

Prepared by the Texas A&M University School of Public Health Office of Research

The Office of Research is committed to providing efficient and effective administration and support for the research activities of the faculty and staff of the Texas A&M University School of Public Health.

public-health.tamu.edu

Message from our Associate Dean for Research Dean

Welcome

The year 2020 provided an abundance of unexpected challenges and opportunities for public health research. Here at the Texas A&M School of Public Health (SPH), our researchers were continuously engaged in a variety of new and ongoing initiatives that leveraged our cross-disciplinary research expertise and public health acumen to generate new knowledge and support the public health response to COVID-19 at local, national, and global levels. While many of us immediately think about epidemiology, particularly how to limit disease spread, as a critical role of public health in pandemic response, our SPH researchers were also creatively engaged in assuring resilience of communities and were applying their research to design safer spaces for campus and community events, conducting ergonomic assessments to support remote office worker safety, and strategic planning for healthcare leaders who were facing unprecedented demands for healthcare resources.

Among the highlights for SPH during 2020:

- SPH welcomed a new permanent Dean, Dr. Shawn G. Gibbs. Dean Gibbs arrived just as most Texas A&M's campus operations were moving to remote locations; his research expertise in industrial hygiene and interrupting highly infectious diseases was particularly fortuitous as SPH was quickly asked to lead many of the campus and community response efforts!
- 65 new external grants and contracts were awarded to SPH researchers, totaling \$7,421,288.
- Despite the pandemic, our researchers continued to present their research in scholarly forums, including 54 poster and 79 conference presentations
- SPH faculty and student research awards were presented to recognize exceptional research contributions, with our 15th annual Jean Brender Student Poster Contest and Symposium quickly moved to an on-line format to accommodate COVID-19 protocols

SPH Research Statistics	Calendar Year		
	2019		2020
Total Research Expenditures	\$ 6,767,963	\$	7,847,891
Total Grants and Contracts	119		114
Federal	72		70
State	18		16
Internal (TAMU/SPH)	8		8
Foundations/Private	10		9
Contracts	11		11
Peer-Reviewed Publications	201		201
Presentations	154		54
Posters	106		79
SPH Faculty*	48	Ī	49





Texas A&M University School of Public Health COVID-19 Response

Translating Public Health Research into Practice

- Drs. Angela Clendenin and Rebecca Fischer led the COVID-19 operations center, which provided contact tracing, outbreak monitoring, and operationalized testing resources to support continuity of University operations. Many SPH students were able to gain practical experience through their work in the operations center
- Drs. Hongwei Zhao, Murray Cote, Tiffany Radcliff, Rebecca Fischer, and Marcia Ory formed a "Public Health Modeling Group" that included researchers from multiple components of Texas A&M and the Texas A&M System. They used publicly-reported data to track and predict COVID-19 cases and hospitalizations in local areas. Their work culminated in an automated dashboard that remains active even as vaccinations increase and hospitalizations and fatalities decline.
- Drs. Mark Benden, Angela Clendenin, Shawn Gibbs, Rebecca Fischer and Tiffany Radcliff worked with campus leaders to adjust seating, cleaning, air exchange, quarantine and other protocols to facilitate safety on campus
- SPH faculty (too many to list here!) provided quick turnaround interviews and commentaries based on their expertise that were disseminated in <u>The</u> <u>Conversation</u> and other popular media outlets

COVID-19 Conversations

SPH launched the "<u>COVID Conversations</u>" series, which highlighted the role of public health tools in understanding and responding to the pandemic.



Table of Contents

Associate Dean for Research Welcome Message	
COVID-19 Response	3
SPH Welcomes Shawn G. Gibbs as New Dean in 2020	6
New Research in 2020	7
School of Public Health Research Centers and Programs	13
Texas Monthly 2021 Best Things in Texas, Dr. Rebecca Fischer	23
2020 Faculty Research Excellence Awardees	24
2020 Student Research Excellence Awardees	25
Research Publications	31
Research Presentations	39
Poster Presentations	42
Active Research Faculty	46
Texas A&M University SPH Research Sponsors	53

SPH Welcomes Shawn G. Gibbs as new Dean in 2020

The Texas A&M University School of Public Health certainly had an eventful 2020. TAMU SPH helped lead the COVID-19 response for Texas A&M and were valued partners to the Texas A&M System and many surrounding communities. Upon his arrival in May 2020, Dean Shawn Gibbs was appointed by the Provost at TAMU to lead numerous TAMU response efforts including a wastewater sampling program at Texas A&M to monitor and predict COVID-19 hotspots on campus and serving on a committee for the SEC's COVID-19 response for athletic events, and then was appointed TAMU COVID-19 response lead when Provost Fierke departed. "The SPH has risen to the occasion in the past year, I can't speak highly enough of the COVID-19 response efforts from our students, faculty and staff," Gibbs said. "About a third of our faculty at the School of Public Health pivoted to COVID-19 response efforts to help our university, our community and our state navigate the pandemic. Tons of our students, staff, and faculty volunteered to run vaccination and testing events. I was there with them, collecting saliva, wiping down tables and directing traffic. They all worked incredibly hard." Our Faculty, Staff, and Students worked diligently to protect others within our communities and the nation throughout the pandemic, and through it all we continued to push forward our Scholarship. During 2020, for TAMU SPH has also had many non-COVID-19 related successes. SPH completed our strategic planning process, moved forward on many new research initiatives extending beyond pandemic response, including new investments to strengthen research support structures, graduate student support, and incentives for the School. Faculty within SPH had great success this past year in a variety of initiatives, including nutritional interventions in South Texas, engaging Spanish speaking communities in their community mental health, preparing for natural disasters, and investigation of Medicaid waivers. The SPH fiscal situation has also greatly improved providing us funds to invest in our people, new people, and new initiatives.





Grow It Yourself: The Effect of Hydroponic Vegetable Gardening on Improving Quality of Life in Cancer Patients and Their Caregivers Lasting Change:
Researchers Study Long
Term Effectiveness of
School-Based
Intervention to Reduce
Mental Illness Stigma

Can indoor hydroponic vegetable gardening improve the quality of life in cancer patients and their caregivers? Taehyun Roh, PhD received the Center for Health and Nature Innovation Award to examine, for the first time, the feasibility of the hydroponic vegetable gardening as an intervention strategy in cancer patients. Twenty-five patients and their caregivers from the outpatient infusion center at the Houston Methodist Cancer Center will be provided hydroponic vegetable gardening systems to grow lettuce and grape tomatoes for 12 weeks. During the 12 weeks the level of depression, health-related quality of life, pain management and vegetable consumption will be assessed through questionnaires.

Read more:

Attitudes toward mental illness and stigmatizing behavior typically develop at a young age and efforts to fight stigma in schools by improving knowledge, attitudes and behaviors about mental illness are vital. Melissa J. DuPont-Reyes, PhD, MPH, and colleagues are analyzing long-term changes in mental illness knowledge. attitudes, and behaviors over a two-year period after delivering an anti-stigma intervention to students in the sixth grade. The researchers tested three approaches to increasing knowledge and positive attitudes about mental illness and treatment options. Reves and her colleagues found that the curriculum intervention was associated with a significant knowledge and positive attitudes toward people with mental illness, a notable decrease in exclusion behaviors and an increased likelihood of seeking treatment for mental health issues if needed.

Read more:

https://vitalrecord.tamhsc.edu/lastingchange-researchers-study-long-termeffectiveness-of-school-based-interventionto-reduce-mental-illness-stigma/



Applying the positive deviance approach to promote lifetime mental disorder and the utilization of specialty mental health services among older traumatized Asian immigrants in the United States

The positive deviance approach, first developed in 1976, is defined as a process of social and behavioral change that highlights uncommon social practices. This approach is based on the premise that some individuals and communities can overcome constraints and attain better health outcomes than their peers who are living in similar, low-resource environments. Researchers led by Ping Ma, PhD, are applying the positive deviance approach to explore resilience-promoting factors and uncommon adaptive strategies and behaviors among older Asian Americans who have experienced trauma.

Be the Hero

Sé el Héroe (Be the Hero) aims to reduce the infection and transmission of SARS-CoV-2 among community health workers, farmworkers, food service providers, and their families in limited resource communities. The project, led by Joseph Sharkey, PhD, MPH, will develop, implement, and evaluate curricula in response to unique resources, cultural traditions, family practices, and other factors.





Evaluation of the 1115 Medicaid Waiver Demonstration Renewal in Texas

A team of Texas A&M investigators led by Hye-Chung Kum (PI) is evaluating the 1115 Medicaid Waiver in Texas after receiving an over \$5 million, 5-year contract. The aim of Texas' 1115 Medicaid Waiver has been to improve efficiency and control costs while maintaining access to quality care for low-income Texans. The 1115 Medicaid Waiver allowed Texas to continue expanding its Medicaid Managed Care (MMC) program and to implement Uncompensated Care (UC) pools and a Delivery System Reform Incentive Payment (DSRIP) program designed to promote health care system innovations with a focus on value-based care.

The evaluation team includes a number of professors from the Texas A&M School of Public Health, including David Washburn, Ben Ukert, Bob Ohsfeldt, and Qi Zheng; graduate students Nikita Wagle, Laura Benavides, Sophia Anyatonwu, Geng Zhang and program coordinator Abby Spiegelman. Additional collaborators include Eva Shipp and Amber Trueblood at the Texas Transportation Institute, Todd Leroux and Chad Smith at Stonewall Analytics, and Michael Morrisey.

The Centers for Medicare & Medicaid Services (CMS) mandates that Medicaid 1115 Waivers granted to states are reviewed by external evaluators, and the Texas A&M-led team is proud to serve in this role. The research team is conducting several studies within this project, making use of a variety of methodologies including surveys, claims data analysis, and additional analyses of administrative and health related data provided by the state of Texas. The interim report of the evaluation will be submitted to CMS in the fall of 2021, with the final report due in 2024.



Problem Solving Training (PST) for English- and Spanish-speaking Care Partners of adults with Alzheimer's and Alzheimer's-related dementia

Mitigating the Impacts of Excessive Industrial Pollutants Following Natural Disasters

Caregivers of individuals with Alzheimer's disease and related dementia rarely get the preparation or training they need to manage their caregiving responsibilities and to successfully balance their own self-care and their caregiving roles. As a result, caregivers often experience caregiver burden, emotional distress, and substance abuse. Dr. Matthew Lee Smith is part of a team studying problem solving training (PST) to support the emotional and social functioning of caregivers to improve their health and well-being and to prevent caregiver burden and poor coping. PST is an evidence-based approach that teaches and empowers individuals to solve emergent problems contributing to their depressive symptoms, helps improve coping skills and increases self-efficacy.

Garett Sansom, DrPh, and a team of researchers are using a U.S. **Environmental Protection Agency** (EPA) grant to study the changing environmental conditions impacting pollutants released from chemical facilities following a natural disaster such as a hurricane or flood. Typically, the pollutants released increase, and many vulnerable communities, such as the Galena Park community located north of the Houston Ship Channel, see the impacts on public health intensify. The researchers will use a combination of tools to accomplish their long-term goal to improve the resilience of the community to hurricane/floodinduced releases of metals and volatile organic compounds. Read more:

https://vitalrecord.tamhsc.edu/ mitigating-the-impacts-ofexcessive-industrial-pollutantsfollowing-natural-disasters/





"Checking the Pulse" On Diabetes Disparities

Addressing COVID-19: Disaster Planning

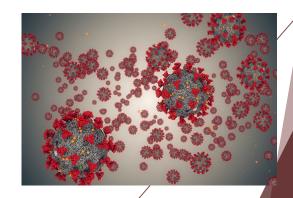
An alarming 10 percent of the United States population has diabetes. While many are able to manage their symptoms and avoid hospital care, certain individual and place-based factors can affect diabetes management, which may lead to costly emergency department visits and hospitalizations. The extent to which emergency departments and hospitals across the nation are used for diabetes-related treatment is not fully known. Alva O. Ferdinand, DrPh, JD, and her colleagues investigated which individuals and place-based factors most significantly affect the likelihood of seeking emergency care and subsequently being hospitalized for a diabetes-related issue.

Read more:

https://vitalrecord.tamhsc.edu/checking-the-pulse-on-diabetes-disparities/

Barbara Quiram, PhD, is developing a survey and coordinating and facilitating a working group to address disaster planning related to COVID-19. The Texas Department of State Health Services (DSHS) enlisted Quiram, who is an expert in her field and is well known for her ability to oversee and coordinate emergency technical assistance and disaster mitigation. Quiram will assist DSHS in identifying community defined solutions to address community identified concerns related to planning for and responding to the Coronavirus. Quiram's expertise will be used to quickly tackle, and address disaster planning and mitigation related to the public health threat.







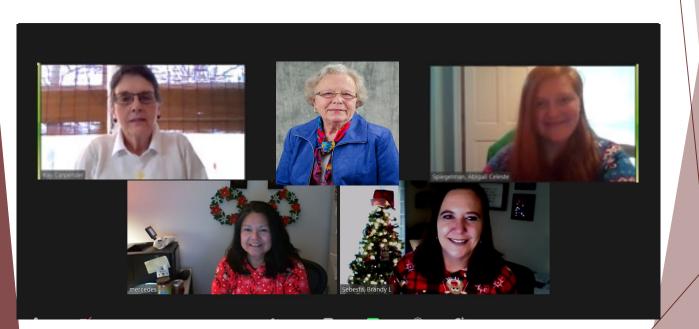
Center for Community Health Development

The Center for Community Health Development (CCHD) was formed to establish a research, education, and experience base for improving population health status in a cost-effective manner. The center also provides invaluable research, education, and training experience for master's and doctoral students of the Texas A&M University School of Public Health, the Texas A&M University Health Science Center, and The Texas A&M University System.



USA Center for Rural Public Health Preparedness

The USA Center for Rural Public Health Preparedness is designed to ensure public health professionals are able to respond to threats to the nation's public health. The USA Center at the Texas A&M University School of Public Health is the only center with a specific rural focus and is charged with supporting and developing the skills and competencies of emergency responders in rural areas of the United States.



Southwest Rural Health Research Center

The Southwest Rural Health Research Center (SRHRC), established in 2000, is one of only nine federally-funded research centers by the Health Resources and Services Administration's Federal Office of Rural Health Policy. The center focuses on conducting policy-relevant research on meeting the needs of special rural populations, minority populations and health disparities (including border populations), and rural systems building.



Center for Health Organization Transformation

The Center for Health Organization Transformation. (CHOT) is an industry-university cooperative research center funded by the National Science Foundation and health organizations to conduct research supporting major management, clinical, and information technology innovations in healthcare. The Texas A&M University School of Public Health faculty and graduate students, team with health system professionals to pursue various research projects.



Ergonomics Center

The mission of the Texas A&M Ergonomics Center is to help industry and healthcare partners increase their competitiveness by improving worker performance, reducing workplace injuries and illnesses, and designing unique products and applications to combat the negative impacts of aging and obesity.



Center for Population Health and Aging

The Center for Population Health and Aging (CPHA) promotes population health and successful aging through innovations in research, education, and practice that examines social, behavioral, economic, environmental, and technological solutions linking academic and real-world clinical and community settings. Research focuses on evidence-based programs, health communities, and interactions between health, aging, and technology.

2019 Recipients of the Redefining American Healthcare Award by the Healthcare Leadership Council



Texas A&M School of Public Health Programs

Asthma Research and Education

The Program on Asthma Research and Education (PARE) facilities environmental research and education focused on asthma, addressing underserved and minority populations.

Director: Genny Carrillo, MD, ScD



Environment and Sustainability

The Program on Environment and Sustainability (PES) goals are to develop and lead a vibrant Environmental and Sustainability network and to build a model research program with a multi-disciplinary approach that also encompasses education and outreach.

Director: Virender Sharma, PhD



Global Health Research

The Program on Global Health Research engages in cutting-edge transdisciplinary research and teaching that reduces the burden on disease and improves lives in international settings.

Director: Brian Colwell, PhD



Texas A&M School of Public Health Programs (cont.)

Health Law & Policy

The Program on Health Law & Policy aims to become a nationally recognized center noted for its rigorous analysis of state health laws and in-depth training of empirical health law researchers, analysts, and policy advocates.

Director: Cason Schmit, JD



Health & Nature

The Program on Health & Nature facilitates research and educational activities focused on the relationship between human health and nature. Research foci span from the community, the role of industry and the health care system. It also serves as the Texas A&M home for the joint Center for Health and Nature, a collaborative effort between Houston Methodist Hospital, Texas A&M University and Texan by Nature.

Co- Director: Jay Maddock, PhD, FAAHB & Bita Kash, PhD, MBA, FACHE

Reproductive & Child Health

The Program on Reproductive and Child Health focuses on the study of environmental and occupational etiological determinants of reproductive and child health and the education and training of future leaders in this highly critical area of public health.

Director: Shaida Kalbasi, PhD







Texas Monthly "2021 Best Things in Texas"

Rebecca Fischer

Congratulations to Infectious Disease Expert Dr. Rebecca Fischer named to Texas Monthly's 2021 Best Things in Texas. Fischer along with colleagues Dr. Peter Hotez of Baylor College of Medicine and Dr. Lauren Ancel Meyers of UT Austin were recognized for their efforts to give Texans - and the rest of the world - accurate guidance on the pandemic.

Read more:

https://www.texasmonthly.com/news-politics/the-best-things-in-texas-2021/



2020 Faculty Research Excellence Award



2020 Faculty Excellence Award Recipient Alva Ferdinand DrPH, JD

Dr. Ferdinand's research primarily focuses on disparities in health outcomes, state and federal regulation of health care delivery and the effectiveness of laws aimed at improving public health. In addition to being an Associate Professor in the Department of Health Policy & Management at SPH, she serves as the Director of the Southwest Rural Health Research Center.

Dr. Ferdinand is most widely known among policymakers, motor vehicle insurance personnel, roadway safety advocates, and editors and readers of the Am<u>erican Journal of Public Health</u>, for her work on the impact of texting-while-driving bans on reducing roadway injuries and deaths. She has been consistently funded by federal agencies including the National Science Foundation, Patient Centered Outcomes Research Institute, and Health Resources and Services Administration.

2020 Student Research Excellence Awardees

Doctoral

Theodoros Giannouchos

PhD Candidate, Health Services Research

Advisor: Dr. Hye-Chung Kum

"The Effect of Medicaid Expansion on

Emergency Department Utilization in New York"

Graduate

Kathleen Aarvig

MPH candidate, Environmental Health

Advisor: Dr. Garrett Sansom

"Polycyclic Aromatic Hydrocarbons (PAH) Surface Soil Pollution in Somerville, Texas"

Undergraduate

Nariko Nakachi

BSPH candidate

"Investigating the Needs of Low-Income, First-Generation College Students at a Large Public University"

Advisor: Dr. Robert Garcia



15th Annual Jean Brender Student Research Poster Awards: Graduate

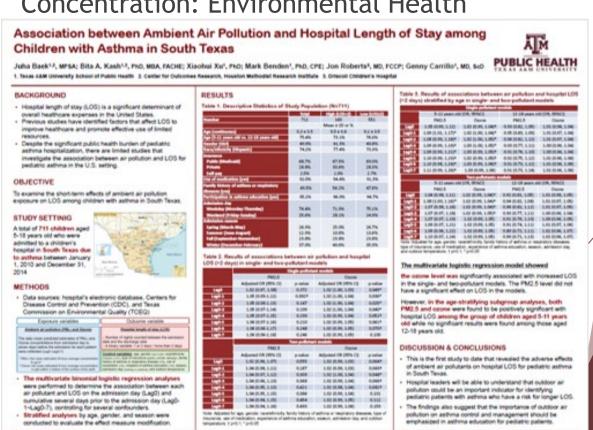
1st Place

Association between Ambient Air Pollution and Hospital Length of Stay among Children with Asthma in South Texas

Juha Baek

DrPH student, Epidemiology and Environmental Health

Concentration: Environmental Health



The findings also suggest that the importance of outdoor air

15th Annual Jean Brender Student Research Poster Awards: Graduate

2nd Place

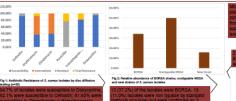
Borderline Methicillin Resistant Staphyloccocus Aureus, An Underappreciated **Emerging Public Health Threat**

Oluwakemi Alonge MPH candidate, Epidemiology



BORDERLINE METHICILLIN RESISTANT STAPHYLOCCOCUS AUREUS. AN UNDERAPPRECIATED EMERGING PUBLIC HEALTH THREAT

School of Public Health



15th Annual Jean Brender Student Research Poster Awards: Graduate

3rd Place

Desigining A Gestational Diabetes Curriculum for Community Health Workers in The Texas-Mexico Border: A Culturally Competent,

Community-Based Approach

Maria Roque

DrPH student, Public Health Sciences

Concentration: Health Promotion &

Community

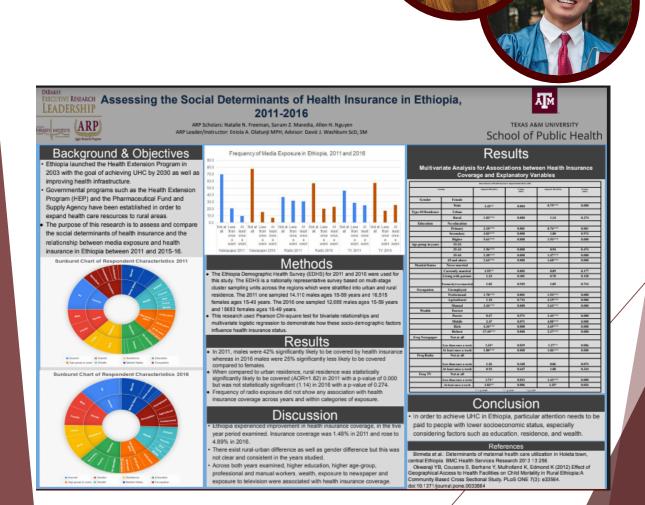


15th Annual Jean Brender Student Research Poster Awards: Undergraduate

1st Place

Assessing the Social Determinants of Health Insurance in Ethiopia, 2011-2016

Natalie Freeman Sanam Maredia Allen Nguyen



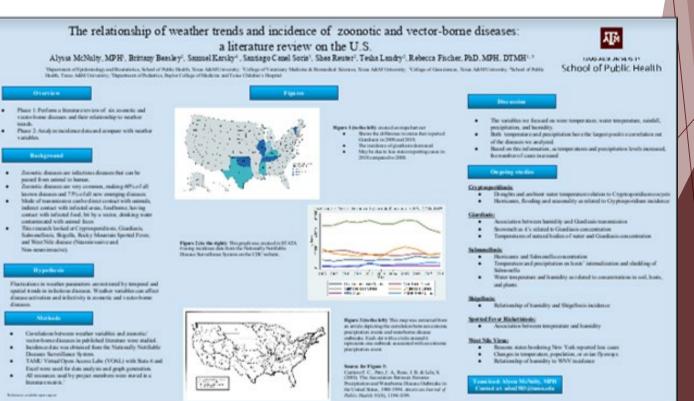
15th Annual Jean Brender Student Research Poster Awards: Undergraduate

2nd Place

The relationship of weather trends and incidence of zoonotic and vector-borne diseases: a literature review on the U.S.

Tesha Landry







- (1) Adetunji SA, Ramirez G, Ficht AR, Perez L, Foster MJ, Arenas-Gamboa AM. Building the Evidence Base for the Prevention of Raw Milk-Acquired Brucellosis: A Systematic Review. Frontiers in Public Health 2020;8:76.
- (2) Agner J, Pirkle CM, Irvin L, Maddock JE, Buchthal OV, Yamauchi J, Starr R, Sentell T. The Healthy Hawai 'i Initiative: Insights from Two Decades of Building a Culture of Health in a Multicultural State. BMC Public Health 2020;20(1):1-11.
- (3) Ahmed L, Quddus N, Kannan P, Peres SC, Mannan MS. Development of a Procedure Writers' Guide Framework: Integrating the Procedure Life Cycle and Reflecting on Current Industry Practices. International Journal of Industrial Ergonomics 2020;76:102930.
- (4) Ahn S, Hussein M, Mahmood A, Smith ML. Emergency Department and Inpatient Utilization among US Older Adults with Multiple Chronic Conditions: A Post-Reform Update. BMC Health Services Research 2020;20(1):77.
- (5) Ajayi K, Kesiena O, Uwak I, Tomaszewski L, Nuzhath T, Appiah B, Okeke U, Odonkor G, Garney W. A Mixed-Method Analysis of Facebook Posts on the COVID-19 Pandemic. SocArXiv 2020.
- (6) Akinlotan MA, Ferdinand AO. Emergency Department Visits for Nontraumatic Dental Conditions: A Systematic Literature Review. Journal of Public Health Dentistry 2020;80(4):313-326.
- (7) Akpalu Y, Sullivan SJ, Regan AK. Association between Health Insurance Coverage and Uptake of Seasonal Influenza Vaccine in Brazos County, Texas. Vaccine 2020;38(9):2132-2135.
- (8) Aly NA, Luo Y, Liu Y, Casillas G, McDonald TJ, Kaihatu JM, Jun M, Ellis N, Gossett S, Dodds JN. Temporal and Spatial Analysis of Per and Polyfluoroalkyl Substances in Surface Waters of Houston Ship Channel Following a Large-Scale Industrial Fire Incident. Environmental Pollution 2020;265:115009.
- (9) Appiah B, Burdine JN, Cummings S, Poudyal A, Hutchison RW, Forjuoh SN, McLeroy KR. The Effect of health-related Information Seeking and Financial Strain on Medication Nonadherence among Patients with Diabetes and/or Hypertension in Central Texas. Journal of Pharmaceutical Health Services Research 2020;11(3):261-268.
- (10) *Baek J, Kash BA, Xu X, Benden M, Roberts J, Carrillo G. Association between Ambient Air Pollution and Hospital Length of Stay among Children with Asthma in South Texas. International Journal of Environmental Research and Public Health 2020;17(11):3812.
- (11) *Baek J, Kash BA, Xu X, Benden M, Roberts J, Carrillo G. Pediatric Asthma Hospitalization: Individual and Environmental Characteristics of High Utilizers in South Texas. Journal of Asthma 2020:1-11.
- (12) *Baek J, Kash BA, Xu X, Benden M, Roberts J, Carrillo G. Effect of Ambient Air Pollution on Hospital Readmissions among the Pediatric Asthma Patient Population in South Texas: A Case-Crossover Study. International Journal of Environmental Research and Public Health 2020;17(13):4846.
- (13) Bai X, Wang S, Yan X, Zhou H, Zhan J, Liu S, Sharma VK, Jiang G, Zhu H, Yan B. Regulation of Cell Uptake and Cytotoxicity by Nanoparticle Core Under the Controlled Shape, Size, and Surface Chemistries. ACS Nano 2020;14(1):289-302.
- (14) Beam EL, Herstein JJ, Kupzyk KA, Gibbs SG. A Simulation Approach to Measure Critical Safety Behaviors when Evaluating Training Methods for Respirator Education in Healthcare Workers. American Journal of Infection Control 2020;48(8):869-874.
- (15) Benden M, Smith ML. Student Drop-off/pickup Safety. In: Wiley DC, Cory AC, editors. Encyclopedia of School Health. Los Angeles, California: SAGE Publications; 2020.

- (16) Bennion N, Spruance LA, Maddock JE. Do Youth Consume More Calories than they Expended in Youth Sports Leagues? an Observational Study of Physical Activity, Snacks, and Beverages. American Journal of Health Behavior 2020:44(2):180-187.
- (17) Boolani A, Ryan J, Vo T, Wong B, Banerjee NK, Banerjee S, Fulk G, Smith ML, Martin R. Do Changes in Mental Energy and Fatigue Impact Functional Assessments Associated with Fall Risks? an Exploratory Study using Machine Learning. Physical & Occupational Therapy In Geriatrics 2020;38(3):283-301.
- (18) Bosetti R, Tabatabai L, Naufal G, Brito R, Kash BA. New Model of Integrated Care for Uncontrolled Type 2 Diabetes in a Retrospective, Underserved Adult Population in the USA: A Study Protocol for an Effectiveness and Cost-Effectiveness Analysis. BMJ Open 2020;10(7).
- (19) Callaghan T, Ferdinand AO, Akinlotan MA, Towne SD, Bolin JN. The Changing Landscape of Diabetes Mortality in the United States Across Region and Rurality, 1999-2016. The Journal of Rural Health 2020;36(3):410-415.
- (20) Callaghan T, Karch A, Kroeger M. Model State Legislation and Intergovernmental Tensions Over the Affordable Care Act, Common Core, and the Second Amendment. Publius: The Journal of Federalism 2020;50(3):518-539.
- (21) Callaghan T, Moghtaderi A, Lueck JA, Hotez P, Strych U, Dor A, Fowler EF, Motta M. Correlates and Disparities of Intention to Vaccinate Against COVID-19. Social Science and Medicine 2020.
- (22) Camargo K, Sericano JL, Bhandari S, Hoelscher C, McDonald TJ, Chiu WA, Wade TL, Dellapenna TM, Liu Y, Knap AH. Polycyclic Aromatic Hydrocarbon Status in Post-Hurricane Harvey Sediments: Considerations for Environmental Sampling in the Galveston Bay/Houston Ship Channel Region. Marine Pollution Bulletin 2021;162:111872.
- (23) "Carrillo G, Mendez-Domínguez N, Datta-Banik R, Figueroa-Lopez F, Estrella-Chan B, Alvarez-Baeza A, Garza N. Asthma Mortality and Hospitalizations in Mexico from 2010 to 2018: Retrospective Epidemiologic Profile. International Journal of Environmental Research and Public Health 2020;17(14):5071.
- (24) *Cheon O, Baek J, Kash BA, Jones SL. An Exploration of Community Partnerships, safety-net Hospitals, and Readmission Rates. Health Services Research 2020;55(4):531-540.
- (25) Cheon O, Naufal G, Kash BA. When Workplace Wellness Programs Work: Lessons Learned from a Large Employer in Texas.

 American Journal of Health Education 2020;51(1):31-39.
- (26) Chiu WA, Fischer RSB, Ndeffo-Mbah ML. State-Level Needs for Social Distancing and Contact Tracing to Contain COVID-19 in the United States. Nature Human Behaviour 2020;4(10):1080-1090.
- (27) Cline KM, Clement V, Rock-Klotz J, Kash BA, Steel C, Miller TR. Improving the Cost, Quality, and Safety of Perioperative Care: A Systematic Review of the Literature on Implementation of the Perioperative Surgical Home. Journal of Clinical Anesthesia 2020:63:109760.
- (28) Colwell B, Mosema KB, Bramble MS, Maddock JE. Comparisons of Social and Demographic Determinants of Tobacco use in the Democratic Republic of the Congo. Globalization and Health 2020;16(1):1-11.
- (29) Courtemanche C, Marton J, Ukert B, Yelowitz A, Zapata D. The Impact of the Affordable Care Act on Health Care Access and self-assessed Health in the Trump Era (2017-2018). Health Services Research 2020;55:841-850.
- (30) Dahlke DV, Lee S, **Smith ML**, Shubert T, Popovich S, **Ory MG**. Attitudes Toward Technology and use of Fall Alert Wearables in Caregiving: Survey Study. *JMIR Aging* 2020.

- (31) Davies A, Mwango G, Appiah B, Callery JJ, Thanh VD, Gumede N, Inglis R, McCracken S, Mkoola K, Montjane K. Initiating a Network to Support Engagement between Health Researchers and Schools: Recommendations from an International Meeting of Schools Engagement Practitioners Held in Kilifi. Wellcome Open 2020.
- (32) Dawkins-Moultin L, Ashing K, McKyer ELJ. Effect of Forced-Response on Completion Rate in Objective Internet-Based Health Survey. Cancer Epidemiology Biomarkers & Prevention 2020;29(9 Supplement).
- (33) Dawkins-Moultin L, McKyer ELJ. Validation of an Instrument to Measure Health Professionals' Health Literacy Competence. Cancer Epidemiology Biomarkers & Prevention 2020;29(6 Supplement 1).
- (34) Dawood FS, Garg S, Fink RV, Russell ML, Regan AK, Katz MA, Booth S, Chung H, Klein NP, Kwong JC. Epidemiology and Clinical Outcomes of Hospitalizations for Acute Respiratory Or Febrile Illness and Laboratory-Confirmed Influenza among Pregnant Women during 5ix Influenza Seasons, 2010-2016. The Journal of Infectious Diseases 2020;221(10):1703-1712.
- (35) *Del Val FR, Cheon O, Menser T, Kash BA, Jones SL, Baek J, Bhimaraj A, Estep J, Sherman V, Tariq N. Bariatric Surgery in End-Stage Heart Failure: Feasibility in Successful Attainment of a Target Body Mass Index. Journal of Cardiac Failure 2020;26(11):944-947.
- (36) Dhala A, Sasangohar F, Kash BA, Ahmadi N, Masud F. Rapid Implementation and Innovative Applications of a Virtual Intensive Care Unit during the COVID-19 Pandemic: Case Study. Journal of Medical Internet Research 2020;22(9):e20143.
- (37) DiLorenzo MA, Baker CA, Herstein JJ, Evans L, Lowe JJ, Gibbs SG, Bhadelia N. Institutional Policies and Readiness in Management of Critical Illness among Patients with Viral Hemorrhagic Fever. Infection Control & Hospital Epidemiology 2020:1-6.
- (38) *Du Y, Wang W, Washburn DJ, Lee S, Towne SD, Zhang H, Maddock JE. Violence Against Healthcare Workers and Other Serious Responses to Medical Disputes in China: Surveys of Patients at 12 Public Hospitals. BMC Health Services Research 2020;20(1):1-10.
- (39) DuPont-Reyes MJ, Villatoro AP, Phelan JC, Painter K, Link BG. Media Language Preferences and Mental Illness Stigma among Latinx Adolescents. Social Psychiatry and Psychiatric Epidemiology 2020;55(7):929-939.
- (40) Elizondo JV, Khera R, Vahidy F, Warraich H, Mahajan S, Blaha M, Blankstein R, Virani S, Achirica MC, Kash BA. Cost, Resource Utilization, Quality of Life, Mental Health, and Financial Toxicity among Young Adults with Stroke in the United States. Journal of the American College of Cardiology 2020;75(11_Supplement_1):1838-1838.
- (41) Feng M, Dionysiou DD, Sharma VK. Black Phosphorous-Based Nanostructures in Environmental Remediation: Current Status and Future Perspectives. Chemical Engineering Journal 2020;389:123460.
- (42) Ferdinand AO, Akinlotan MA, Callaghan T, Towne SD, Bolin JN. Factors Affecting the Likelihood of a Hospitalization Following a diabetes-related Emergency Department Visit: A Regional and urban-rural Analysis. *Journal of Diabetes* 2020;12(9):686-696.
- (43) Fischer RSB, Unrine JM, Vangala C, Sanderson WT, Mandayam S, Murray KO. Evidence of Nickel and Other Trace Elements and their Relationship to Clinical Findings in Acute Mesoamerican Nephropathy: A Case-Control Analysis. PloS One 2020;15(11):e0240988.
- (44) Fox M, Koehler K, Johnson NM. Established and emerging effects of traffic-related air pollution. In: Khreis H, Nieuwenhuijsen M, Zietsman J, Ramani T, editors. Traffic-related Air Pollution: Elsevier; 2020. p. 207-228.
- (45) Gao C, Su Y, Quan X, Sharma VK, Chen S, Yu H, Zhang Y, Niu J. Electronic Modulation of Iron-Bearing Heterogeneous Catalysts to Accelerate Fe (III)/Fe (II) Redox Cycle for Highly Efficient Fenton-Like Catalysis. Applied Catalysis B: Environmental 2020:276:119016.

- (46) Gebremedhin AT, Regan AK, Ball S, Betrán AP, Foo D, Gissler M, Häberg SE, Malacova E, Marinovich ML, Pereira G. Interpregnancy Interval and Hypertensive Disorders of Pregnancy: A population-based Cohort Study. Paediatric and Perinatal Epidemiology 2020.
- (47) Giannouchos T, Kum HC, Ohsfeldt R, Gary J, Morrisey M. Medicaid Expansion Resulted in Decreased Odds of Frequent Emergency Department use among Medicaid Beneficiaries and the Uninsured in New York. Health Services Research 2020;55:77-77.
- (48) *Giannouchos TV, Washburn DJ, Kum HC, Sage WM, Ohsfeldt RL. Predictors of Multiple Emergency Department Utilization among Frequent Emergency Department Users in 3 States. Medical Care 2020;58(2):137-145.
- (49) *Giannouchos TV, Washburn DJ, Gary JC, Foster MJ. Frequent Emergency Department use in the Paediatric Population: A Systematic Literature Review. Journal of Evaluation in Clinical Practice 2020.
- (50) Glasgow RE, Estabrooks PA, Ory MG. Characterizing Evolving Frameworks: Issues from Esmail Et Al. (2020) Review. Implementation Science 2020;15(1):1-3.
- (51) Goodrich K, Benden M, Munch J, Wamwara W. Will College Students Take a Stand? Effects of Health Orientations on Purchase Decision Factors for Standing Desks. Journal of Product and Brand Management 2020.
- (52) **Gorman DM.** Availability of Research Data in High-Impact Addiction Journals with Data Sharing Policies. *Science and Engineering Ethics* 2020;26(3):1625-1632.
- (53) Gorman DM. Commentary on Vassar Et Al. (2020): Cautionary Observations on the pre-registration Revolution. *Addiction* 2020;115(6):1180-1181.
- (54) Gorman DM, Ferdinand AO. High Impact Nutrition and Dietetics Journals' use of Publication Procedures to Increase Research Transparency. Research Integrity and Peer Review 2020;5(1):1-10.
- (55) Haeder SF, Sylvester S, Callaghan T. Lingering Legacies: Public Attitudes about Medicaid Beneficiaries and Work Requirements. Journal of Health Politics, Policy and Law 2020.
- (56) Hamer SA, Pauvolid-Corrêa A, Zecca IB, Davila E, Auckland LD, Roundy CM, Tang W, Torchetti M, Killian ML, Jenkins-Moore M, Mozingo K, Akpalu Y, Ghai RR, Spengler JR, Behravesh CB, Fischer RSB, Hamer GL. Natural SARS-CoV-2 Infections, Including Virus Isolation, among Serially Tested Cats and Dogs in Households with Confirmed Human COVID-19 Cases in Texas, USA. bioRxiv 2020:2020.12.08.416339.
- (57) Harden SM, Strayer III TE, Smith ML, Gaglio B, Ory MG, Rabin B, Estabrooks PA, Glasgow RE. National Working Group on the RE-AIM Planning and Evaluation Framework: Goals, Resources, and Future Directions. Frontiers in Public Health 2020;7:390.
- (58) Hayek S, Derhy S, Smith ML, Towne SD, Zelber-Sagi S. Patient Satisfaction with Primary Care Physician Performance in a Multicultural Population. Israel Journal of Health Policy Research 2020;9(1):1-9.
- (59) Hendricks JW, Peres SC. Beyond Human Error: An Empirical Study of the Safety Model 1 and Model 2 Approaches for Predicting worker's Behaviors and Outcomes with Procedures. Safety Science 2020;134:105016.
- (60) *Herstein JJ, Le AB, McNulty LA, Buehler SA, Biddinger PD, Hewlett AL, Lowe JJ, Gibbs SG. An Update on US Ebola Treatment Center Personnel Management and Training American Journal of Infection Control 2020;48(4):375/379.

- (61) "Herstein JJ, Le AB, McNulty LA, Buehler SA, Biddinger PD, Hewlett AL, Lowe JJ, Gibbs SG. Update on Ebola Treatment Center Costs and Sustainability, United States, 2019. Emerging Infectious Diseases 2020;26(5):1007-1009.
- (62) Hill AV, Perez-Patron M, Tekwe CD, Menon R, Hairrell D, Taylor BD. Chlamydia Trachomatis is Associated with Medically Indicated Preterm Birth and Preeclampsia in Young Pregnant Women. Sexually Transmitted Diseases 2020;47(4):246-252.
- (63) Horney JA, Karaye IM, Abuabara A, Gearhart S, Grabich S, Perez-Patron M. The Impact of Natural Disasters on Suicide in the United States, 2003-2015. Crisis 2020.
- (64) *Hossain M, Purohit N, Sultana A, Ma P, McKyer ELJ, Ahmed HU. Prevalence of Mental Disorders in South Asia: An Umbrella Review of Systematic Reviews and Meta-Analyses. Asian Journal of Psychiatry 2020:102041.
- (65) *Hossain MM, Khan N, Sultana A, Ma P, McKyer ELJ, Ahmed HU, Purohit N. Prevalence of Comorbid Psychiatric Disorders among People with Autism Spectrum Disorder: An Umbrella Review of Systematic Reviews and Meta-Analyses. Psychiatry Research 2020;287:112922.
- (66) Hossain MM, Rahman M, Trisha NF, Tasnim S, Nuzhath T, Hasan NT, Clark H, Das A, McKyer ELJ, Ahmed HU. Prevalence of Anxiety and Depression in South Asia during COVID-19: A Systematic Review and Meta-Analysis. 2020.
- (67) *Hossain MM, Sultana A, Tasnim S, Fan Q, Ma P, McKyer ELJ, Purohit N. Prevalence of Mental Disorders among People Who are Homeless: An Umbrella Review. International Journal of Social Psychiatry 2020;66(6):528-541.
- (68) *Hossain MM, Tasnim S, Sultana A, Faizah F, Mazumder H, Zou L, McKyer ELJ, Ahmed HU, Ma P. Epidemiology of Mental Health Problems in COVID-19: A Review. F1000Research 2020;9.
- (69) Hotez PJ, Nuzhath T, Colwell B. Combating Vaccine Hesitancy and Other 21st Century Social Determinants in the Global Fight Against Measles. Current Opinion in Virology 2020;41:1-7.
- (70) Hulkower R, Penn M, Schmit C. Privacy and Confidentiality of Public Health Information. In: Magnuson JA, Dixon B, editors. Public Health Informatics and Information Systems. . Third Edition ed.: Springer; 2020. p. 147-166.
- (71) Ishdorj A, Di H, Samman E, McKyer ELJ. Are Rural Infants Benefiting from WIC Food Package Rule Changes? Breastfeeding and Infant Feeding Behaviors. Growth 2020;7:8.
- (72) Israelsson E, Chaussabel D, Fischer RSB, Moore HC, Robinson DA, Dunkle JW, Essigmann HT, Record S, Brown EL. Characterization of Peripheral Blood Mononuclear Cells Gene Expression Profiles of Pediatric Staphylococcus Aureus Persistent and Non-Carriers using a Targeted Assay. Microbes and Infection 2020;22(10):540-549.
- (73) Jacobs W, Merianos AL, Smith ML, Nabors L, Fajayan A, Valente TW. Examining the Role of Weight Status and Individual Attributes on Adolescent Social Relations. *Journal of Adolescent Health* 2020;67(1):108-114.
- (74) Jia H, Li S, Wu L, Li S, Sharma VK, Yan B. Cytotoxic Free Radicals on Air-Borne Soot Particles Generated by Burning Wood Or Low-Maturity Coals. Environmental Science & Technology 2020;54(9):5608-5618.
- (75) Jia H, Shi Y, Nie X, Zhao S, Wang T, Sharma VK. Persistent Free Radicals in Humin Under Redox Conditions and their Impact in Transforming Polycyclic Aromatic Hydrocarbons. Frontiers of Environmental Science & Engineering 2020;14(4):73.

- (76) Jiang L, Luo Z, Li Y, Wang W, Li J, Li J, Ao Y, He J, Sharma VK, Wang J. Morphology-and Phase-Controlled Synthesis of Visible-Light-Activated S-Doped TiO2 with Tunable S4 756 Ratio. Chemical Engineering Journal 2020;402:125549.
- (77) Jilani MH, Simon-Friedt B, Yahya T, Khan AY, Hassan SZ, Kash BA, Blankstein R, Blaha MJ, Virani SS, Rajagopalan S. Associations between Particulate Matter Air Pollution, Presence and Progression of Subclinical Coronary and Carotid Atherosclerosis: A Systematic Review. Atherosclerosis 2020:306:22-32.
- (78) *John J, Baek J, Roh T, Cabrera-Conner L, Carrillo G. Regional Disparity in Asthma Prevalence and Distribution of Asthma Education Programs in Texas. Journal of Environmental and Public Health 2020;2020.
- (79) *Karaye IM, Thompson C, Perez-Patron M, Taylor N, Horney JA. Estimating Evacuation Shelter Deficits in the Houston-Galveston Metropolitan Area. Risk Analysis 2020;40(5):1079-1091
- (80) Kellstedt DK, Spengler JO, Foster M, Lee C, Maddock JE. A Scoping Review of Bikeability Assessment Methods. Journal of Community Health 2020:1-14.
- (81) *Kellstedt DK, Washburn DJ, Lee S, Gwarzo I, Ahenda P, Maddock JE. Household Motor Vehicle Ownership and Obesity among Indian Females and Males: 2005-2016. International Health 2020.
- (82) Khan IA, Arsalan MH, Mehdi MR, Kazmi JH, Seong JC, Han D. Assessment of Asthma-Prone Environment in Karachi, Pakistan using GIS Modeling. Journal of the Pakistan Medical Association 2020;70(4):636-649.
- (83) Khan MA, Hira-Smith M, Ahmed SI, Yunus M, Hasan SMT, Liaw J, Balmes J, Raqib R, Yuan Y, Kalman D, Roh T, Steinmaus C, Smith AH. Prospective Cohort Study of Respiratory Effects at Ages 14 to 26 Following Early Life Exposure to Arsenic in Drinking Water. Environmental Epidemiology 2020 04;4(2):e089.
- (84) Kim J, Trueblood AB, Kum HC, Shipp EM. Crash Narrative Classification: Identifying Agricultural Crashes using Machine Learning with Curated Keywords. Traffic Injury Prevention 2020:1-5.
- (85) *Kirsch KR, Horney JA, Sansom GT, Newman GD. Chapter 6 -Breaking down the walls: challenges and lessons learned in interdisciplinary research. In: Zandt SV, Masterson JH, Newman GD, Meyer MA, editors. Engaged Research for Community Resilience to Climate Change.: Elsevier; 2020. p. 75-86.
- (86) Kovalakova P, Cizmas L, McDonald TJ, Marsalek B, Feng M, Sharma VK. Occurrence and Toxicity of Antibiotics in the Aquatic Environment: A Review. Chemosphere 2020:251:126351.
- (87) Kretchy IA, Boima V, Agyabeng K, Koduah A, Appiah B. Psycho-Behavioural Factors Associated with Medication Adherence among Male Out-Patients with Hypertension in a Ghanaian Hospital. PloS One 2020;15(1).
- (88) *Lee J, Callaghan T, Ory M, Zhao H, Bolin JN. Difference in the Risk of Depressive Symptoms Associated with Physical Activity in Persons with Diabetes: Across Age, Gender, and race/ethnicity. Journal of Affective Disorders 2020;269:108-116.
- (89) *Lee J, Callaghan T, Ory M, Zhao H, Foster M, Bolin JN. Effect of Study Design and Survey Instrument to Identify the Association between Depressive Symptoms and Physical Activity in Type 2 Diabetes, 2000-2018: A Systematic Review. The Diabetes Educator 2003;46(1):28-45.
- (90) Lee S, Smith ML, Dahlke DV, Pardo N, Ory MG. A Cross-Sectional Examination of Patients' Perspectives about their Pain, Pain Management, and Satisfaction with Pain Treatment. Pain Medicine 2020;21(2):e164-e171.

- ((91) *Lee YJ, Radcliff TA. Community Interactions and Sanitation use by the Urban Poor: Survey Evidence from India's Slums. *Urban Studies* 2020.
- (92) *Lee J, Callaghan T, Ory M, Zhao H, Bolin JN. The Impact of Medicaid Expansion on Diabetes Management. *Diabetes Care* 2020;43(5):1094-1101.
- (93) Lee WC, Hutchison RW, Lin S, Kuo YF. Patient Education on Opioid Storage, Security, and Disposal of Opioids: Should the Approach Differ in Rural and Urban Settings? Texas Journal of Health-System Pharmacy 2020;19(1):46-51.
- (94) Liberatore HK, Westerman DC, Allen JM, Plewa MJ, Wagner ED, McKenna AM, Weisbrod CR, McCord JP, Liberatore RJ, Burnett DB, Cizmas L. High-Resolution Mass Spectrometry Identification of Novel Surfactant-Derived Sulfur-Containing Disinfection Byproducts from Gas Extraction Wastewater. Environmental Science & Technology 2020;54(15):9374-9386.
- (95) Link BG, DuPont-Reyes MJ, Barkin K, Villatoro AP, Phelan JC, Painter K. A School-Based Intervention for Mental Illness Stigma: A Cluster Randomized Trial. Pediatrics 2020;145(6).
- (96) Lintern G, Motavalli A, Chua Z, Rantanen EM, Peres SC, Boorman D. Rapid Development of a Hospital Checklist in a Time of COVID-19. Ergonomics in Design 2020.
- (97) Liu J, Li Y, Jiang J, Zhang X, Sharma VK, Sayes CM. Effects of Ascorbate and Carbonate on Halo-Disinfection Byproducts and their Developmental Toxicity during Boiling of Tap Water. Chemosphere 2020.
- (98) Liu J, Lujan H, Dhungana B, Hockaday WC, Sayes CM, Cobb GP, Sharma VK. Ferrate (VI) Pretreatment before Disinfection: An Effective Approach to Controlling Unsaturated and Aromatic Halo-Disinfection Byproducts in Chlorinated and Chloraminated Drinking Waters. Environment International 2020;138:105641.
- (99) Liu W, Chan CM, Gong L, Bui MM, Han G, Letson GD, Yang Y, Niu X. Malignancy in Giant Cell Tumor of Bone in the Extremities. Journal of Bone Oncology 2021;26:100334.
- (100) Liu J, Sayes CM, Sharma VK, Li Y, Zhang X. Addition of Lemon before Boiling Chlorinated Tap Water: A Strategy to Control Halogenated Disinfection Byproducts. *Chemosphere* 2020:127954.
- (101) *Lunz Trujillo K, Motta M, Callaghan T, Sylvester S. Correcting Misperceptions about the MMR Vaccine: Using Psychological Risk Factors to Inform Targeted Communication Strategies. Political Research Quarterly 2020.
- (102) Luo C, Feng M, Sharma VK, Huang C. Revelation of Ferrate (VI) Unimolecular Decay Under Alkaline Conditions: Investigation of Involvement of Fe (IV) and Fe (V) Species. Chemical Engineering Journal 2020;388:124134.
- (103) Maddock JE, Kellstedt D. Initial Mass Media Coverage of the 2nd Edition of the Physical Activity Guidelines for Americans. Preventive Medicine Reports 2020;19:101157.
- (104) Malacova E, Tippaya S, Bailey HD, Chai K, Farrant BM, Gebremedhin AT, Leonard H, Marinovich ML, Nassar N, Phatak A, Raynes-Greenow C, Regan AK, Shand AW, Shepherd CCJ, Srinivasjois R, Tessema GA, Pereira G. Stillbirth Risk Prediction using Machine Learning for a Large Cohort of Births from Western Australia, 1980-2015. Scientific Reports 2020;10(1):5354.
- (105) Manoli K, Maffettone R, Sharma VK, Santoro D, Ray AK,
 Passalacqua KD, Carnahan KE, Wobus CE, Sarathy S.
 Inactivation of Murine Norovirus and Fecal Coliforms by
 Ferrate(VI) in Secondary Effluent Wastewater. Environmental
 Science & Technology 2020;54(3):1878-1888.

- (106) McBain RK, Cantor JH, Kofner A, Callaghan T, Stein BD, Yu H. Generosity of State Insurance Mandates and Growth in the Workforce for Autism Spectrum Disorder. Autism 2020.
- (107) McDaniel JT, Lee M, Albright DL, Lee HY, Maddock JE. Small Area Estimation of Mental Distress among United States Military Veterans in Illinois. Community Mental Health Journal 2020;56(2):298-302.
- (108) McDonald AD, Ade N, Peres SC. Predicting Procedure Step Performance from Operator and Text Features: A Critical First Step Toward Machine Learning-Driven Procedure Design. Human Factors 2020.
- (109) *McMaughan DJ, Oloruntoba O, Smith ML. Socioeconomic Status and Access to Healthcare: Interrelated Drivers for Healthy Aging. Frontiers in Public Health 2020;8.
- (110) *McNulty A, Fischer RSB, Lino A, Murray K, Erickson T, Ronca S, Gunter S. Seroprevalence and Epidemiology of Typhus Group Rickettsia Infection in Texas. International Journal of Infectious Diseases 2020;101:154-155.
- (111) Mehta RK, Nuamah J, Peres SC, Murphy RR. Field Methods to Quantify Emergency Responder Fatigue: Lessons Learned from sUAS Deployment at the 2018 Kilauea Volcano Eruption. IISE Transactions on Occupational Ergonomics and Human Factors 2020:1-9.
- (112) *Mendez-Dominguez N, Alvarez-Baeza A, Carrillo G. Demographic and Health Indicators in Correlation to Interstate Variability of Incidence, Confirmation, Hospitalization, and Lethality in Mexico: Preliminary Analysis from Imported and Community Acquired Cases during Covid-19 Outbreak. International Journal of Environmental Research and Public Health 2020;17(12):4281.
- (113) *Merianos AL, Jacobs W, Oloruntoba O, Gittens OE, Smith ML. Perceived Severity of Interrelated Cardiometabolic Risk Factors among US College Students. American Journal of Health Education 2020;51(4):234-243.
- (114) Meyer MRU, Ylitalo KR, Prochnow T, Gómez LA, Sharkey JR. Physical Activity Space Methodology for Assessment and Prioritization (PASMAP): Combining Systematic Observations with Community Perceptions to Identify Community Physical Activity Resource Priorities. Health and Place 2020;66.
- (115) Miller TR, Radcliff TA. Economic Shocks from the Novel COVID-19
 Pandemic for Anesthesiologists and their Practices. *Anesthesia*and Analgesia 2020;131(1):112-116.
- (116) *Moon J, Sasangohar F, Son C, Peres SC. Cognition in Crisis Management Teams: An Integrative Analysis of Definitions. Ergonomics 2020;63(10):1240-1256.
- (117) Moreno-Rangel A, Baek J, Roh T, Xu X, Carrillo G. Assessing Impact of Household Intervention on Indoor Air Quality and Health of Children with Asthma in the US-Mexico Border: A Pilot Study. Journal of Environmental and Public Health 2020:2020.
- (118) Motta M, Callaghan T. The Pervasiveness and Policy Consequences of Medical Folk Wisdom in the US. Scientific Reports 2020;10(1):1-10.
- (119) Mulenos MR, Liu J, Lujan H, Guo B, Lichtfouse E, Sharma VK, Sayes CM. Copper, Silver, and Titania Nanoparticles do Not Release Ions Under Anoxic Conditions and Release Only Minute Ion Levels Under Oxic Conditions in Water: Evidence for the Low Toxicity of Nanoparticles. Environmental Chemistry Letters 2020:1-10.
- (120) *Mustapha TA, Chang RC, Garcia-Rhodes D, Pendleton D, Johnson NM, Golding MC. Gestational Exposure to Part/Culate Air Pollution Exacerbates the Growth Phenotypes Induced by Preconception Paternal Alcohol use: A Multiplex Model of Exposure. Environmental Epigenetics 2020;6(1)

- (121) *Newman G, Shi T, Yao Z, Li D, Sansom G, Kirsch K, Casillas G, Horney J. Citizen Science-Informed Community Master Planning: Land use and Built Environment Changes to Increase Flood Resilience and Decrease Contaminant Exposure. International Journal of Environmental Research and Public Health 2020;17(2):486.
- (122) Nickodem CA, Menon R, McDonald T, Taylor BD. Circulating Short-Chain Fatty Acids in Preterm Birth: A Pilot Case-Control Study. Reproductive Sciences 2020;27(5):1181-1186.
- (123) Nie J, Yan S, Lian L, Sharma VK, Song W. Development of Fluorescence Surrogates to Predict the Ferrate (VI) Oxidation of Pharmaceuticals in Wastewater Effluents. Water Research 2020:185:116256.
- (124) Nie X, Zhu K, Zhao S, Dai Y, Tian H, Sharma VK, Jia H. Interaction of Ag with Soil Organic Matter: Elucidating the Formation of Silver Nanoparticles. Chemosphere 2020;243:125413.
- (125) Niu Y, Chen R, Wang C, Wang W, Jiang J, Wu W, Cai J, Zhao Z, Xu X, Kan H. Ozone Exposure Leads to Changes in Airway Permeability, Microbiota and Metabolome: A Randomised, Double-Blind, Crossover Trial. The European Respiratory Journal 2020:56(3).
- (126) Ory MG, Lee S, Towne SD, Flores S, Gabriel O, Smith ML. Implementing a Diabetes Education Program to Reduce Health Disparities in South Texas: Application of the RE-AIM Framework for Planning and Evaluation. International Journal of Environmental Research and Public Health 2020;17(17):6312.
- (127) Page RL, Perez-Patron M, Han G, Burdette AM, Badejo M. Religiosity, Acculturation, and Preterm Birth in Mexican-Origin Women: A Pilot Study. Hispanic Health Care International.
- (128) Pan A, Khan O, Meeks J, Boom M, Masud F, Andrieni J, Phillips R, Tiruneh Y, Kash BA, Vahidy F. Disparities in COVID-19 Hospitalizations and Mortality among Black and Hispanic Patients: Cross-Sectional Analysis from the Greater Houston Metropolitan Area. medRxiv 2020.
- (129) Pan B, Feng M, McDonald TJ, Manoli K, Wang C, Huang C, Sharma YK. Enhanced Ferrate (VI) Oxidation of Micropollutants in Water by Carbonaceous Materials: Elucidating Surface Functionality. Chemical Engineering Journal 2020;398:125607.
- (130) Pani E, Kennedy G, Zheng X, Ukert B, Jarrar D, Gaughan C, Pechet T, Kucharczuk J, Singhal S. Factors Associated with Nodal Metastasis in 2-Centimeter Or Less non-small Cell Lung Cancer. The Journal of Thoracic and Cardiovascular Surgery 2020;159(3):1088-1096. e1.
- (131) Peres SC, Smith A, Sasangohar F. Worker-Centered Investigation of Issues with Procedural Systems: Findings from Interviews with a Representative Sample of Workers in High-Risk Process Industries. Journal of Loss Prevention in the Process Industries 2020;67:104264.
- (132) *Pérez-Valdespino A, Pircher R, Pérez-Domínguez CY, Mendoza-Sanchez I. Impact of Flooding on Urban Soils: Changes in Antibiotic Resistance and Bacterial Community After Hurricane Harvey. Science of the Total Environment 2021;766:142643.
- (133) Perri MG, Shankar MN, Daniels MJ, Durning PE, Ross KM, Limacher MC, Janicke DM, Martin AD, Dhara K, Bobroff LB, Radcliff TA, Befort C. Effect of Telehealth Extended Care for Maintenance of Weight Loss in Rural US Communities: A Randomized Clinical Trial. JAMA Network Open 2020;3(6).
- (134) Prochaska JD, Jupiter DC, Horel S, Vardeman J, Burdine JN. Rural-Urban Differences in Estimated Life Expectancy Associated with Neighborhood-Level Cumulative Social and Environmental Determinants. Preventive Medicine 2020;139:106214.
- (135) Prochnow T, Patterson MS, **Sharkey J**, Meyer MRU. Health Coalition Collaboration Network, Perceived Satisfaction and Success. *Journal of Health Organization and Management* 2020.

- (136) Prochnow T, Umstattd Meyer MR, Patterson MS, McClendon ME, Gómez L, Trost SG, Sharkey J. Papás Activos: Associations between Physical Activity, Sedentary Behavior and Personal Networks among Fathers Living in Texas Colonias. International Journal of Environmental Research and Public Health 2020;17(24):9243.
- (137) Qian X, Gu Z, Tang Q, Hong A, Filser J, Sharma VK, Li L. Sulfidation of Sea Urchin-Like Zinc Oxide Nanospheres: Kinetics, Mechanisms, and Impacts on Growth of Escherichia Coli. Science of The Total Environment 2020;741:140415.
- (138) Radcliff TA, Côté MJ, Whittington MD, Daniels MJ, Bobroff LB, Janicke DM, Perri MG. Cost-Effectiveness of Three Doses of a Behavioral Intervention to Prevent Or Delay Type 2 Diabetes in Rural Areas. Journal of the Academy of Nutrition and Dietetics 2020;120(7):1163-1171.
- (139) *Radcliff TA, Horney JA, Dobalian A, Macareno BO, Kabir UY, Price C, Strickland CJ. Long-Term Care Planning, Preparedness, and Response among Rural Long-Term Care Providers. Disaster Medicine and Public Health Preparedness 2020:1-4.
- (140) Radu S, Han D, Fowler G, Han G, Fortino J, Vetto JT. Relationship of Patient Age to Tumor Factors and Outcomes among Patients Undergoing Sentinel Node Biopsy for Melanoma. The American Journal of Surgery 2020;219(5):836-840.
- (141) Regan AK, Feldman BS, Azziz-Baumgartner E, Naleway AL, Williams J, Wyant BE, Simmonds K, Effler PV, Booth S, Ball SW. An International Cohort Study of Birth Outcomes Associated with Hospitalized Acute Respiratory Infection during Pregnancy. Journal of Infection 2020;81(1):48-56.
- (142) Reisenbichler ES, Han G, Bellizzi A, Bossuyt V, Brock J, Cole K, Fadare O, Hameed O, Hanley K, Harrison BT. Prospective Multi-Institutional Evaluation of Pathologist Assessment of PD-L1 Assays for Patient Selection in Triple Negative Breast Cancer. Modern Pathology 2020;33(9):1746-1752.
- (143) Rhee J, Benden ME. Stand-Biased Desk Intervention on Sleep Quality of High School Students: A Pilot Study using Tri-Axial Accelerometery. International Journal of Environmental Research and Public Health 2020;17(1):37.
- (144) Roman-Hubers AT, McDonald TJ, Baker ES, Chiu WA, Rusyn I. A Comparative Analysis of Analytical Techniques for Rapid Oil Spill Identification. Environmental Toxicology and Chemistry 2020.
- (145) Rosen BL, Szucs LE, Wilson KL, Reyes JV, Fontenot HB, Smith ML. Factors Associated with HPV Vaccination before First Sexual Intercourse among Female College Students. Women's Healthcare 2020;8(1):38-44.
- (146) Sansom GT, Aarvig K, Sansom L, Thompson C, Fawkes L, Katare A. Understanding Risk Communication and Willingness to Follow Emergency Recommendations Following Anthropogenic Disasters. Environmental Justice 2020.
- (147) *Sansom GT, Kirsch K, Horney JA. Using the 12-Item Short Form Health Survey (SF-12) to Assess Self Rated Health of an Engaged Population Impacted by Hurricane Harvey, Houston, TX. BMC Public Health 2020;20(1):1-8.
- (148) Sasangohar F, Bradshaw MR, Carlson MM, Flack JN, Fowler JC, Freeland D, Head J, Marder K, Orme W, Weinstein B, Kolmman J, Kash BA, Madan A. Adapting an Outpatient Psychiatric Clinic to Telehealth during the COVID-19 Pandemic: A Practice Perspective. Journal of Medical Internet Research 2020;22(10):e22523.
- (149) Sasangohar F, Dhala A, Zheng F, Ahmadi N, Kash BA, Masyu F. Use of Telecritical Care for Family Visitation to ICU during the COVID-19 Pandemic: An Interview Study and Sentiment Analysis. BMJ Quality & Safety 2020. (150) Sasangohar F, Moats J, Mehta R, Peres SC. Disaster Ergonomics: Human Factors in COVID-19 Pandemic Emergency Management. Human Factors 2020;62(7):1061-1068.
- (150) Sasangohar F, Moats J, Mehta R, Peres C. Disaster Ergonomics: Human Factors in COVID-19 Pandemic Emergency Management. Human Factors 2020;62(7):1061-1068.

Appendix A

- (151) Sasangohar F, Jones SL, Masud FN, Vahidy FS, Kash BA. Provider Burnout and Fatigue during the COVID-19 Pandemic: Lessons Learned from a High-Volume Intensive Care Unit. Anesthesia and Analgesia 2020;131(1):106-111.
- (152) Satkunasivam R, Klaassen Z, Ravi B, Fok KH, Menser T, Kash BA, Miles BJ, Bass B, Detsky AS, Wallis CJD. Relation between Surgeon Age and Postoperative Outcomes: A Population-Based Cohort Study. Canadian Medical Association Journal 2020;192(15):E385-E392.
- (153) Schmit C, Ajayi KV, Ferdinand AO, Giannouchos T, Ilangovan G, Nowell WB, Kum HC. Communicating with Patients about Software for Enhancing Privacy in Secondary Database Research Involving Record Linkage: Delphi Study. Journal of Medical Internet Research 2020;22(12):e20783.
- (154) Scronce G, Zhang W, Smith ML, Mercer VS. Characteristics Associated with Improved Physical Performance among Community-Dwelling Older Adults in a Community-Based Falls Prevention Program. International Journal of Environmental Research and Public Health 2020;17(7):2509.
- (155) Sharkey J, Bustillos BD, Umstattd Meyer MR. Health Promotion and Disease Prevention in the Older Adult. In: Bernstein M, Munoz N, editors. Nutrition for the Older Adult. . 3rd ed. Burlington, MA: Jones & Bartlett Learning; 2020. p. 137-174.
- (156) Sharma VK, Jinad C, Lichtfouse E. Environmental Chemistry is most Relevant to Study Coronavirus Pandemics. Environmental Chemistry Letters 2020:1-4.
- (157) Shipp EM, Trueblood AB, Kum HC, Garcia T, Vasudeo S, Perez M. JA: 2021-33. Logging Truck Crashes in the SW Agricultural Region: Examining Severity and Associated Factors. *Journal of Agromedicine* 2020;25(3):257-258.
- (158) Smith ML, Bergeron CD, Goltz HH, Coffey T, Boolani A. Sexually Transmitted Infection Knowledge among Older Adults: Psychometrics and Test-Retest Reliability. International Journal of Environmental Research and Public Health 2020;17(7):2462.
- (159) Smith ML, Bergeron CD, Lachenmayr S, Eagle LA, Simon JR. A Brief Intervention for Malnutrition among Older Adults: Stepping Up Your Nutrition. International Journal of Environmental Research and Public Health 2020:17(10):3590.
- (160) Smith ML, Lee S, Towne SD, Han G, Quinn C, Peña-Purcell NC, Ory MG. Impact of a Behavioral Intervention on Diet, Eating Patterns, Self-Efficacy, and Social Support. Journal of Nutrition Education and Behavior 2020;52(2):180-186.
- (161) Smith ML, Wilson KL, Bergeron CD. Condom use for Sexually Transmitted Infection Prevention among Hispanic Teenage Mothers: A Community-Based Randomized Trial. *Journal of Women's Health* 2020;29(4):534-540.
- (162) *Son C, Larsen E, Sasangohar F, Camille SC. Opportunities and Challenges for Resilient Hospital Incident Management: Case Study of a Hospital's Response to Hurricane Harvey. *Journal of Critical Infrastructure Policy* 2020;1(1).
- (163) *Son C, Sasangohar F, Neville T, Peres SC, Moon J. Investigating Resilience in Emergency Management: An Integrative Review of Literature. Applied Ergonomics 2020;87:103114.
- (164) *Son C, Sasangohar F, Peres SC, Moon J. Muddling through Troubled Water: Resilient Performance of Incident Management Teams during Hurricane Harvey. Ergonomics 2020;63(6):643-659.
- (165) Spengler J, Stasi SM. Accessing Minnesota School Administrators' Knowledge and Perceptions Related to Sharing School Play Spaces After the Passage of Minnesota Shared use Legislation. Journal of Healthy Eating and Active Living 2020;1(1):31-38.

- (166) Stasi SM, Spengler JO, Maddock JE, McKyer ELJ, Clark H. Shared-use Decisions among Administrators of Physical Activity Facilities in Pasadena, TX. Health Promotion Practice 2020;21(6):926-933.
- (167) Sun P, Liu H, Feng M, Zhai Z, Fang Y, Zhang X, Sharma VK. Strategic Combination of N-Doped Graphene and g-C3N4: Efficient Catalytic Peroxymonosulfate-Based Oxidation of Organic Pollutants by Non-Radical-Dominated Processes. Applied Catalysis B: Environmental 2020;272:119005.
- (168) Swaminathan A, Fell DB, Regan A, Walker M, Corsi DJ. Association between Interpregnancy Interval and Subsequent Stillbirth in 58 Low-Income and Middle-Income Countries: A Retrospective Analysis using Demographic and Health Surveys. The Lancet Global Health 2020;8(1):e113-e122.
- (169) Tang P, Liu B, Zhang Y, Chang H, Zhou P, Feng M, **Sharma VK.**Sustainable Reuse of Shale Gas Wastewater by Pre-Ozonation with Ultrafiltration-Reverse Osmosis. *Chemical Engineering Journal* 2020;392:123743.
- (170) Taylor NJ, Gaynanova I, Eschrich SA, Welsh EA, Garrett TJ, Beecher C, Sharma R, Koomen JM, Smalley KS, Messina JL. Metabolomics of Primary Cutaneous Melanoma and Matched Adjacent Extratumoral Microenvironment. *PloS one* 2020:151101.
- (171) Tölgyesi Á, Kozma L, Sharma VK. Determination of Alternaria Toxins in Sunflower Oil by Liquid Chromatography Isotope Dilution Tandem Mass Spectrometry. *Molecules* 2020:25(7):1685.
- (172) Tölgyesi Á, Sharma VK. Quantification of Aromatic Amines Derived from Azo Colorants in Textile by Ion-Pairing Liquid Chromatography Tandem Mass Spectrometry. Journal of Chromatography B 2020;1137:121957.
- (173) Tölgyesi Á, Sharma VK. Determination of Acrylamide in Gingerbread and Other Food Samples by HILIC-MS/MS: A Dilute-and-Shoot Method. Journal of Chromatography B 2020;1136:121933.
- (174) Tölgyesi Á, Sharma VK, Kulati A. Improved Quantification of Mass Fraction of Colorants in Textile by High-Performance Liquid Chromatography Coupled with Tandem Mass Spectrometric Detector. Accreditation and Quality Assurance 2020;25(4):259-272.
- (175) Tomaszewski LE, Zarestky J, Gonzalez E. Planning Qualitative Research: Design and Decision Making for New Researchers. International Journal of Qualitative Methods 2020;19.
- (176) Tomé M, Amorim E, Smith ML. A Análise do Conteúdo Informativo Nos Websites Oficiais De Turismo Sobre a Saúde do Viajante e Os Riscos Referentes à Covid-19. International Journal of Safety and Security in Tourism/Hospitality 2020(21).
- (177) Torlakovic E, Lim HJ, Adam J, Barnes P, Bigras G, Chan AWH, Cheung CC, Chung JH, Couture C, Fiset PO, Fujimoto D, Han G, Hirsch FR, Ilie M, Ionescu D, Li C, Munari E, Okuda K, Ratcliffe MJ, Rimm DL, Ross C, Roge R, Scheel AH, Soo RA, Swanson PE, Tretiakova M, To KF, Vainer GW, Wang H, Xu Z, et al. "Interchangeability" of PD-L1 Immunohistochemistry Assays: A Meta-Analysis of Diagnostic Accuracy. Modern Pathology 2020;33(1):4-17.
- (178) Towne SD, Smith ML, Xu M, Lee S, Sharma S, Smith D, Li Y, Fucci Y, Ory MG. Trends in Geospatial Drivers of Fall-Related Hospitalizations and Asset Mapping of Fall Prevention Interventions for Vulnerable Older Adults. *Journal of Aging and Health* 2020;32(5-6):328-339.
- (179) Towne SD, Smith ML, Li Y, Dowdy D, Ahn S, Lee S, Yoshikawa A, Jiang L. A Multi-Level Analyses of Charges and Cost of Fall-Related Hospitalizations among Older Adults: Individual, Hospital, and Geospatial Variation. Journal of Aging & Social Policy 2020:1-22.
- (180) Ubaid KA, Zhang X, **Sharma VK**, Li L. Fate and Risk of Metal Sulfide Nanoparticles in the Environment. *Environmental Chemistry Letters* 2020;18(1):97-117.

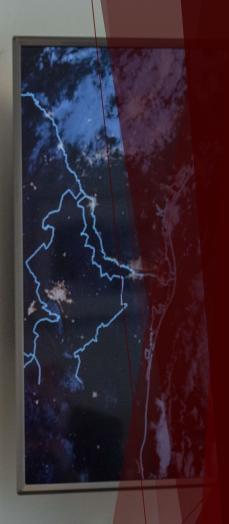
Appendix A

- (181) Ukert B, David G, Smith-McLallen A, Chawla R. Do payor-based Outreach Programs Reduce Medical Cost and Utilization? Health Economics 2020;29(6):671-682.
- (182) Ukert B, Huang Y, Sennett B, Delgado K. State-Level Variation in Opioid Prescribing After Knee Arthroscopy among the Opioid-Naive in the USA: 2015-2019. BMJ Open 2020;10(8):e035126-2019-035126.
- (183) Vahidy FS, Nicolas JC, Meeks JR, Khan O, Pan A, Jones SL, Masud F, Sostman HD, Phillips R, Andrieni JD, Kash BA, Nasir K. Racial and Ethnic Disparities in SARS-CoV-2 Pandemic: Analysis of a COVID-19 Observational Registry for a Diverse US Metropolitan Population. BMJ Open 2020;10(8):e039849.
- (184) van den Berg A, Warren JL, McIntosh A, Hoelscher D, Ory MG, Jovanovic C, Lopez M, Whittlesey L, Kirk A, Walton C. Impact of a Gardening and Physical Activity Intervention in Title 1 Schools: The TGEG Study. Childhood Obesity 2020;16(S1):S-44-S-54.
- (185) Vollmer Dahlke D, Ory MG. Emerging Issues of Intelligent Assistive Technology use among People with Dementia and their Caregivers: A US Perspective. Frontiers in Public Health 2020;8:191.
- (186) Walker ME, Han G, Gabrick K, Kanouzi J, Lo Y, Galan A, Clune J, Narayan D, Ariyan S, Han D. Acral Lentiginous Melanoma: Do Surgical Approach and Sentinel Lymph Node Biopsy Matter? Plastic and Reconstructive Surgery Global Open 2020;8(3).
- (187) *Wells R, Breckenridge ED, Siañez M, Tamayo L, Kum HC, Ohsfeldt RL. Self-Reported Quality, Health, and Cost-Related Outcomes of Care Coordination among Patients with Complex Health Needs. Population Health Management 2020;23(1):59-67.
- (188) Wendel M, Burdine JN, Clark H, McKyer ELJ, Mitchell RL. Kenneth R. McLeroy, PhD, MS (1947-2020). Health Education & Behavior 2020;47(6):927-928.
- (189) Xu X, Taylor N, Xiao Z, Fang V. The Menstrual Cycle Related Hormone Variations and Breast Cancer Risk: A Novel Theory. Clinical Oncology Research Journal 2020;3(4):2-6.
- (190) Xu X, Zhang X, Han J, Adamu Y, Zhang B. Potential Increased Risk of Trisomy 18 Observed After a Fertilizer Warehouse Fire in Brazos County and TX. International Journal of Environmental Research and Public Health 2020;17(7):2561.
- (191) Yao J, Qu R, Wang X, Sharma VK, Shad A, Dar AA, Wang Z. Visible Light and Fulvic Acid Assisted Generation of Mn (III) to Oxidize Bisphenol A: The Effect of Tetrabromobisphenol A. Water Research 2020;169:115273.
- (192) Yoshida H, Maddock JE. Relationship between Health Behaviors and Obesity in a Sample of Hawai 'i's 4 most Populous Ethnicities. Hawai'i Journal of Health & Social Welfare 2020;79(4):104.
- (193) Yoshikawa A, Ramirez G, Smith ML, Foster M, Nabil AK, Jani SN, Ory MG. Opioid use and the Risk of Falls, Fall Injuries and Fractures among Older Adults: A Systematic Review and Meta-Analysis. The Journals of Gerontology: Series A 2020;75(10):1989-1995.
- (194) Yoshikawa A, Ramirez G, Smith ML, Lee S, Ory MG. Systematic Review and Meta-Analysis of Fear of Falling and Fall-Related Efficacy in a Widely Disseminated Community-Based Fall Prevention Program. Archives of Gerontology and Geriatrics 2020;91:104235.
- (195) Yoshikawa A, Smith ML, Lee S, Towne SD, Ory MG. The Role of Improved Social Support for Healthy Eating in a Lifestyle Intervention: Texercise Select. Public Health Nutrition 2020.

- (196) Zanwar P, Wang M, Chang S. Pdb78 Racial Differences in Healthcare Costs Associated with Obesity-Related Multi-Morbidity in the United States. Value in Health 2020;23:S122-5123.
- (197) Zanwar P, Lee C, Ham Y, Chaspari T, Kim J, Tan S, Manser M, Ahn C. Assessment of Emerging Mobile Connected Technologies to Promote Outdoor Mobility and Transit in Older Adults and in those with Alzheimer's Disease and Related Dementias: Usability, Stressors, Barriers, and Implications for Policy: Psychosocial Factors and Environmental Design: Technology and Interventions. Alzheimer's and Dementia 2020;16:e044188.
- (198) Zhang Y, Zhao Y, Xu Z, Su H, Bian X, Zhang S, Dong X, Zeng L, Zeng T, Feng M, Li L, Sharma VK. Carbon Quantum Dots Implanted CdS Nanosheets: Efficient Visible-Light-Driven Photocatalytic Reduction of Cr (VI) Under Saline Conditions. Applied Catalysis B: Environmental 2020:262:118306.
- (199) *Zhao H, Merchant N, McNulty A, Radcliff TA, Côté M, Fischer RSB, Sang H, Ory MG. COVID-19: Short Term Prediction Model using Daily Incidence Data. The Lancet 2020.
- (200) Zheng Q. Let Master of Public Health Students Experience Statistical Reasoning. Athens Journal of Health and Medical Sciences 2020:7(1):47-62.
- (201) Zhu X, Yoshikawa A, Qiu L, Lu Z, Lee C, Ory M. Healthy Workplaces, Active Employees: A Systematic Literature Review on Impacts of Workplace Environments on Employees' Physical Activity and Sedentary Behavior. Building and Environment 2020:168.

Research Presentations





Appendix B

- ((1) Ahenda P, Washburn D, Colwell B, Lee S, Gwarzo I, Kellstedt DK and Maddock J. Targeted Prevention Efforts and Shifts in the Social Determinants of Vitamin A Supplementation among Children Under Five in Kenya, 2003-2014. 2020 American Association for Health Behavior Annual Meeting, Virtual. June 28 July 1, 2020.
- (2) Alonzo J, Ory MG, Lee D, McCord C, Ellis M, Pullium C and Nsobundu C. Interprofessional Student Integration into the Texas A&M Opioid Overdose Education & Naloxone Administration Training Public Health Initiative. Interprofessional Education and Research Conference 6 Symposium, Virtual. November 18, 2020.
- (3) Aly N, Casillas G, Luo Y, McDonald T, Wade T, Chiu W and Rusyn I. Environmental Impacts of Hurricane Florence Flooding in Easter North Carolina: Temporal Analysis of Contaminant Distribution and Potential Human Health Risks. NIEHS Superfund Research Program Annual Meeting, Virtual. December 14-15, 2020.
- (4) *Baek J, Kash B, Xu X, Benden M, Roberts J and Carrillo G. Association between Ambient Air Pollution and Hospital Length of Stay among Children with Asthma in South Texas. American Public Health Association 2020 Virtual Annual Meeting and Expo. October 24-28, 2020.
- (5) Camargo K, Foster M, Buckingham B, McDonald T and Chiu W. Historical Spatial and Temporal Distribution of Legacy Contaminants in Galveston Bay and the Houston Ship Channel (GB/HSC) - a Systematic Evidence Map. NIEHS Superfund Research Program Annual Meeting, Virtual. December 14-15, 2020.
- (6) Clendenin AG. Cultural Competence: Developing Educational Opportunities and Collaborations with International Partners as an Extension of the Classroom Experience. 2020 Association of Schools and Programs of Public Health Annual Conference, Virtual. Spring 2020.
- (7) Cordova A, Roman-Hubers A, Valdiviezo A, McDonald T, Chiu W and Rusyn I. Developing Passive Dosing Methods to Enable in Vitro Testing of Environmental Samples and Complex Mixtures. NIEHS Superfund Research Program Annual Meeting, Virtual. December 14-15, 2020.
- (8) Du Y, Morrisey M and Ohsfeldt R. Behaviors of Private Insurers and ACA Marketplace Competition: A Two-Step Approach in Two States. 9th Annual American Society of Health Economists Conference, Virtual. June 7-10, 2020.
- (9) Fang V and Xu X. Association between Obesity Exposure and Insomnia in the U.S. Population. 23rd Annual Meeting American College of Epidemiology. September 21-23, 2020.
- (10) Fawkes L, Washburn DJ, Maddock J and Colwell B. An Analysis of women's Empowerment using the SWPER Index in India. 2020 Interdisciplinary Association for Population Health Science, Virtual. September 30-October 2, 2020.
- (11) Han G. Telomere Length, Acculturation, and Preterm Birth in Mexican-Origin Women. 65th American College of Nurse-Midwives Annual Meeting, Virtual. May 30 - June 1, 2020.
- (12) Han G. Sentinel Lymph Node Biopsy is Prognostic in the Thickest Melanoma Cases and should be Performed for Thick Melanomas. SSO 2020 - International Conference on Surgical Cancer Care, Boston, Massachusetts. March 25-28, 2020.
- (13) Han G. Stress, Acculturation, and Preterm Birth in Mexican-Origin Women. 65th American College of Nurse-Midwives Annual Meeting, Virtual. May 30 - June 1, 2020.
- (14) Hasan NT, Shah NC and Roh T. Phthalate Exposure and Respiratory Diseases among Adults and Children: The US NHANES 2007-2016. 2020 International Society for Environmental Epidemiology Annual Conference, Virtual. August 24-27, 2020.

- 15) Ilangovan G, Ramezani M and Kum HC. A Benchmarking System to Evaluate the Effectiveness and Efficiency of Machine Learning Algorithms for Record Linkage. American Medical Informatics Association 2020 Annual Symposium, Virtual. November 14-18, 2020.
- 16) Jang S, McDonald T, Bhandari S, Rusyn I and Chiu W. Spatial and Temporal Distribution of Surface Water Quality Contaminants After the Intercontinental Terminal Company Fire. NIEHS Superfund Research Program Annual Meeting, Virtual. December 14-15, 2020.
- (17) Jani S, Lee S, Smith ML and Ory MG. Moderate to Vigorous Physical Activity Engagement among Persons with Diabetes: NHANES 2015-16. American Public Health Association 2020 Annual Meeting, Virtual. October 24-28, 2020.
- (18) Karim M, Nabil AK, Khodakarami N, Kum HC, Foster MJ and Ohsfeldt RL. Economic Evaluation of Epidermal Growth Factor Receptor - Tyrosine Kinase Inhibitor (EGFR-TKI) Drugs in Non-Small Cell Lung Cancer (NSCLC) Treatment: A Systematic Review of Recent Studies. International Society for Pharmacoeconomics and Outcomes Research 2020, Virtual. May 18-20, 2020.
- (19) Karim M, Ohsfeldt RL, Singal AG and Kum HC. Out-of-Pocket Expenditure, Probability of Underinsurance and Health Services Utilization among Non-Elderly Cancer Survivors. American Association for Cancer Research Annual Meeting, Virtual. June 22-24, 2020.
- (20) Kaur R, Regan A and Callaghan T. Immunization Against Influenza and Pertussis among Pregnant Women in Rural and Urban Areas of the United States. Society for Epidemiological Research Annual Meeting, Virtual. December 16-18 2020.
- (21) Kaur R, Callaghan T and Regan A. "Immunization Against Influenza and Pertussis among Pregnant Women in Rural and Urban Areas of the United States. Annual Meeting of the American Public Health Association, Virtual. October 24-28 2020
- (22) Kellstedt D, Washburn D and Maddock J. Household Motor Vehicle Ownership and Obesity among Indian Women and Men: 2005-2016. Active Living Conference Annual Meeting, Orlando, Florida. February 2-5, 2020.
- (23)* Lau C, Shore R, Pendleton D, Behlen J, Mustapha T, Garcia-Rhodes D, Myers A, Brar A, Vargas T, Secrest J, Li Y, Zhang R, Rodrigues Hoffmann A, Harvey N and Johnson NM. A Mouse Model of in Utero Ultrafine Particulate Matter Exposure and Infant Respiratory Syncytial Virus Disease. 2020 Society of Toxicology Annual Meeting, Anaheim, California. March 15-19, 2020.
- (24) Lee SD, Ory MG, Wilson AD, Aguirre A, Reuter K, Geltman JN, Hilsabeck R and Smith ML. Coordinated Approaches to Protecting Vulnerable Populations in Technology-Driven Dementia Care Research: Lessons Learned from Multi-Site Institutional Review Board Compliance. Texas Alzheimer's Research and Care Consortium Investigators Symposium, Austin, Texas. January 30, 2020.
- (25) Lee WC, Hutchison R, Lin S and Kuo Y-F. Opioid Usage Patterns. 2020 Data Blitz Symposium at Prairie View A&M, Prairie View, Texas. February 2020.
- (26) Lee S, Washburn D, Colwell B, Gwarzo I, Kellstedt DK, Ahenda P and Maddock J. Social Determinants of Undiagnosed Diabetes in Namibia and South Africa. 2020 American Association for Health Behavior Annual Meeting, Virtual. June 28 - July 1, 2020.
- (27) Maddock J, Neufeldt S and Kellstedt D. Content Analysis of Active Living Themes in State of the City Speeches among Large US Cities. Active Living Conference Annual Meeting, Orlando, Florida. February 2-5, 2020.
- (28) *McBee D, Behlen J, Mustapha T, Pendleton D, Drury N, Lau C, Shore R and Johnson NM. Targeting Airf2 through Lactational Transfer of Sulforaphanez Implication for Respiratory Syncytial Virus Severity in a Neonatal Mouse Model. 2020 Society of Toxicology Annual Meeting, Anaheim, California. March 15-19, 2020

Appendix B

- 29) *McNulty A, Landry T, Beasley B, Soria SC, Karsky S, Reuter S and Fischer RSB. The Association between Weather and Incidence of Zoonotic & Vector-Borne Diseases in the U.S. High Impact Practices in the States (HIPS) National Conference, College Station, Texas. February 18-21, 2020.
- 30) Mendoza-Sanchez I and Perez-Valdespino A. Impact of Flooding on Antibioticresistance in Soils from Public Parks. NIEHS PEPH 2020 Annual Meeting: Past, Present, and Future, Durham, North Carolina. February 12-13, 2020.
- (31) Merianos AL, Sherman LD, Goidel RK, Mahabee-Gittens EM and Smith ML. Current Tobacco Product use Patterns and overall Health Status among U.S. racial/ethnic Minority Men with Chronic Health Conditions. Society for Research on Nicotine and Tobacco Annual Conference, New Orleans, Louisiana. March 11-14, 2020.
- (32) Motta M, and Callaghan T. The Pervasiveness and Policy Consequences of Medical Folk Wisdom in the U.S. Annual Meeting of the Society for Personality and Social Psychology Annual Convention, New Orleans Louisiana. February 27-29 2020.
- (33) *Mustapha T, Drury N, Liu Y, McDonald TJ and Johnson NM. Direct Quantification Method for S-Phenyl Cysteine Benzene Oxide Hemoglobin Adduct. 2020 Society of Toxicology Annual Meeting, Anaheim, California. March 15-19, 2020.
- (34) Myint WW, Washburn DJ and Maddock J. Awareness of Male Condoms as a Contraceptive Method among Women in Four Southeast Asian Countries. Houston Global Health Collaborative Annual Conference, Houston, Texas. February 25, March 4, 2020.
- (35) Nabil A, Ohsfeldt RL and Barry A. Vaping: Predictors of Actual and Perceived use Behavior among u.s. College Students. American Academy of Health Behavior, Napa, California. March 8-11, 2020.
- (36) Primm K, Callaghan T, Ferdinand A, Akinlotan M, Khodakarami N and Bolin J. Urban-Rural Trends in HIV and Opioid Related Mortality in the United States, 1999-2018. AcademyHealth Annual Research Meeting, Virtually. July 28 - August 6, 2020.
- (37) Prochnow T, Umstattd Meyer MR, Delgado H, Johnson C, Gomez L and Sharkey J. Promotora Partnerships in the Creation of the ¡Haz Espacio Para Papi! Program to Engage Mexican-Heritage Youth and Fathers. Active Living Conference Annual Meeting, Orlando, Florida. February 2-5, 2020.
- (38) Roh T and Carrillo G. Arsenic Exposure and Measles Antibody Titers in US Children: NHANES 2003-2004 and 2009-2010. 32nd Annual Conference of the International Society for Environmental Epidemiology, Virtual Meeting. August 24-27 2020.
- (39) Roman-Hubers A, Cordova A, Rhode A, McDonald T, Baker E, Lloyd D, Wright F, Chiu W and Rusyn I. Identification of Polycyclic Aromatic Hydrocarbons (PAHs) in Complex Mixtures using Non-Target High Throughput Analysis using Ion Mobility Spectrometry-Mass Spectrometry (IMS-MS). NIEHS Superfund Research Program Annual Meeting, Virtual. December 14-15, 2020.
- (40) Shah NC, Hasan NT and Roh T. Trends in Arsenic Exposure among the US Population: Findings from the National Health and Nutritional Examinations Survey, 2007-2016. 2020 International Society for Environmental Epidemiology Annual Conference, Virtual. August 24-27, 2020.
- (41) *Shore R, Lau C, Mustapha T, Pendleton D, Drury N, Harvey N, Li Y, Zhang R, Rodrigues Hoffmann A and Johnson NM. The Role of Long Non-Coding RNA, MALAT1, in Regulation of Oxidative Stress and Inflammation in a Mouse Model of Infant for Respiratory Syncytial Virus Infection. 2020 Society of Toxicology Annual Meeting, Anaheim, California. March 15-19, 2020.

- (42) Smith ML, Barrett ME, Eagle LA and Lachenmayr S. Associations of Psychiatric Disorders and Social Isolation Risk among Community-Dwelling Older Adults in the United States. 2020 Federation of European Neurosciences Societies Forum of Neuroscience, Virtual. July, 11-15, 2020.
- (43) Smith ML, Barrett ME, Eagle LA, Lachenmayr S and Vieira ER. Associations of Frailty Indicators and Social Isolation Risk among Community-Dwelling Older Adults in the United States. International Conference on Frailty and Sarcopenia Research, Toulouse, France. March 11-13, 2020.
- (44) Smith ML, Bergeron CD, Barrett ME, Eagle LA and Lachenmayr SB. Influence of Driving and Transportation Access on Social Isolation Risk among Older Adults. Gerontological Society of America Annual Meeting, Virtual. November 4-7, 2020
- (45) Smith ML, Sherman LD, Cauley DA, Badillo BE and Goidel RK. Pneumococcal Pneumonia Vaccination among Older African American and Hispanic Men with Chronic Conditions. Gerontological Society of America Annual Meeting, Virtual. November 4-7, 2020.
- (46) Smith ML, Steinman LE, Barrett ME, Eagle LA, Lachenmayr S and Belza B. Associations of Depression and Social Isolation Risk among Adults Age 60 and Older. Gerontological Society of America Annual Meeting, Virtual. November 4-7, 2020.
- (47) "Son C, Peres SC and Sasangohar F. New Wine in New Cups: Measuring Operator Performance for Safety-II Perspective. 16th Global Congress on Process Safety, Virtual. August 17-21, 2020.
- (48) *Son C, Sasangohar F and Peres, S.C., Moon, J.. Characteristics of Resilient Incident Management Teams during an Extreme Event: A Case Study of Hurricane Harvey. 2nd Texas Disaster Management Symposium, College Station, Texas. February 12. 2020.
- (49) Spruance L, Bennion NG,G. and Maddock J. An Effective Educational Intervention for Improving the Youth Sports Food Environment. Active Living Conference Annual Meeting, Orlando, Florida. February 2-5, 2020.
- (50) *Uwak I, Ramani T, Johnson NM, Jaikumar R, Aguilera J, Ramirez I, Whigham L, Li W and Vallamsundar S. Exposure Assessment of Traffic-Related Air Pollution in El Paso, Texas, using Personal and Ambient Monitoring. 2020 Society of Toxicology Annual Meeting, Anaheim, California. March 15-19, 2020.
- (51) Washburn D, Callaghan T, Schmit C, Martinez D, Thompson E and LaFleur M. Community Health Worker Integration with Other Health Professionals in Rural and Urban Settings in the United States. AcademyHealth Annual Research Meeting, Virtually. July 28 - August 6, 2020.
- (52) Yoshikawa A, Smith ML and Ory MG. Associations between Social Engagement and Physical Activity among Community-Dwelling Older Adults with Dementia. Annual Conference of the Gerontological Society of America, Virtual. November 4-8, 2020.
- (53) Zanwar P, Horner-Johnson W, Davis M and Quinones A. Disparities in Evidence-Based Cervical Cancer Screening in Younger and Middle-Aged Women: By Disability and Race-Ethnicity. AcademyHealth Annual Research Meeting, Virtually. July 28 - August 6, 2020.
- (54) Zanwar P, Wood E and Gimm G. Examining Access & Factors for Preventive Service use in Community-Dwelling Older Adults with Cognitive Disability. American Public Health Association 2020 Annual Meeting, Virtual. October 24-28, 2020.



Appendix C

- *Ajayi K, Giannouchos T and Ma P. Age Differences in the Association between Pregnancy and Depression among the US Reproductive-Aged Women. American Public Health Association 2020 Annual Meeting, Virtual. October 24-28, 2020.
- (2) *Akinlotan M, Ferdinand A, Bolin J, Primm K and Khodakarami N. Rural-Urban Differences in Travel Burdens for Medical and Dental Care: Analysis of the 2017 National Household Travel Survey. American Public Health Association 2020 Virtual Annual Meeting and Expo. October 24-28, 2020.
- (3) Akinlotan M, Khodakarami, N, Primm, K., Callaghan T, Valdi M, Bolin J and Ferdinand A. Trends in Hospitalization for Human Immunodeficiency Virus (HIV) and Opioid use Disorders Along the Urban-Rural Continuum. National Rural Health Association Annual Conference, Virtual. June 17-19, 2020.
- (4) Alonzo JP, Lopez J, Smith ML and Ory MG. Feasibility of an Emergency Mass Prophylaxis Strategy using a Mixed Point of Dispensing (POD) Units Augmented by POD Units in Rural Texas. Texas Emergency Management Conference, Virtual. May 18-21, 2020.
- (5) Andreyeva E and Kash BA. The Effect of Rural Hospital Closures on Healthcare Access and Health Outcomes. 2020 APPAM Fall Research Conference, Virtual. November 11-13,2020.
- (6) *Baek J, Kash BA, Xu X, Benden M, Roberts J and Carrillo G. Profile of High Utilizers in Pediatric Asthma Hospitalization: Identifying Individual and Environmental Characteristics. American Public Health Association 2020 Virtual Annual Meeting and Expo. October 24-28, 2020.
- (7) *Baek J, Kash BA, Xu X, Benden M, Roberts J and Carrillo G. Effect of Ambient Air Pollution on Hospital Readmission for Pediatric Asthma in South Texas: A Case-Crossover Study. American Public Health Association 2020 Virtual Annual Meeting and Expo. October 24-28, 2020.
- (8) Bergeron CD, Goltz HH and Smith ML. Factors Associated with Four Sexual Behaviors among married/partnered Women Age 60 and Older. American Public Health Association 2020 Annual Meeting, Virtual. October 24-28, 2020.
- (9) Beverly J and McMaughan D. Individuals with Autism Spectrum Disorders and Contact with Law Enforcment. American Public Health Association 2020 Annual Meeting, Virtual. October 24-28, 2020
- (10) Callaghan T, Schneider M and Sylvester S. The Development of Politicized Collective Identity and Consequences for Participation. Annual Meeting of the Southern Political Science Association, San Juan, Puerto Rico. January 9 - 11 2020.
- (11) Callaghan T, Haeder S and Sylvester S. Surprise! Understanding American Experiences with Surprise Medical Bills. Annual Meeting of the American Political Science Association, Virtual. September 10-13, 2020.
- (12) Callaghan T, Haeder S and Sylvester S. Surprise! Understanding American Experiences with Surprise Medical Bills. Association for Public Policy Analysis and Management Annual Meeting, Virtual. November 11-13 2020.
- (13) Carrillo G. Integrated Education in Children with Asthma in Corpus Christi, Texas. Driscoll Children Hospital, Corpus Christi, Texas. February 15, 2020.
- (14) Cheng KJ, McMaughan DK and Smith ML. The Mediating Role of Optimism on Relationship of Activities of Daily Living and Wellbeing among Older Adults. Gerontological Society of America Annual Meeting, Virtual. November 4-7, 2020.
- (15) Clendenin AG. Putting the "Prepared" in Public Health
 Preparedness: A Team-Based Learning Approach to Public
 Health Emergency Preparedness. Association of Schools and
 Programs of Public Health Annual Conference, Virtual. April 3,

- (16) DuPont-Reyes MJ, Villatoro AP, Phelan JC, Painter K and Link BG. Estimating School race/ethnic Enrollment Effects on Student Mental Health: Density Versus Diversity as a Risk Or Protective Factor. 2020 American PsychoPathological Association Annual Meeting, Virtual. March 5-7, 2020.
- (17) Fan Q, Ma P, Hossain MM, Tasnim S, Guo B, Shah N and Jin X. Prevalence and Correlates of Mental Illness and Suicidal Thoughts and Behaviors among US Young Adults. American Public Health Association 2020 Annual Meeting, Virtual. October 24-28, 2020.
- (18) Fazlul I, Courtemanche C, Yelowitz A, Ukert B, Zapata D and Marton J. Five Year Impact of ACA on Insurance Coverage. 9th Annual Conference of the American Society of Health Economists, Virtual. June 7-10, 2020.
- (19) Feng K, Zanwar P, Behzadan AH and Chaspari T. Exploring Speech Cues in Web-Mined COVID-19 Conversational Vlogs. 28th ACM International Conference on Multimedia, Virtual. October 12-16, 2020.
- (20) Ferdinand A, Primm K, Callaghan T, Akinlotan M, Khodakarami N, Valdi M and Bolin J. Opioid use Disorder and Human Immunodeficiency Virus (HIV)-Related Mortality: Evidence from the CDC WONDER Database. National Rural Health Association Annual Conference, Virtual. June 17-19, 2020.
- (21) Griffith JM. "the Rest of the Story..." Connecting Core Concepts to News Stories. Lilly Evidence-Based Teaching and Learning Conference, Austin, Texas. January 9-11.
- (22) Han D and Han G. Factors Predicting Survival in Thick Melanoma: Do all Thick Melanomas have the Same Prognosis? American College of Surgeons Oregon/Washington Annual Meeting, Virtual. September 26-26, 2020.
- (23) Han D, Han G, Leong SP, Kashani-Sabet M, Vettol J, White R, Schneebaum S, Pocka B, Mozzillo N, Sondak VK and Zager JS. Factors Predicting Survival in Thick Melanoma: do all Thick Melanomas have the Same Prognosis? 15th Annual Academic Surgical Congress - Orlando, Florida. February 4-6, 2020.
- (24) Han G. Quantification of Heterogeneity from Pathologists in the Assessment of the PD-L1 Assay in Breast Cancer and Lung Cancer. 2020 Statistical Practice in Cancer Conference, Tampa, Florida. February 28-29, 2020.
- (25) Hatten CF, DuPont-Reyes MJ, Gonzalez T, Murillo R, Echeverria S and Vasquez E. Job Strain and Mental Health among Older Adults: Results from the National Health Interview Survey. The Gerontological Society of America 2020 Annual Scientific Meeting, Virtual. November 4-7, 2020.
- (26) *Hossain MM, Fan Q, Nuzhath T, Tasnim S, Chakraborty S, Rahman MS, A., Ma P, McKyer EL and Ramirez G. Prevalence and Risk Factors of Maternal Depression in Low and Middle-Income Countries: An Umbrella Review of Systematic Reviews and Meta-Analyses. American Public Health Association 2020 Annual Meeting, Virtual. October 24-28, 2020.
- (27) *Hossain MM, Tasnim S, Rahman M, Chakraborty S, Nuzhath T, Fan Q, Ma P and McKyer EL. Interventions for Preventing Female Genital mutilation/cutting: An Umbrella Review and Realist Synthesis of Global Evidence. American Public Health Association 2020 Annual Meeting, Virtual. October 24-28, 2020.
- (28) *Hossain MM, Tasnim S, Sultana A, Fan Q, Tomar A, Purohit N, McKyer EL, Ramirez G and Ma P. Applications of Artificial Intelligence Technologies in Opioid Research and Practice: An Evidence-Based Systematic Review. American Public Health Association 2020 Annual Meeting, Virtual. October 24-28, 2020.
- (29) Jacobs W, Fajayan A, Cabral K, Montgomery L, Smith ML and Merianos AL. E-Cigarette and Marijuana use and Injury and Violent Behaviors among Adolescents Nationwide: Results from the 2017 Youth Risk Behavior Survey. American Public Health Association 2020 Annual Meeting, Virtual. October 24-28, 2020.

Appendix C

- 30) Karim M, Ohsfeldt RL, Singal AG and Kum HC. Out-of-Pocket Expenditure, Probability of Underinsurance and Health Services Utilization among Non-Elderly Cancer Survivors. American Association for Cancer Research Annual Meeting 2020, Virtual. April 27-28, 2020 and June 22-24, 2020.
- (31) Karim M, Ohsfeldt R, Khodakarami N, Kum HC and Simon K. Association of Sociodemographics with Out-of-Pocket Expenditure (OOP) and Underinsurance in Skin Cancer Survivors. 9th Annual Conference of the American Society of Health Economists, Virtual. June 7 - 10, 2020.
- (32) Karim M, Ohsfeldt R, Khodakarami N and Kum HC. Association of Sociodemographics with Out-of-Pocket Expenditure (OOP) and Underinsurance in Skin Cancer Survivors. 9th Annual American Society of Health Economists Conference, Virtual. June 7-10, 2020.
- (33) Kellstedt D, Spengler J, Bradley K and Maddock J. Comparing Objective and Perceived Measures of Bikeability on a University Campus. Active Living Conference Annual Meeting, Orlando, Florida. February 2-5, 2020.
- (34) Lachenmayr S, Eagle LA, Barrett ME and Smith ML. Identifying Upstream Risk for Social Isolation and Taking Steps for Prevention. National Association of Area Agencies on Aging (n4a) Conference and Tradeshow, Virtual. July, 11-15, 2020.
- (35) Lachenmayr S, Eagle LA, Barrett ME and Smith ML. Take Action Now: How to Identify and Reduce Social Isolation in Older Adults. National Association of Area Agencies on Aging (n4a) Conference and Tradeshow, Virtual. July, 11-15, 2020.
- (36) Lachenmayr S, Eagle LA and Smith ML. Multiple Strategies to Reach Community-Dwelling Older Adults Who may be at Risk of Malnutrition. National Association of Area Agencies on Aging (n4a) Conference and Tradeshow, Virtual. July, 11-15, 2020.
- (37) Lee S, Ory MG, Vollmer Dahlke D, Shubert T, Popovich S and Smith ML. Conservation of Resources Theory: Technology and Caregiver Strain. Annual Conference of the Gerontological Society of America, Virtual. November 4-8, 2020.
- (38) Lee S, Smith ML, Vollmer Dahlke D, Shubert T, Popovich S and Ory MG. Technology use Patterns and Device Adoption among Caregivers and Care Recipients. American Public Health Association 2020 Annual Meeting, Virtual. October 24-28, 2020.
- (39) Li W, Lee C, Xu M, Lee S, Zhong H, Won JW, Towne SD, Zhu X and Ory MG. Using Spatio-Cultural Strategies to Recruit Health Research Participants: Lessons from a Natural-Experiment Study in El Paso, Texas. Active Living Research Annual Conference, Orlando, Florida. February 2-5, 2020.
- (40) Lin S and Skrla S. Let Me show You how! using Video to Promote Active Learning. Lilly Conference on Evidence-Based Teaching & Learning, Austin, Texas. January 9-11, 2020.
- (41) Ma P, Fan Q, and Hossain MM. Prevalence and Correlates of Substance use and Co-use among Women of Reproductive Age in the United States: 2008-2018. American Public Health Association 2020 Annual Meeting, Virtual. October 24-28, 2020.
- (42) Ma P, Fan,Q, and Hossain,M.M. Examining Substance-Impaired Driving among a US Nationally Representative Sample Aged 16 Years and Older, 2016-2018. American Public Health Association 2020 Annual Meeting, Virtual. October 24-28, 2020.
- (43) Ma P, Fan,Q, Hossain,M.M., Roque M and Chen LS. The Prevalence and Determinants of Substance use among Asian Americans: Evidence from National Survey of Drug use and Health. American Public Health Association 2020 Annual Meeting, Virtual. October 24-28, 2020.
- (44) Ma P, Fan,Q, Hossain,M.M., Roque M and Chen LS. Mental Health and Specialty Mental Health Service Utilization among Asian Americans in the United States: 2008-2018. American Public Health Association 2020 Annual Meeting, Virtual. October 24-28, 2020.

- (45) Ma P, Fan Q, Nuzhath T and Colwell B. Tobacco use & Substance use Co-use among Pregnant Adolescents & Young Adults in the United States, 2008-2018. 2020 Society for Research in Nicotine & Tobacco Annual Meeting, Virtual. March 11-14, 2020.
- (46) Maddock J. Developing Health Behavior Change Scales for Health and Nature. 2nd Annual Health & Nature Symposium, Virtual. October 7, 2020.
- (47) Mitchell A, Yeskey K, Jaitly N and Gibbs SG. Infectious Disease Training Technical Workshop. A Vision for 2025. Training Program Looking to the Future Virtual Conference. September 22-24, 2020.
- (48) Moreno-Rangel AB, J, Roh T, Cabrera-Conner L and Carrillo G. Household Intervention to Improve Indoor Air Quality and Health of Children with Asthma in the US-Mexico Border: A Pilot Study. American Public Health Association 2020 Virtual Annual Meeting and Expo. October 24-28. 2020.
- (49) Motta M, and Callaghan T. The Pervasiveness and Policy Consequences of Medical Folk Wisdom in the U.S. Annual Meeting of the Southern Political Science Association, San Juan, Puerto Rico. January 9 - 11 2020.
- (50) Motta M and Callaghan T. The Pervasiveness and Policy Consequences of Medical Folk Wisdom in the U.S. Annual Meeting of the American Political Science Association, Virtual. September 10-13, 2020.
- (51) Nsobundu C, Nmada Y, Wagle N, Foster M, Burdine J, Ory MG, McKyer L and Sherman L. Process Evaluations of Traditional, Group-Based Diabetes Self-Management Education Programs: A Systematic Review of the Literature. American Public Health Association 2020 Annual Meeting, Virtual. October 24-28, 2020
- (52) Nuzhath T, Fan Q, Hossain MM, Ma P and Colwell B. Prevalence, Sources and Associated Risk Factors of Prescription Opioid Misuse among Adolescents and Young Adults in the United States, 2015-2018. American Public Health Association 2020 Annual Meeting, Virtual. October 24-28, 2020.
- (53) Ory MG. Applications of Technology to Dementia Prevention, Treatment and Care. Texas Alzheimer's Research and Care Consortium Investigators Symposium, Austin, Texas. January 30, 2020.
- (54) Ory MG, Lee S and Jani S. Impact of COVID-19 on University-Based Aging Research. American Public Health Association 2020 Annual Meeting, Virtual. October 24-28, 2020.
- (55) Ory MG, Towne SD, Yoshikawa A, Zhu X, Lu Z, Xu M and Lee C. Impact of COVID-19 on Caring for Persons with Dementia: Interactions with the Community Environment. American Public Health Association 2020 Annual Meeting, Virtual. October 24-28, 2020.
- (56) Pentecost R, Maddock J and Lee C. Design 4 Health. September 14, 2020. Annual Symposium for the College of Architecture, Texas A&M University, Virtual.
- (57) Peres SC. Is Attentional Shift the Problem (Or Something Else) with Hazard Statement Compliance? an Experimental Investigation using Eye-Tracking Technology. 2020 Mary Kay O'Connor Process Safety Symposium, Virtual. October 19-21 2021.
- (58) *Primm K, Garney W, Ferdinand A, Barry A, McCord C and Patterson M. Impacts of the Dependent Coverage Provision on Access to and Utilization of Substance use Disorder Treatment: An Urban Rural Comparison. American Public Health Association 2020 Virtual Annual Meeting and Expo. October 24-28, 2020.
- (59) *Primm K, Garney W, Ferdinand A, Barry A, McCord C and Patterson M. Examining the Impact of the ACAs Dependent Coverage Provision on Utilization of Mental Mealth Treatment among Urban and Rural Populations. American Public Health Association 2020 Virtual Annual Meeting and Expo. October 24-28, 2020.

Appendix C

- (60) Prochnow T, Delgado H, Patterson MS, Sharkey J and Umstattd Meyer MR. Associations between Child Play Networks, Sedentary Time, and Moderate-to-Vigorous Intensity Physical Activity in Mexican-Heritage Colonias. American Public Health Association 2020 Annual Meeting, Virtual. October 24-28, 2020
- (61) Prochnow T, Delgado H, Patterson MS, Sharkey J and Umstattd Meyer MR. Child Play Network Influences on Physical Literacy in Mexican-Heritage Colonias. 2020 Conference on the Value of Play, Virtual. March 29-April 1, 2020.
- (62) Rahn RN, Clark HR and Sherman LL. Investigating Obesity Perceptions in College Students Majoring in Health and Health-Related Fields: Pilot Study Results. Texas A&M University and Prairie View A&M University 2020 Data Blitz Symposium, Waller, Texas. January 2020.
- (63) *Regan AK, Uppului M, Kaur R and Fischer RSB. Maternal Morbidity & Mortality Associated with Dengue Virus Infection during Pregnancy: A Systematic Review. 8h Annual Houston Global Health Collaborative Conference, Houston, Texas. March 6-7, 2020.
- (64) Roh T. Grow it Yourself: The Effect of Hydroponic Vegetable Gardening on Improving Quality of Life in Cancer Patients and their Caregivers. 2020 Center for Health and Nature Symposium, Virtual. October 7, 2020.
- (65) Schmit C, Washburn D, LaFluer M, Martinez D, Thompson E and Callaghan T. State Law Frameworks for CHW Funding, Payment, and Reimbursement. Interdisciplinary Association for Population Health Sciences Annual Meeting, Virtual. September 30-October 2, 2020.
- (66) Smith ML, Barrett ME, Eagle LA, Lachenmayr S and Washington TR. Contextualizing Social Isolation Risk among Informal Caregivers Age 60 and Older. American Public Health Association 2020 Annual Meeting, Virtual. October 24-28, 2020.
- (67) Smith ML, Sherman LD, Mingo CA, Washington TR, Lee S and Goidel RK. Adherence to Referrals from Healthcare Providers to Attend Disease prevention/management Programs among African American and Hispanic Men with Chronic Conditions. National Association of Area Agencies on Aging (n4a) Conference and Tradeshow, Virtual. July, 11-15, 2020.
- (68) *Son C, Peres SC and Sasangohar F. Two Views of Evaluating Procedural Task Performance: A Transition from Safety-I to Safety-II Approach. 2020 Mary Kay 07'Connor Process Safety Symposium, Virtual. October 19-21 2021.
- (69) Towne SD, Ory MG, Li W, Xu M, Bian J and Lee C. Social and Structural Determinants of Forgone Medical Care among Potentially Vulnerable Populations Residing Along the US-Mexico Border. American Public Health Association 2020 Annual Meeting, Virtual. October 24-28, 2020.
- (70) Towne S, Lee S, Smith ML, Han G, Du D, Yoshikawa A and Ory M. Differential Intervention Effects Tied to Place of Residence: Greater Returns on Investment among Rural Residents. Active Living Research Annual Conference, Orlando, Florida. February 2-5, 2020.
- (71) Towne SD, Li W, Ory MG, Xu M, Zhu X, Bian J and Lee C. Factors Associated with Adequate Weekly Moderate-to-Vigorous Physical Activity among Lower Income Hispanic Adults Residing Near the US-Mexico Border. Active Living Research Annual Conference, Orlando, Florida. February 2-5, 2020.
- (72) Turcott RJ, Butler N and Smith ML. Finding Foreigners: Examining U.S. College Basketball Coaches' International Recruitment Strategies. 2020 North American Society for Sport Management Conference, Virtual. May 27-30, 2020.
- (73) Villatoro AP, DuPont-Reyes MJ, Pinedo M, Parra-Cardona R and Link BG. Preventing Stigma and Promoting Services for Substance use Problems: A Research Agenda. 2020 American PsychoPathological Association Annual Meeting, Virtual. March 5-7, 2020.

- (74) Wilson MG, DeJoy DM, Vandenberg RJ, Padilla HM, Haynes NJ, Zuercher H, Corso PS, Lorig K and Smith ML. Six-Month Benefits from Workplace CDSMP Participation among Employees with Chronic Conditions. National Association of Area Agencies on Aging (n4a) Conference and Tradeshow, Virtual. July, 11-15, 2020.
- (75) Woodruff S, Portney K, Sansom G, Hannibal B and Feiock R. Comparison of Resilience Policies and Programs Across U.S. Cities. Southern Political Science Association Annual Conference, San Juan, Puerto Rico. January 9-11, 2020.
- (76) Xu M, Lee C, Li W, Bian J, Zhu X, Towne SD and Ory MG. The Effect of Bus Rapid Transit on Walking, BMI, and Physical Activity. Active Living Research Annual Conference, Orlando, Florida. February 2-5, 2020.
- (77) Xu M, Zhu X, Lee C, Towne SD, Lu Z and Ory MG. Assessing the Market Demand of Walkable Neighborhoods. Active Living Research Annual Conference, Orlando, Florida. February 2-5, 2020.
- (78) Zheng Q. Let Master of Public Health Students Experience Statistical Reasonining. 22nd Annual International Conference on Education, Virtual. May 18-21, 2020.
- (79) Zheng Q. Improving the Teaching of Biostatistics in an Online Master Degree Program in Epidemiology. 5th International Conference on Distance Education and Learning, Virtual. May 22-25. 2020.



Epidemiology & Biostatistics

Clendenin, Angela Ph.D Instructional Assistant Professor Risk Communication; Decision Analysis; Emergency Management and Emergency Communications; Cultural/Social Influences on Communication/DecisionMaking; Public Health Preparedness and Response for Refugee Populations; Communications Measurement and Assessment; Teaching as Research.

DuPont-Reyes, Melissa Ph.D Assistant Professor Childhood Violence Victims and Psychological and Developmental Repercussions of Childhood Violent Crimes or Events. Spanish Media and Health Outcomes.

Fischer, Rebecca Ph.D Assistant Professor Tropical Diseases/Viruses. Parasitic Diseases (not vaccine-preventable). Defining Trends & Epi. Infectious Diseases. Leptospirosis. Field Epidemiology of Disease.

Gorman, Dennis Ph.D Professor Alcohol and Drug Availability and Violence; Alcohol and Drug Prevention Policies; System Methodologies; Science and Pseudoscience in Public Health Research.

Han, Daikwon Ph.D Associate Professor Spatial Epidemiology; GIS & Spatial Analysis Methods; Environmental Health/ Exposure Science; Environmental Justice and Health Disparities; Healthcare Access; Population Studies/Spatial Demography.

Han, Gang Ph.D Associate Professor Biostatistics. Personalized Medicine and Development of Methods. Survivor Analysis. Trial Design for Clinical Trial Methods. Time to Event Data Analysis. Economically and Ethically Reduce Time of Clinical Trials.

Kalbasi, Shaida Ph.D Instructional Assistant Professor Health Disparities, Women's Health, Quality of care for Immigrants, and Racial Minorities, Effect of Discrimination, and Race Relations on Health outcomes. Perez-Patron, Maria Ph.D Research Assistant Professor Secondary Data Analysis. Minority & Immigrant Health. Demographics Population Analysis (Rural & Urban). Fertility & Mortality. Gestational Diabetes (Interventional).

Regan, Annette Ph.D Assistant Professor Vaccine Epidemiology, Vaccine Safety, Respiratory Infections. Maternal, Infant and Child Health, Birth Spacing, Preterm Birth & Stillbirth, Digital Health Tools.

Roh, Taehyun Ph.D Assistant Professor Arsenic and Water pollution of water supplies. Clean Water Access in Rural Populations. Toxicology and Environmental Health.

Taylor, Nicholas Ph.D Assistant Professor Molecular Epidemiology of Cancer -Melanoma and Breast Cancer; Study Design and Conduct.

Xu, Xiaohui Ph.D Department Head, Associate Professor Air pollution epidemiological studies. Susceptible population to environmental exposures modified by genetics, pre-existing health conditions, and coexposure to other factors, etc. Maternal and child health. Environmental exposure assessment. Spatial epidemiology.

Zhao, Hongwei Ph.D Professor Survival analysis and longitudinal data analysis, Quality-adjusted lifetime estimation, and costeffectiveness analysis conducted with censored data, Problems arising from correlated data from longitudinal studies, and multilevel epidemiological studies.

Zheng, Qi Ph.D Professor Mathematical Modeling of Biological Processes. Applied Statistical Processes. Application of Computer Algebra. Microbial Mutation Rates & Methods for Analysis.

Environmental & Occupational Health

Appiah, Bernard Ph.D Assistant Professor Public Health Communication/Writing, Global Health, Public Health Research Methods, Patient/Health Advocacy. Public Engagement; Communication; mHealth and Mass Media Interventions for Behavior Change; Global Health; Knowledge Dissemination; Design, Implementation, and Evaluation of Socio-behavioral Interventions; Social Network Analysis; Mixed Methods.

Benden, Mark Ph.D Department Head, Associate Professor Human Factors, Safety Engineering, Process Safety Management, and Ergonomics Office worker obesity, classroom ergonomics and childhood obesity, medical device development and testing, and rehabilitation engineering.

Carrillo, Genny M.D., Sc.D Associate Professor

Border Environmental Health Risk Management and Communication. Public health and US-Mexico Border Health issues with a special interest in interactions of human health and the environment, asthma in school children, and home safety and healthy homes.

Cizmas, Leslie Ph.D Instructional Assistant Professor Basic Environmental Toxicology, Global Health.

Gibbs, Shawn PhD, MBA, CIH Dean Ebola, antibiotic resistance, highly infectious disease management, biocontainment, industrial hygiene, personal protective equipment Johnson, Dennis MPH, CIS, CPH.
Graduate Program Manager
Crisis Management/Emergency Response,
HSE Leadership and Management Systems,
Accident Investigation and Prevention,
Exposure Assessment, and Control.

Johnson, Natalie Ph.D Associate Professor Environmental & Occupational Diseases, Environmental Health & Toxicology, Mechanisms of Disease Prevention. Environmental carcinogens; Environmental health disparities; Exposure to foodborne (aflatoxins) and environmental carcinogens (polycyclic aromatic hydrocarbons); Chemoprevention; Development of biomarkers of exposure to traffic-related air pollution; Prenatal exposure to air pollution and associated epigenetic changes; Dietary interventions to prevent environmentally-induced asthma; Population-based animal models of allergic airway disease.

Maddock, Jay Ph.D Professor Health, Wellness, and Physical Activity, Diet, SocialEcological Approaches to Increasing Physical Activity; Nutrition, Tobacco Use, and Global Health.

McDonald, Thomas Ph.D Regents Professor

Environmental Measurements/Chemistry. Environmental chemistry, petroleum geochemistry, and general organic chemistry.

Environmental & Occupational Health

Mendoza-Sanchez, Itza Ph.D Assistant Professor Mathematical and Experimental Models for Assessing Transport; Organics Trapped and absorbed in Soils as a Source Zone of Groundwater Contamination; Water Balance Modeling. Environmental Engineering. Models of Contaminants in Groundwater. Antibiotics in Food Production & Groundwater. Antibiotic Resistance.

Ory, Marcia Ph.D Regents & Distinguished Professor / Associate Vice President for Strategic Partnerships (TAMHSC) / Public Health Interventions. Aging and Health promotion. Chronic Disease Management; Health Technology and Community Engagement. Translational research.

Peres, S. Camille Ph.D Associate Professor

Human Factors, Research Methods, Alternative Displays. Biomechanics of Human-computer interactions, Design guidelines for auditory displays, and usability of home health care technology. Worker safety, human systems integration, human systems engineering, ergonomics, procedures, engineering psychology, occupational safety.

Pickens, Adam Ph.D Instructional Assistant Professor Occupational Safety, Industrial Hygiene, Ergonomics, and Biomechanics. Ergonomic tool development; Occupational safety screening/tool development, Upper extremity modeling; Manual materials handling, and Occupational biomechanics.

Antonio Rene Ph.D Associate Professor Occupational/Environmental, Chronic Disease Epidemiology.

Sansom, Garret Ph.D Research Assistant Professor Environmental health policy and planning, Community Resilience, Sustainable development, and public health, Field research methods, Community engagement strategies.

Sharma, Virender Ph.D Professor Environmental, Physical, Analytical Chemistry. IronBased Oxidants (Ferrates and Ferrites), Kinetics and Mechanism of High-Valant Transition Metals, Advanced Oxidation Methods, Solar-Based Photoactive Materials in Water Treatments, Green Synthesis of Nanoparticles, Formation, Fate, and Toxicity of Nanoparticles in the Aquatic Environment.

Smith, Matthew Ph.D Associate Professor. Health Risk Behaviors Across the Life Course; Evidence-based Programming for Older Adults; Program Evaluation; Measurement; Survey Research Methodology. Public health systems and service research; Rural health, health policy, and vulnerable populations; Nutrition, physical activity, obesity, and related conditions; Educational pedagogy, particularly around writing skills in health professions.

Health Promotion & Community Health Sciences

Burdine, James Ph.D Interim Department Head / Professor Community Health Development; Community Organization and Assessment; Community Health Status Assessment. Measurement of factors influencing community capacity for population health improvement and community health development strategies, particularly community health needs assessment.

Clark, Heather DrPH Director of Public Health Practice / Research Associate Professor

Building Community Capacity to Solve Problems. Grassroots Causes. Social Norms & Values, Partnerships with Community. Rural Access to Care. Physical & Mental Health. Diabetes & Opioid Abuse.

Colwell, Brian Ph.D Professor Social Ecology and Health Behavior; Seminar on Alcohol, Tobacco, and Other Drugs. Adolescent smoking cessation; school health education; youth smoking prevention; adolescent mental health and substance abuse.

Delgado-Rendon, Angelica Ph.D Instructional Assistant Professor Entertainment education projects such as telenovelas and fotonovelas to educate communities about various health topics.

Flores, Krystal Ph.D Instructional Assistant Professor Maternal and Child Health, Border Health (Rio Grande Valley, TX), Adolescent Pregnancy Prevention along the Texas - Mexico Border, Health disparities among vulnerable populations (including Latinas, adolescents, and immigrant children).

Garcia, Robert Ph.D Instructional Assistant Professor Community-based approaches to cancer prevention in Latino populations (the US and abroad), Development of culturally appropriate and relevant interventions for diverse populations, Creation of community, academic, and government collaborations to improve health outcomes, Tobacco regulatory science, Tobacco use disparities, Cancer disparities.

Jones-McKyer, Ellisa Ph.D Associate Dean for Climate & Diversity / Professor Minority health issues and health disparities; Parental influences on child health behaviors and outcomes; Socioecological factors of health behaviors.

Ma, Ping Ph.D. Assistant Professor Maternal & Child Health Issues. Health Disparities in Vulnerable Populations. Smoking Cessation. Children's Injury Prevention.

Mier, Nelda Ph.D Instructional Assistant Professor

Chronic Disease Prevention, Quality of Life through Behavioral Change in Mexican Americans of all ages living in Texas-Mexico border region, Physical Activity Among Mexican Americans, Intervention Research to Enhance Physical Activity Patterns, Diabetes Prevention Among Children and Adults in Border Region, Promotoras Model (Community Health Workers) in Border Regions.

Health Promotion & Community Health Sciences

Sharkey, Joe Ph.D Professor
Social and Behavioral Research Methods;
Program Evaluation; Mixed-Methods
Research; Environment and Policy
Assessment. Food access and food choice
in underserved areas, food insecurity and
hunger, childhood obesity, and effects of
structural and individual characteristics
on nutrition, physical activity, and health
outcomes, promotora empowerment,
community-engaged approached to
population health.

Spengler, John Ph.D, J.D. Professor Active living policy and obesity prevention, Legal and policy issues around injury prevention, physical activity, and the built environment. Risk management policy and implementation in sport and recreation.

Stasi, Selina DrPH Instructional Assistant Professor

Access to and physical activity promotion within underserved communities and communities of color, through community-based research, asset mapping, and GIS analysis. Research regarding physician-based physical activity counseling, prescription and referral, and youth engagement and empowerment to combat disparities in physical activity and health. Linkages between community, clinic, and church, and the role public health practitioners play to leverage resources between them all.

Tai-Seale, Tom DrPH Instructional
Associate Professor Social and Behavioral
Determinants of Health; Program
Planning; Program Evaluations; The
Biology of disease. Local health systems
development and community
empowerment of chronic disease
prevention; program planning and
evaluation for the prevention and control
of chronic disease; health behavior
coaching.

Health Policy & Management

Andreyeva, Elena Ph.D Assistant Professor

Health economics, Spatial nature of the healthcare market, Urban/regional/rural economics, Health Insurance effects on policies of healthcare delivery, Risky health behaviors.

Bolin, Jane Ph.D, J.D., R.N Professor. Health Law and Ethics, Regulatory Compliance; Cancer Screening and Prevention; Diabetes Self- Management; Chronic Disease Management; Interdisciplinary and Translational Research; Rural Health Research.

Callaghan, Timothy Ph.D Assistant Professor

Health Policy & Politics, Rural Health. State Level Decisions on Health Policy & Access to Care. Autism, Disability, Motivations of Personal Issue to Public Policy Change. Surprise Medical Bills. Medicaid Work Requirement. Antibiotic Resistance.

Carrino, Gerard Ph.D Instructional Professor

Evaluation: Program, Process, Outcomes, Economic; Nonprofit Sector in Health Care; Health Care Philanthropy and the Social Sector; Prematurity, Birth Defects, Infant Mortality; Public Health Finance.

Côté, Murray Ph.D Program Director/ Associate Professor Operational Analysis. Health Services Delivery Methods (Tele/Drone). Project Management in Rural Hospitals. Information Asymmetry in Doctor/Patient Encounters.

Ferdinand, Alva Ph.D, J.D. Assistant Professor

Impact of laws and other policies relative to public health outcomes such as roadway safety, obesity, and access to care. Other interests include state and federal regulation of health care and community health development.

Griffith, Jennifer. DrPH Associate Dean for Academic Affairs/ Instructional Associate Professor Public Health Emergency Preparedness and Response; Intervention Implementation, Management, and Evaluation.

Hatala, Jeffrey. Ph.D Program Director/ Instructional Associate Professor Public health systems and service research; Rural health, health policy, and vulnerable populations; Nutrition, physical activity, obesity and related conditions; Educational pedagogy in health professions.

Kash, Bita MBA, Ph.D Professor Organizational capacity for change and transformation; Change implementation in healthcare; Healthcare strategic planning and marketing; Quality and Cost of Care.

Kum, Hye-Chung, Ph.D Associate Professor

Data science for health care; population and health informatics; analysis of big data; decision support systems for health policy and management. Machine Learning.

Health Policy & Management

Lin, Sherry Ph.D Instructional Assistant Professor

Preventive Care Services; Disabilities Research; Vulnerable Populations.

Ohsfeldt, Robert Ph.D Regents Professor Cost-Effectiveness and Cost Models; Economics of Health Behavior; Impact of Health Sector Regulation.

Quiram, Barbara Ph.D Professor Public Health Infrastructure; Health System Service Quality; Public Health Workforce Development; Rural Community Health System Planning and Development; Rural Community Disaster Planning.

Radcliff, Tiffany Ph.D Associate Dean for Research / Professor Health Economics; Health Policy; Health Services Research; Improving Quality of Care in Long-term Care; Access to Care for Rural and Other Underserved Populations; Improving Care, Processes and Outcomes; Disaster Preparedness and Response; Veterans Healthcare; Economic Evaluation.

Schmit, Cason J.D. Research Assistant Professor

Law as a Social Determinant of Health; Health Information Technology; Health Information Exchanges; Privacy, Confidentiality, and Security of Health Information; Public Health Reporting and Surveillance; Pharmacists' Vaccination Authorities. **Tomaszewski, Lesley Ph.D** Instructional Assistant Professor

Social Learning and Identity Formation; Gender in the Workplace; Andragogy and Curriculum Development.

Washburn, David Sc.D Assistant Professor Global Health; Health Policy; Health Systems Analysis; Strategic and Capital Planning; The Diffusion of Innovations; Decision-Making Behavior; Access to Care.

Texas A&M University School of Public Health Research Sponsors

American Diabetes Association

Cancer Prevention and Research Institute of Texas

Coastal Bend Health Education Center

DHHS-Administration for Community Living

DHHS-Centers For Disease Control and Prevention

DHHS-Health Resources and Services Administration

DHHS-Office of the Assistant Secretary for Preparedness and Response

Department of Veterans Affairs

Environmental Protection Agency

Health Care Service Corporation

HealthCore Inc.

Hogg Foundation

Houston Methodist Cancer Center

Houston Methodist Hospital

International Atomic Energy Agency National Academies

National Institutes of Health

National Network of Public Health Institutes

National Science Foundation

Robert Wood Johnson Foundation

The Network for Public Health Law

Texas Alzheimer's Research and Care Consortium

Texas Department of State Health Services

Texas Health & Human Services Commission

USDA-National Institute of Food And Agriculture

Walmart Foundation

65 new external grants and contracts were awarded to SPH researchers during CY 2020 totaling \$7,421,288

SCHOOL OF PUBLIC HEALTH AT TEXAS A&M UNIVERSITY

Texas A&M University and the School of Public Health Office of Research is committed to creating an environment that supports intellectual exchange, debate and promotes diversity and inclusion in all our activities.

SPH's mission is to provide education, conduct research, and partner with communities and organizations to improve the health of populations. The school views health as a human right and has a special commitment to improving health in cities, eliminating health disparities, and promoting health in all policies.

The Texas A&M University is a Council on Education for Public Health (CEPH) accredited institution.

Contact Us:
Texas A&M University School of Public Health
212 Adriance Lab Road
1266 TAMU
College Station, TX 77843-1266



TEXAS A&M UNIVERSITY

School of Public Health