Pavan Patel	Evidence that Climate Change and Anthropogenic Influences are Increasing the Frequency and Severity of Wildfires: A Narrative Systematic Review
10:30 AM	Kennedy Countess	The Impacts of Extreme Heat and Extreme Cold on People Experiencing Homelessness: Recommendations for Weather Preparedness
10:45 AM	Ian Choi	A review of pulmonary toxicities by metals in E-cigarette
11:00 AM	Alyssa Wooden	A review of best practices and strategies for integrated pest management in schools and childcare facilities
11:15 AM	Yvonne Sene	Risk assessment tools to improve water quality
11:30 AM	Yashan Wang	The Alcohol-Attributable Health Burden and Potential Benefits of Alcohol Tax Increases in Maryland

May 6

8:30 AM	Yuqi Fu	The use of artificial intelligence and big data in the safety evaluation of food additives
8:45 AM	Matthew Kang	The Costs of Smoking in Maryland
9:00 AM	Ji Nam	Drinking Water Quality and its Effects on Youth Mortality in Ethiopia
9:15 AM	Kayla Jones	Impacts of COVID-19 on Food Security in Low- Income and Minority Populations
9:45 AM	Nandita Singhal	Arsenic Exposure Induced Changes in microRNA Expression Levels in Urothelial Cells

10:00 AM	Jiana Blaha	A Review of Climate Change-Related Harmful Algal Blooms: The Health Impacts on Humans and Animals
10:15 AM	Isabelle Wang	Applications of Stormwater Calculator to Inform Management Decisions
10:30 AM	Ty Andrews	Bringing the Past to the Present: Indigenous food system revival
10:45 AM	Kulsoom Durrani	Microenvironment Influences Tumor Responses to Therapeutics
11:00 AM	Yiguang Zhu	Lung Cancer Risk Reduction Associated with RRNC: A Study of Manheim Township, PA
11:15 AM	Paul Steel	Examining the Adverse Health Effects of Crumb Rubber in Synthetic Turf Fields
11:30 AM	Haris Malik	A Review of Lead Contaminated Game Meat and its Regulation in the United States
11:45 AM	Justin Coleman	Ecotoxicology: A qualitative analysis of freshwater ecological risk assessment

May 7

8:30 AM	Tiffany Onyejiaka	Is Food Hurting Black Women's Fertility? A review examining the link between prevalence of endocrine disrupting chemicals in food and female-factor infertility in the Black community.
8:45 AM	Anthony Nicome	The Safe Drinking Water Act: Where Cracks Remain; Suggestions for Repair
9:00 AM	Breanne Kincaid	Polyhalogenated Organophosphate Flame Retardants and Developmental Neurotoxicity: A 21st Century Perspective
9:15 AM	Meera Sooda	The Geography of Healthy Living: How Housing Discrimination Policies and Practices Have Shaped Baltimore's Environmental Landscape
9:30 AM	Christian Jenkins	Exploring relationships between indoor Black Carbon (BC) sources, and comparing Secondhand Smoke contributions, with indoor BC and PM2.5 concentrations in Baltimore City Homes
9:45 AM	Michael Fitch	A Study into the Effects of Cadmium Exposure on the Cardiovascular System
10:00 AM	Lexi Souder	The COVID-19 pandemic and the reliance on plastics, the transition away from sustainability
10:15 AM	Withney Altema	Phthalate Exposure and Children Neurodevelopment: A review of evidence on cognitive and behavioral effects
10:30 AM	Wengiel Gugssa	Environmental Health Hazards in 'Louisiana's Cancer Alley', and the need for a State Environmental Justice Screening Tool
11:00 AM	Ian Kang	A Review of COVID-19, Its Effects on the Brain and the Blood Brain Barrier, and Connections with the Environment
11:15 AM	Shudi Pan	Associations of Gestational Environmental Phenols Exposure with Bone Mineral Density among 12-year-old Children in the HOME Study
11:30 AM	Sharon Chow	Seafood donation to food pantries as a means of nutrition supplementation and waste reduction
11:45 AM	Casey Tokeshi	Leftovers of an on-going war: exploring the socio-ecological health impacts of US militarism and imperialism in Korea