

Jennifer A. Horney, PhD, MPH, CPH

PROFESSIONAL EXPERIENCE

Academic Appointments

Professor and Founding Director, Program in Epidemiology / September 2018 –

College of Health Sciences, University of Delaware

Instructor for Epidemiologic Methods I

Instructor for Methods in Field Epidemiology

Instructor for MPH Practicum

Biomechanics and Movement Science (BIOMS) Program

Affiliated Faculty / January 2020 –

Data Science Institute, University of Delaware

Affiliated Faculty / September 2018 –

Adjunct Professor / September 2018 – August 2020

Department Head / June 2017 – August 2018

Associate Professor / January 2014 – August 2018

Department of Epidemiology and Biostatistics, Texas A&M School of Public Health

Instructor for Epidemiologic Methods I

Instructor for Methods in Field Epidemiology

Instructor for MPH / DrPH Practicum

Graduate Faculty / July 2017 – August 2018

Interdisciplinary Faculty of Toxicology, Texas A&M University

Mentor students and trainees in Regulatory Science in Environmental Health and Toxicology

Adjunct Assistant Professor / January 2014 – December 2019

Research Assistant Professor / September 2009 – December 2013

Department of Epidemiology, UNC-Chapel Hill School of Public Health

Co-instructor for Fundamentals of Public Health Surveillance

Co-instructor for Methods in Field Epidemiology

Institute for the Environment, Center for Sustainable Community Design, UNC-Chapel Hill

Member of the Faculty Advisory Committee / 2010 - 2013

Teaching Assistant / Summer 2007

Department of Epidemiology, UNC-Chapel Hill School of Public Health

Principles of Epidemiology for Public Health

Adjunct Clinical Instructor / August 2004 – May 2007

Public Health Leadership Program, UNC-Chapel Hill School of Public Health

Developed and taught two new courses for MPH program, Introduction to Public Health

Preparedness for Disasters and Emergencies and Program Planning and Evaluation

Advised 3-4 students per semester enrolled in residential and distance MPH program
Department of Health Policy and Administration, UNC-Chapel Hill School of Public Health
Developed and taught Public Health Impacts of Hurricanes for Certificate Program in
Community Preparedness and Disaster Management

Research Positions

Core Faculty / September 2018 –
Disaster Research Center, University of Delaware

Faculty Fellow / 2014 – 2018
Hazard Reduction and Recovery Center, Texas A&M University College of Architecture

Program Lead, Texas A&M Institute for Sustainable Communities, Health and Environment Program / 2015 – 2018

Office of the Provost and Executive Vice President, Texas A&M University

Lead interdisciplinary research and engagement projects with partners across campus related to the intersections of public health and the natural and built environment

Program Lead, Texas OneGulf Disaster Research Response (DR2) Program / 2015 – 2018

Texas A&M Health Science Center

Part of the Texas OneGulf Center of Excellence, the DR2 Program includes applied research around emergency management, disaster research, community assessment, and environmental health

Member, Center for Translational Environmental Health Research / 2015 – 2018

Texas A&M Health Science Center

Founder and Manager, EpiAssist / 2015 – 2018

Texas A&M School of Public Health

EpiAssist is a student volunteer team of approximately 100 students that provide surge capacity to state, regional, and local health departments for applied projects related to community assessment, public health surveillance, and outbreak investigation

Manager, Research and Evaluation Unit / 2013

North Carolina Institute for Public Health, UNC-Chapel Hill School of Public Health

Manage nine research and evaluation staff; Serve as member of NCIPH's Management Team

Associate Director and Co-Principal Investigator / 2008 – 2013

New Investigator Award Recipient / 2008-2009

North Carolina Preparedness and Emergency Response Research Center, UNC-Chapel Hill School of Public Health

Manage financial, administrative and other operational functions, including pilot project grants

Awarded funding for independent research as a new investigator in public health systems and services research

Director / 2012 – 2013

Deputy Director and Co-Investigator / 2003 – 2012

Acting Director / March – July 2004, July – November 2005, May – August 2007

University of North Carolina Center for Public Health Preparedness, UNC-Chapel Hill School of Public Health

Manage international, federal and state grants and contracts in field epidemiology, infectious disease epidemiology, public health disasters and other topics (More than \$30 million between 2003 – 2013)

Manage graduate student volunteers deployed during outbreaks and public health emergencies

Develop curriculum for public health graduate students and public health professionals in emergency preparedness, pandemic and avian influenza, infectious diseases and rapid response

Research Assistant (20 hours per week) / 2002 – 2003

University of North Carolina Center for Public Health Preparedness, UNC-Chapel Hill School of Public Health

Developed materials for Web-based curriculum for physicians, public health professionals, and pharmacists

Resource Development Project Manager (20 hours per week) / 2002 – 2003

IntraHealth International, UNC-Chapel Hill

Managed proposal development for international public health projects in West and Central Africa for USAID, including bilaterals, IQCs and other funding mechanisms

Assistant Director for Capital Gifts, Honors Program / 2002

Arts and Sciences Foundation, UNC-Chapel Hill

Coordinated cultivation, solicitation and stewardship of Honors Program, Morehead and Johnston Scholar alumni for Carolina First campaign goal of \$21 million

Director of Grants and Programs / 2000 – 2002

Center for the Public Domain (a private foundation), Durham, NC

Developed funding strategies within budget and mission guidelines and made recommendations to the foundation board and president

Wrote requests for proposals and facilitated working groups for universities, advocacy groups and other organizations and supported grantees through the grant making process

Assistant Director for Development / 1998 – 2000

National Humanities Center, Research Triangle Park, NC

Managed annual giving program including trustees, fellows and friends (\$500,000 per year)

Executive Director / 1997 – 1998

NC Alliance for Arts Education (a member of the John F. Kennedy Center Education Network), Durham, NC

Consulting

Committee on Evidence-Based Practices for Public Health Emergency Preparedness and Response / 2018 – 2019

The National Academies of Sciences, Engineering, Medicine

Commissioned Author, History of Public Health Emergency Preparedness and Response Practice and Research in the U.S. since September 11, 2001

Public Health Emergency Preparedness Consultant / 2014 –

Avar Consulting (2017 – 2019)

Scientific Advisor, Survey of Employee Emergency Preparedness, Veterans Emergency Management Evaluation Center

RTI International and Avar Consulting (2014-2016)

Scientific Advisor, Improving Operational Efficiency and Effectiveness of Public Health Emergency Preparedness and Response Systems, Centers for Disease Control and Prevention

Adjunct Assistant Professor / 2012

Elon University

Teach Introduction to Epidemiology to undergraduate public health majors

Disaster Epidemiology Consultant / 2011 – 2012

Child Fund International

Develop a disaster module for data collection as part of the Child Status Index Data Collection Tool

Epidemiology Consultant / 2010 – 2012

Duke University TIP Independent Learning Program

Develop courses on infectious disease epidemiology for gifted students age 9-13

EDUCATION

Doctor of Philosophy, Epidemiology / May 2009

School of Public Health, University of North Carolina at Chapel Hill

Dissertation: Hurricane evacuation failure: The role of social cohesion, social control and social capital

Certified Public Health Professional / 2008 (Recertified in 2013, 2015, & 2017)

National Board of Public Health Examiners

Master of Public Health / August 2003

School of Public Health, University of North Carolina at Chapel Hill

Graduate Certificate in International Studies

Master of Arts, Art History / May 1996

University of North Carolina at Chapel Hill

Bachelor of Arts, Economics and Art History / May 1994

University of North Carolina at Chapel Hill

PUBLICATIONS

Refereed Journal Articles (*indicates student)

A complete list of citations is available from My Bibliography at PubMed:

<https://www.ncbi.nlm.nih.gov/sites/myncbi/jennifer.horney.1/bibliography/49569256/public/?sort=date&direction=ascending>

Sansom GT, Kirsch KR, Casillas GA, Camargo K, Wade TL, Knap AH, Baker ES, **Horney JA**. Spatial distribution of polycyclic aromatic hydrocarbons concentrations after Hurricane Harvey in a Houston Neighborhood. Under review at *Journal of Health and Pollution* (21 pages, submitted 3/4/20)

Gloeckner PB*, Campbell-Salome GM*, Everett BE*, **Horney JA**, Rauscher EA. Resident perspectives of environmental health risk exposures after Hurricane Harvey. Under review at *Journal of Environmental Studies and Sciences* (20 pages, submitted 1/31/20)

Radcliff TA, **Horney JA**, Dobalian A, Macareno BO, Kabir UY, Price C, Strickland C. Disaster planning, preparedness, and response among rural long-term care providers. Under review at *Journal of Rural Health* (11 pages, submitted 1/28/20)

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. Under review at *Crisis* (15 pages, submitted 1/10/20)

Casillas GA*, Johnson N, Chiu W, Ramirez J, McDonald TJ, **Horney JA**. Polycyclic Aromatic Hydrocarbons in Houston parks after Hurricane Harvey. Under review at *Ecotoxicology and Environmental Safety* (19 pages, submitted 1/8/20)

Stone KW*, Felkner M, Garza E, Perez-Patron M, McDonald TJ, **Horney JA**. Epidemiology Capacity after Funding Initiative: A Characterization of Texas, 2017. Under review at *Health Affairs* (20 pages, submitted 1/2/20)

Newman G, Yu S*, Kirsch KR*, Sansom GP, Musharrat S, **Horney JA**. Evaluating the potential effects of green infrastructure in mitigating floods and pollutant transfer during flood events. Under review at *Journal of Landscape Architecture* (12 pages, submitted 10/18/19)

Khreis H, Alotaibi R*, **Horney JA**, McConnell R. Impact of Baseline Incidence Rates on Burden of Disease Assessment of Air Pollution and Onset of Childhood Asthma: Analysis of Data from the Contiguous U.S. Under review at *Annals of Epidemiology* (27 pages, submitted 9/3/19)

Karaye I*, Stone KW*, **Horney JA**. Overcoming challenges associated with measuring health impacts of political insurgency: A difference-in-differences analysis of Boko Haram and child mortality in Northern Nigeria. Under review at *BMC International Health and Human Rights* (18 pages, submitted 8/29/19)

Stone KW*, Felkner M, Perez-Patron M, Schmidt C, McDonald TJ, **Horney JA**. Changes to timeliness and completeness of communicable disease reporting in Texas following the implementation of an epidemiology capacity program. Under review at *Public Health* (16 pages, submitted 8/28/19)

Karaye I*, Taylor N, Perez-Patron M, Thompson C, **Horney JA**. Factors associated with hurricane evacuation: A statistical meta-analysis, 1999 – 2017. Under review at *Natural Hazards Review*. (23 pages, submitted 3/15/19; revised 12/9/19)

Horney JA, Casillas GA*, Miller A, Craft E, Burdette K, Ferguson PL, Knap AH, Baker E, McDonald TJ, Bhandari S, Chiu W, Rusyn I. Conducting environmental health research after disasters: Disaster research response to Hurricane Florence. Under review at *Prehospital and Disaster Medicine* (10 pages, submitted 1/31/19)

Sullivan E*, Goidel K, Kellstedt P, **Horney JA**. Do hazard mitigation plans represent the resilience priorities of residents in vulnerable Texas coastal counties? Under review at *Natural Hazards* (21 pages, submitted 10/9/18)

Horney JA, Stone KH, Karaye I*, Rauscher EA. Resident perceptions of contamination of recreational areas flooded by Hurricane Harvey. Under review at *Journal of Environmental Health* (24

pages, submitted 7/13/18, revised 2/24/20)

Wiggins A*, Karaye I*, **Horney JA**. Difference-in-Differences analysis of the association between Medicaid expansion and infant mortality rates in the U.S. In press at *Health Services Research*.

Sansom GT, Kirsch KR*, **Horney JA**. (2020) Using the 12-Item Short Form health survey to assess self-rated health of an engaged population impacted by Hurricane Harvey, Houston, Texas. *BMC Public Health*. <https://doi.org/10.1186/s12889-020-8349>.

Hooks SK*, Hrysko M*, Strickland C*, Dixon B*, Karaye I*, Kirsch KR*, **Horney JA**. (2020) Can global policy impact local environmental justice? Using CASPER to assess perceived health effects of an incinerator. *Human Ecology*. 48(1) DOI: 10.1007/s10745-020-00133-9.

Hendricks M, Newman G, Yu S*, **Horney JA**. (2020) Leveling the landscape: Landscape performance as a green infrastructure evaluation tool for service-learning products. *Landscape Journal*. 37(2): 19-39.

Karaye I*, Thompson C, Perez-Patron M, Taylor N, **Horney JA**. (2020) Estimation of evacuation shelter deficits in the Houston-Galveston Metropolitan Statistical Area of Texas. *Risk Analysis*. DOI:10.1111/risa.13448.

Newman G, Shi T, Yao Z, Li D, Sansom GT, Kirsch KR*, Casillas GA*, **Horney JA**. (2020) Citizen science informed built environment changes for increasing resiliency and decreasing contaminant exposure. *International Journal of Environmental Research and Public Health*. <https://www.mdpi.com/1660-4601/17/2/486/pdf>.

Horney JA, Hooks SK*, Hrysko M*, Strickland C*, Dixon B*, Karaye IM*, Kirsch KR*. (2019) Applying disaster epidemiology methods to investigate potential health impacts of industry in environmental justice neighborhoods. *Annals of Epidemiology* 40(39). DOI: 10.1016/j.annepidem.2019-.08-028.

Stone KW*, Felkner M, Perez-Patron M, Schmidt CD, McDonald TJ, **Horney JA**. (2019) How do infectious disaster epidemiology positions increase public health capacity? Results from a qualitative study of local health departments. *Health Security*. DOI: 10.1089/hs.2019.0083.

Bera G, Knap AH, Camargo K*, Sericano JL, Liu Y, Sweet S, **Horney JA**, Jun M, Chiu W, Wade T, Rusyn I. (2019) Baseline data for distribution of contaminants by natural disasters: Results from a residential Houston neighborhood during Hurricane Harvey flooding. *Helixyon*. 5(11). <https://doi.org/10.1016/j.helixyon.2019.e02860>.

Horney JA, Carbone EG, Lynch M, Ji G, Jones T. (2019) How Public Health Agencies Use the Public Health Preparedness Capabilities. *Disaster Medicine and Public Health Preparedness*. DOI: <https://doi.org/10.1017/dmp.2019.133>.

Karaye I*, Ross AD, **Horney JA**. (2019) Self-Rated Mental and Physical Health of U.S. Gulf Coast Residents. *Journal of Community Health*. DOI: 10.1007/s10900-019-00779-7

Karaye I*, **Horney JA**, Retchless DP, Ross AD. (2019) Determinants of Hurricane Evacuation from a Large Representative Sample of the U.S. Gulf Coast. *International Journal of Environmental Research and Public Health*. 16(21). DOI: 10.3390/ijerph16214268.

Karaye I*, Stone KW, Casillas G*, Newman G, **Horney JA**. (2019) A spatial analysis of possible environmental exposures in recreational areas impacted by Hurricane Harvey flooding, Harris County, Texas. *Environmental Management*. 64(4): 381-390. DOI: 10.1007/s00267-019-01204-4.

- Akpalu Y, Anderson J, Mgbere O, Karaye I*, **Horney JA**. (2019) Determinants of influenza vaccination and infection, Brazos County, Texas, 2017. *Infectious Diseases: Research and Treatment*. <https://doi.org/10.1177/1178633719863815>.
- Horney JA**, Rios J, Cantu A, Ramsey S, Montemayor L, Raun L, Miller AK. (2019) Improving Hurricane Harvey disaster research response through academic-practice partnerships. *American Journal of Public Health*. <https://doi.org/10.2105/AJPH.2019.305166>.
- Kirsch KR*, Elizondo J, Salazar D, Washington S, Burdick T*, Alvarez P*, **Horney JA**. (2019) Engaged environmental science: Empowering students to improve the resilience of their communities. *Environmental Education Research*. <https://doi.org/10.1080/13504622.2019.1637822>.
- Stone KW*, Casillas G*, Karaye I*, Camargo K*, McDonald TJ, **Horney JA**. (2019) Using spatial analysis to examine potential sources of polycyclic aromatic hydrocarbons in the Manchester neighborhood of Houston, Texas. *Environmental Justice*. DOI: 10.1089/env.2019.0007.
- Karaye I*, Ross AD, Perez-Patron M, Thompson C, Taylor N, **Horney JA**. (2019) Factors associated with self-reported mental health of Texas residents exposed to Hurricane Harvey. *Progress in Disaster Science*. <http://dx.doi.org/10.1016/j.pdisas.2019.100016>.
- Sansom GT*, Berke P, McDonald T, Shipp E, **Horney JA**. (2019) Evaluating the impact of race and gender on environmental risk perceptions in the Houston neighborhood of Manchester. *Environmental Justice*. DOI: 10.1089/env.2018.0028.
- Swienton H*, Goldberg D, Hammond TA, Klein A, **Horney JA**. (2019) Effect of tornado outbreaks on morbidity and mortality in Texas. *Prehospital and Disaster Medicine*. 34(Suppl 1): s50. DOI: 10.1017/S1049023X19001171.
- Horney JA**, Rosenheim N, Zhao H, Radcliff T. (2019) The impacts of disasters on Medicare costs in U.S. Gulf Coast States. *Medicine*. 98(19) DOI: 10.1097/MD.00000000000015589.
- Oti I*, Gharaibeh NG, Hendricks MD, Meyer MA, Van Zandt S, Masterson J, **Horney JA**, Berke P. (2019) Assessing the validity and reliability of drainage infrastructure monitoring data obtained from citizen scientists: results from a community field study. *Journal of Infrastructure Systems*. 25(3) DOI: 10.1061/(ASCE)IS.1943-555X.0000495.
- Karaye I*, Thompson C, **Horney JA**. (2019) Evacuation shelter deficits for socially vulnerable Texas residents during Hurricane Harvey. *Health Services Research and Managerial Epidemiology*. DOI: 10.1177/2333392819848885.
- Salvi A*, Sura T*, Karaye I*, **Horney JA**. (2019) Factors associated with dependence on smokeless tobacco, Navi Mumbai, India. *Heliyon*. 5(3) <https://doi.org/10.1016/j.heliyon.2019.e01382>.
- Horney JA**, Dwyer C, Vendrell-Velez B*, Newman G. (2019) Validating a Comprehensive Plan Scoring System for Healthy Community Design in League City, Texas. *Journal of Urban Design*. <https://doi.org/10.1080/13574809.2019.1572453>.
- Goidel K, **Horney JA**, Kellstedt P, Sullivan E*, Brown, S. (2019) Perceptions of Disaster Resilience in Four Texas Coastal Communities. *Local Government Studies*. 45(3): 413-432. <https://doi.org/10.1080/03003930.2019.1571999>.
- Newman G, Malecha M, Yu S*, **Horney JA**, Qiao Z, Lee, J, Kim YJ, Lee RJ, Berke P. (2019) Integrating a resilience scorecard and landscape performance tools into a geodesign process. *Landscape Research*. 45(1). <https://doi.org/10.1080/01426397.2019.1569219>.
- This paper was recognized by the Environmental Design Research Association with a Certificate of Research Excellence, April 2020

- Sansom GT, Stone KW*, Kirsch KR*, McDonald TJ, **Horney JA**. (2018) Polycyclic Aromatic Hydrocarbons in residential dust collected in the Manchester neighborhood of Houston, Texas. *Environmental Justice*. 11(5): 183-191.
- Sansom GT*, Stone KW*, **Horney JA**. (2018) Investigating injuries seen in area physician offices after a fertilizer plant explosion. *Texas Public Health Journal*. 70(3): 28-30.
- Meyer M, Hendricks M*, Berke P, **Horney JA**, Sansom GT, Masterson J, Cooper J, VanZandt S, Gharaibeh N. (2018). Participatory Action Research: Tools for Disaster Resilience Education. *International Journal of Disaster Resilience in the Built Environment*. <https://doi.org/10.1108/IJDRBE-02-2017-0015>.
- Berke P, Quiring S, Olivera F, **Horney JA**. (2018) Addressing challenges to building resilience through interdisciplinary research and engagement. *Risk Analysis*. DOI: 10.1111/risa.13202.
- Stone KH, Akpalu Y, **Horney JA**. (2018) Use of Community Assessment for Public Health Emergency Response (CASPER) method to assess influenza vaccination and activity in Brazos County, Texas. *Vaccine*. 36: 6001-6006. DOI: <https://doi.org/10.1016/j.vaccine.2018.08.030>
- Gearhart S*, Perez-Patron M, Hammond TA, Goldberg D, Klein A, **Horney JA**. (2018) The impact of natural disasters on domestic violence: An analysis of reports of simple assault in Florida, 1999-2007. *Violence and Gender*. 5(2): 87-92. DOI: 10.1089/vio.2017.0077.
- Stone KW*, Morehead BF, Karaye I*, Davis CM, **Horney JA**. (2018) Evaluating the effectiveness of a full-scale exercise of epidemiologic capacity for bioterrorism response. *Journal of Homeland Security and Emergency Management*. DOI: <https://doi-org.ezproxy.library.tamu.edu/10.1515/jhsem-2017-0061>.
- Newman G, Hollander J, Lee H, Gu D, Kim B, Lee RJ, **Horney JA**, Bearfield D, Li Y. (2018) Smarter Shrinkage: A neighborhood-scaled right sizing strategy based on land use dynamics. *Journal of Geovisualization and Spatial Analysis*. 2(11). <https://doi.org/10.1007/s41651-018-0018-6>.
- Horney JA**, Dwyer C*, Chirra B*, McCarthy K, Shafer J, Smith G. (2018) Measuring successful disaster recovery. *International Journal of Mass Emergencies and Disasters*. 36(1): 1-22.
- Horney JA**, Casillas G*, Baker E, Stone KW*, Kirsch KR*, Camargo K*, Wade TL, McDonald TJ. (2018) Comparing residential contamination in a Houston environmental justice neighborhood before and after Hurricane Harvey. *PLoS ONE*. <https://doi.org/10.1371/journal.pone.0192660>.
- Rosenheim N*, Grabich SC*, **Horney JA**. (2018) Disaster impacts on cost and utilization of Medicare. *BMC Health Services Research*. 18(89). <https://doi.org/10.1186/s12913-018-2900-9>.
- Cross K*, **Horney JA**. (2018) Use of the Community Assessment for Public Health Emergency Response (CASPER) method by public health agencies in Texas, 2001 – 2015. *Disaster Medicine and Public Health Preparedness*. DOI: 10.1017/dmp.2017.143.
- Hendricks M*, Gharaibeh N, Meyer M, Van Zandt S, Masterson J, Cooper J, **Horney JA**, Berke P. (2018) The development of a participatory assessment technique for infrastructure: Neighborhood level monitoring towards sustainable infrastructure systems. *Sustainable Cities and Society*. <https://doi.org/10.1016/j.scs.2017.12.039>.
- Wutich AY, Budds J, Eichelberger L, Geere J, Harris L, **Horney JA**, Jepson W, Norman E, O'Reilly K, Pearson A, Shinn J, Simpson K, Staddon C, Stoler J, Shah S, Young S. (2017) Assessing household water insecurity: Advancing methodological approaches. *Water Security*. <https://doi.org/10.1016/j.wasec.2017.09.001>.

- Smitherman S*, Stone KW*, Goldberg D, Hammond, T, **Horney JA**. (2017) Assessing the prevalence of risk factors for Neglected Tropical Diseases in Brazos County, Texas. *PLoS Currents: Outbreaks*. DOI: 10.1371/currents.outbreaks.93540c6c8c7831670591b0264479269c.
- Horney JA**, Carbone EG, Lynch M, Wang ZJ, Jones T, Rose DA. (2017) How health department contextual factors affect public health preparedness and perceptions of the 15 public health preparedness capabilities. *American Journal of Public Health*. 107(S2): S153-S160. DOI: 10.2105/AJPH.2017.303955.
- Shah V*, Kirsch KR, Cervantes D, Zane D, Haywood T, **Horney JA**. (2017) Flash flood swift-water rescues, Texas, 2005-2014. *Climate Risk Management*. DOI: 10.1016/j.crm.2017.06.003.
- Kirsch KR*, **Horney JA**. Recovery: (2017) An integrated platform for disaster recovery planning, management, and tracking. *Carolina Planning Journal*. 42(1): 104-109.
- Smitherman S*, Goldberg D, Hammond, T, **Horney JA**. (2017) A Community Assessment for Public Health Emergency Response survey to assess the prevalence of risk factors for Neglected Tropical Diseases in Texas. *Health Security*. 15(3). DOI: 10.1089/hs.2016.0075.
- Sansom GT*, Parras J, Nieto J, Arellano Y, Berke P, McDonald T, Shipp E, **Horney JA**. (2017) The impacts of exposure to environmental risk on physical and mental health in a small geographic community in Houston, TX. *Journal of Community Health*. DOI: 10.1007/s10900-017-0322-y.
- Grabich SC*, Robinson WR, Konrad C, **Horney JA**. (2017) Impact of hurricane exposure on reproductive health outcomes, Florida, 2004. *Disaster Medicine and Public Health Preparedness*. DOI: 10.1017/dmp.2016.158.
- Stone KW*, Sierocki A, Shah V, Ylitalo KR, **Horney JA**. (2017) Conducting Community Health Needs Assessments in a local health department: A comparison of Random Digit Dialing and the Community Assessment for Public Health Emergency Preparedness. *Journal of Public Health Management and Practice*. DOI: 10.1097/PHH.0000000000000522.
- Horney JA**, Dwyer C*, Aminto M*, Berke P, Smith G. (2017) Developing indicators to measure post-disaster community recovery. *Disasters*. 41(1):124-149. DOI: 10.1111.disa.12190.
- Sansom GT*, Berke P, McDonald T, Shipp E, **Horney JA**. (2016) Confirming the environmental concerns of community members utilizing participatory-based research in the Houston neighborhood of Manchester. *International Journal of Environmental Research and Public Health*. 13(9):839. DOI: 10.3390/ijerph13090839.
- Johansen C*, **Horney JA**, Tien I. (2016) Review of metrics for measuring community resilience. *Journal of Infrastructure Systems*. DOI: 10.1061/(ASCE)IS.1943-555X.0000329.
- Grabich SC*, Robinson WR, Engel SM, Konrad C, Richardson D, **Horney JA**. (2016) Hurricane Charley exposure and hazard of preterm delivery, Florida, 2004. *Maternal and Child Health Journal*. DOI: 10.1007/s10995-016-2069-y.
- Horney JA**, Nguyen M, Salvesen D, Dwyer C*, Berke P. (2106) Assessing the quality of rural hazard mitigation plans in the Southeastern U.S. *Journal of Planning Education and Research*. DOI: 10.1177/0739456X16628605.
- Horney JA**, Simon MC, Ricchetti-Masterson K*, Berke P. (2016) Resident perception of disaster recovery planning in New Hanover County, NC. *International Journal of Disaster Resilience in the Built Environment*. 7(4):330-343. DOI 10.1108/IJDRBE-09-2014-0068.
- Horney JA**, Grabich SC*, Rosenheim N*. (2016) Quantifying the health impacts of disasters on Medicare beneficiaries. *Health Systems Policy Research*. 3(3). DOI:10.21767/iphspr.100039.

- Ghumman U*, **Horney JA**. (2016) Characterizing the impact of extreme heat on mortality, Karachi, Pakistan, June 2015. *Prehospital and Disaster Medicine*. 31(3): 263-266. DOI:10.1017/S1049023X16000273.
- Kirsch KR*, Feldt B, Zane DF, Haywood T, Jones R, **Horney JA**. (2016). A longitudinal community assessment of wildfire response and recovery, Bastrop County, Texas. *Health Security*. 14(2): 93-104. DOI: 10.1089/hs.2015.0060.
- Horney JA**, Nguyen M, Salvesen D, Tomasco O*, Berke P. (2016) Engaging the public in planning for disaster recovery. *International Journal of Disaster Risk Reduction*. 17:33-37. DOI: 10.1016/j.ijdr.2016.03.011.
- Horney JA**, Bamrara S*, Lazo M, Shehane M. (2016) EpiAssist: Service-Learning in public health education. *Education for Health* 29(1):30-34.
- Zane D, Haywood T, Adams B, Heines V, Herminia A, Heines V, Feldt BA, Rosen JG, Henry J, Thompson K, Stonum, S, Kiger J, Johnson K, Wiltz-Beckham D, Gomez M, Short K, Stone KW, **Horney JA**. (2016) Lessons learned from the Field: Community Assessment for Public Health Emergency Response (CASPER). *Texas Public Health Journal* 68(1):6-13.
- Horney JA**, Spurlock D, Grabich S*, Berke P. (2016) Capacity for stakeholder participation in recovery planning. *Planning Practice & Research* 31(1):65-79. DOI: 10.1080/02697459.2015.1104220.
- Grabich SC*, Robinson WR, Engel SM, Konrad C, Robinson D, **Horney JA**. (2015) County-level hurricane exposure and birth rates: Application of difference-in-differences analysis for confounding control. *Emerging Themes in Epidemiology*. DOI: 10.1186/s12982-015-0042-7.
- Grabich SC*, **Horney JA**, Konrad C, Lobdell D. (2015) Measuring the storm: Methods of quantifying hurricane exposure in public health. *Natural Hazards Review*. DOI: 10.1061/(ASCE)NH.1527-6996.0000204.
- Zotti ME, Williams AM, Wako E, and the Indicator Development Working Group†. (2015) Post-disaster indicators for pregnant and postpartum women and infants. *Maternal and Child Health Journal* 19(6):1179-88. †Members include: Bish CL, Camperlengo L, Copeland S, Craig M, Dunlop A, Edgerton E, Graham J, Harville E, Hayes D, Haynie L, **Horney JA**, Kane DJ, Kieltyka L, Manning S, McKane P, Mitchell C, Nerlander L, Ramos D, Ramsey R, Stampfel C, Strohmeier R, Wheeler D, Xiong X
- Ivy JS, Maillard JM, **Horney JA**. (2015) Using systems modeling to enhance public health preparedness. *Health Systems* 4(1):1-4.
- Horney JA**, Simon M, Grabich S*, Berke P. (2015) Measuring participation by socially vulnerable groups in hazard mitigation planning, Bertie County, NC. *Journal of Environmental Planning and Management* 58(5):802-818. DOI: 10.1080/09640568.2014.892870.
- Berke P, Cooper J, Aminto M*, Grabich S*, **Horney JA**. (2014) Adaptive planning for disaster recovery and resiliency: An evaluation of 87 local recovery plans in eight states. *Journal of the American Planning Association* 80(4):310-323. DOI: 10.1080/01944363.2014.976585
- Dwyer C* and **Horney JA**. (2014) Validating indicators of disaster recovery with qualitative research. *PLoS Currents* 6(2014 Dec 16). DOI: 10.1371/currents.dis.ec60859ff436919e096d51ef7d50736f.
- Bevc CA, Simon MC, Montoya TA, **Horney JA**. (2014) Institutional facilitators and barriers to local public health preparedness planning for vulnerable and at-risk populations. *Public Health Reports* 129(S4):34-41.

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Books

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Book Chapters

Kirsch KR*, **Horney JA**, Sansom GT, Newman G. Breaking Down the Walls: Challenges and Lessons Learned in Interdisciplinary Research. In S Van Zandt and J Masterson (Eds.) *Engaged research for Community Resilience to Climate Change*. In press at Elsevier.

Horney JA and Sansom GT*. (2019) Emergency Preparedness and Response Planning. In MK Lindell (Ed.) *The Routledge Handbook of Urban Disaster Resilience: Integrating Mitigation, Preparedness, and Recovery Planning* (1st ed.) New York, NY: Routledge.

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Vielot N*, **Horney JA**. (2016) Can merging the role of public health preparedness coordinator and emergency manager increase efficiency and effectiveness of public health response? In GB Kapur and AA Baez (Eds.) *International Disaster Health Care: Preparedness, Response, Resource Management, and Education*. Taylor and Francis: Waretown, NJ.

Horney JA and Zotti M. (2013). Voices from the Field: Sampling Approaches. In J Houser (Ed.) *Nursing Research: Reading, Using, and Creating Evidence* Sudbury, MA: Jones and Bartlett.

Horney JA, Wilfert R, Simon M, Johnson M. (2011). Geographic Information Systems for Field Epidemiology. In PDM MacDonald (Ed.) *Methods in Field Epidemiology* Sudbury, MA: Jones and Bartlett.

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Other Publications (Not Peer Reviewed)

Gearhart S*, **Horney JA**. (2018) Interpersonal Violence during Disasters: Seeking Solutions at the American Geophysical Union. Available at: <https://dern.essex.ac.uk/2018/12/14/interpersonal-violence-during-disasters-seeking-solutions-at-the-agu/>

Bayleyegn T, Zane D, Smorodinsky S, Kirsch KR, Morehead BF, Haywood T, Jones R, **Horney JA**. (2018) Rapid Needs Assessment / CASPER. Council of State and Territorial Epidemiologists Disaster Epidemiology Resource Guide.

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Berke P, Van Zandt S, and **Horney JA**. Measuring Success in Recovery. (2015) Briefing paper for the American Planning Association's Planning for Post-Disaster Recovery: Next Generation Project. Available at: <https://www.planning.org/research/postdisaster/briefingpapers/>

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CONTRACTS AND GRANTS (CURRENT)

Highmark Blue Cross Blue Shield of Delaware, Community Mobile Healthcare and Wellness Initiative, February 1, 2020 – January 31, 2021 (Total Award: \$424,160) – Research & Data Analyst

U.S. Department of Agriculture, National Animal Disease Preparedness and Response Program, Strengthening Local, Regional, and National Emergency Poultry Disease Response, January 1, 2010 – December 31, 2021 (Total Award: \$257,494) – Co-Investigator

D'Youville College School of Health Professions, Public Health Adaptive Response to Disasters, January 1, 2020 – December 31, 2020 (Total Award: \$9,000) – Co-Investigator

National Fish and Wildlife Foundation, Resilience through Regeneration in Northeast Wilmington, January 1, 2020 – December 31, 2020 (Total Award: \$124,597) – Principal Investigator

National Institute of Environmental Health Sciences, Developing a Spatial Approach for Toxic Transferal from Industrial and Vacant Land Uses to Green Infrastructure, October 1, 2019 – September 30, 2020 (Total Award: \$90,000) – Co-Investigator

National Science Foundation 1921157, Enabling the Next Generation of Hazards Researchers Program, June 1, 2019 – May 31, 2022 (Total award: \$382,125) – Program Mentor

Health Resources and Services Administration U1CRH30040, Southwest Rural Health Research Center, September 1, 2018 – August 31, 2020 (Total award: \$2,816,714) – Co-Principal Investigator of Disaster Planning, Preparedness, and Response for Rural Long-Term Care Providers (Total award: \$99,972)

National Institute of Environmental Health Sciences P42ES027704, Comprehensive Tools and Models for Addressing Exposure to Mixtures During Environmental Emergency-Related Contamination Events, April 1, 2017 – March 31, 2022 (Total award: \$9,747,536) – Principal Investigator of Community Engagement Core (Total award: \$684,906)

CONTRACTS AND GRANTS (COMPLETED)

Texas Department of State Health Services, Using CASPER to Assess Hurricane Harvey Recovery in Coastal Texas Counties, July 1, 2018 – April 30, 2020 (Total Award: \$103,597) – Principal Investigator

Texas A&M University Triads for Transformation (T3), Developing a Tool for Measuring Landscape Performance on Public Health, April 1, 2018 – March 31, 2019 (Total Award: \$30,000) – Co-Principal Investigator

National Science Foundation SBE 1560106, CyberHealth GIS Research Experience for Undergraduates, March 1, 2016 – February 28, 2019 (Total award \$114,336) – Co-Principal Investigator

– Student researchers funded as part of this project received first and second place overall (out of 215 students) in the Texas A&M University Undergraduate Research Summer Poster Session, August 3, 2016

– Student researcher in this program selected for the Annual Council on Undergraduate Research, Research Experience for Undergraduates Symposium, Washington, DC, October 23, 2016

National Academies of Sciences Gulf Research Program, Prioritizing Risks from Oil Spills: Supporting Decisions with Read-Across Using 21st Century Exposure and Toxicological Sciences, January 1, 2018 – August 31, 2018 (Total Award: \$700,000) – Co-Principal Investigator

National Institute of Environmental Health Sciences 1T32ES026568-01, Regulatory Science in Environmental Health and Toxicology, September 1, 2016 – August 31, 2018 (Total award \$1,270,125) – Co-Investigator

Texas OneGulf Center of Excellence Disaster Research Response (DR2) Program (Grant #582-15-57954), September 1, 2015 – August 31, 2018 (Total award: \$256,225) – Program Lead

Texas OneGulf Center of Excellence Disaster Research Response (DR2) Program, Disasters and Environmental Vulnerability, September 1, 2016 – August 31, 2018 (Total award: \$75,000) – Principal Investigator

Department of Homeland Security 2015-ST-061-ND0001-01, Implementing the Disaster Recovery Tracking Tool, January 1, 2016 – June 30, 2018 (Total award: \$300,000) – Principal Investigator

Department of Homeland Security 2015-ST-061-ND0001-01, Local Planning Networks and Neighborhood Vulnerability Indicators, January 1, 2016 – June 30, 2018 (Total award: \$305,000) – Co-Principal Investigator

National Oceanic and Atmospheric Agency / Texas Sea Grant, Perceptions of Community Resilience in Texas Shoreline Communities (S161270), February 1, 2016 – May 31, 2018 (Total award: \$195,919) – Co-Principal Investigator

National Institute of Environmental Health Sciences, Center for Translational Environmental Health Research (P30 ES023512-04 Pilot Program), Improving research translation via family-based risk communication: Risks from exposure to recreational areas in Houston contaminated by Hurricane Harvey, October 16, 2017 – March 31, 2018 (Total award: \$49,574) – Principal Investigator

National Academies of Sciences Gulf Research Program, Utilizing Secondary Data to Assess the Health and Health System Impacts of Natural and Technological Disasters in the Gulf, January 1, 2016 – December 31, 2017 (Total Award: \$181,206) – Principal Investigator

National Science Foundation EAGER 1645193, Citizen Science for Infrastructure Monitoring at the

Neighborhood Level, September 1, 2016 – August 31, 2017 (Total award: \$100,000) – Co-Principal Investigator

Texas A&M University High Impact: Education First, Future Visioning of Local Climate Change, June 1, 2016 – May 31, 2017 (Total award \$20,000) – Co-Principal Investigator

Texas Department of State Health Services, High Consequence Infectious Disease Exercises, December 1, 2015 – August 31, 2016 (Total award \$499,988) – Co-Principal Investigator

Waco-McLennan Public Health District, Increasing Epidemiologic Capacity, January 1, 2016 – June 30, 2016 (Total award \$17,521) – Principal Investigator

National Science Foundation CMMI-1066310, The Effects of Pre-Disaster Recovery Plans on Post-Disaster Recovery Among Socially Vulnerable Populations, September 1, 2011 – February 28, 2016 (Total award: \$443,310) – Principal Investigator

LMI Research Institute Academic Partners Grant, Measuring Successful Disaster Recovery, October 1, 2014 – September 30, 2015 (Total award - \$35,223) – Principal Investigator

Texas Census Research Data Center, Seed Grant Award, April 1, 2014 – July 31, 2014 (Total award: \$4,000) – Principal Investigator

Department of Homeland Security, Measuring Community Recovery Indicators: Developing and Testing Indicators that Define Good Community Recovery, December 1, 2012 – June 30, 2015 (Total award: \$482,640) – Principal Investigator

Texas A&M University Division of Student Affairs, Service Learning Faculty Fellow, August 2014 – May 2015 (Total award - \$3,000) – Principal Investigator

Federal Emergency Management Agency Region II, Healthy Community Recovery, October 30, 2013 – April 30, 2015 (Total award: \$216,598) – Principal Investigator

Richmond County Health Department, April 1, 2013 – December 31, 2013 (Total award: \$9,015) – Principal Investigator

CDC Cooperative Agreement, Preparedness and Emergency Response Research Center, October 1, 2008 – September 30, 2014 (Total award: \$8,420,371) – New Investigator and Co-PI of Regionalization Study

CDC Cooperative Agreement No U90/ TP000415-01, Preparedness and Emergency Response Learning Center, October 1, 2010-September 30, 2015 (Total award: \$5,300,000) – Co-PI

US Department of Agriculture 2009-06143, Disaster Resilience for Rural Communities, September 15, 2010 – September 14, 2013 (Total award: \$379,649) – Principal Investigator

CDC Cooperative Agreement 5 U2R GH000065-03, Strengthening of Continuing Education for Field Epidemiology and Laboratory Training Programs (FELTP) through Development of Training Materials with Web Based Delivery Options, August 15, 2012 – August 14, 2013 (Total award: \$30,000) – Principal Investigator

Albemarle Regional Health Services, Community Health Assessment, October 1, 2012 – June 30, 2013 (Total award: \$12,000) – Principal Investigator

Wake County Human Services, Community Health Assessment, January 1, 2013 – June 30, 2013 (Total award: \$89,000) – Principal Investigator – *This project received an Achievement Award from the National Association of Counties for Combined Public Health and Hospital Community Health Needs Assessment*

South Carolina Department of Health and Environmental Control, South Carolina Medical Reserve Corps Training, May 1, 2012 – June 30, 2012 (Total award: \$9,072) – Principal Investigator

Gaston County, North Carolina, Community Health Assessment, March 1, 2012 – August 31, 2012 (Total award: \$8,664) – Principal Investigator

Davidson County, North Carolina, Community Health Assessment, February 1, 2012 – July 31, 2012 (Total award: \$53,000) - Investigator

Council of State and Territorial Epidemiologists, Council for Improving Foodborne Outbreak Response (CIFOR), July 1, 2011 – June 30, 2012 (Total award: \$20,000) – Principal Investigator

National Science Foundation Quick Response Grants (Hurricane Irene), Social Capital and Hurricane Evacuation Decision Making, October 1, 2011 – March 31, 2012 (Total award: \$2,500) – Principal Investigator

Carolina Public Health Solutions, Global Health Curriculum Development Grant for Fundamentals of Public Health Surveillance – January 1, 2011 – December 31, 2011 (Total Award: \$5,000) – Co-Faculty

Adolescent Pregnancy Prevention Association of North Carolina, Community Assessment for Adolescent Pregnancy Prevention, May 1, 2011 – July 31, 2011 (Total award: \$7,000) – Principal Investigator

Association of Schools of Public Health and CDC, Project S3861, Pilot to Assess Reproductive Health Needs After Disasters, October 1, 2008 – September 30, 2011 (Total award: \$217,830) – Principal Investigator

Contract No. 01559-11, NC Division of Public Health Pandemic Influenza Planning, August 10, 2010 – August 9, 2011 (Total award: \$128,000) – Principal Investigator

Council of State and Territorial Epidemiologists, African Network of Influenza Surveillance Epidemiology (ANISE), January 1, 2011 – May 31, 2011 (Total award: \$26,247) – Principal Investigator

CDC Cooperative Agreement No U90/CCU424255, Centers for Public Health Preparedness, September 1, 2004-August 9, 2010 (Total award: \$5,630,395) – Deputy Director of funded Center

Contract No. 01559-10, NC Division of Public Health Pandemic Influenza Planning, August 10, 2009 – August 9, 2010 (Total award: \$362,850) – Principal Investigator

Council of State and Territorial Epidemiologists, Development of a training course for sentinel surveillance site staff, CDC Coordinating Office of Global Health and Influenza Division, September 1, 2009 – August 31, 2010 (Total award: \$87,685) – Principal Investigator

Contract SC-2010-16-00, IntraHealth International, Inc. Global Resource Center eLearning, April 1, 2010 – June 30, 2010 (Total award: \$9,147) – Instructional Designer

Institute of Homeland Security Solutions, Long-Term Disaster Recovery Planning in the United States, August 1, 2009 – December 31, 2009 (Total award: \$5,000) – Principal Investigator

Robert Wood Johnson Foundation, Public Health Practice-Based Research Network Quick Strike Research Funds for a Rapid Assessment of H1N1 Vaccine Acceptability, August 1, 2009 – October 31, 2009 (Total award: \$24,992) – Principal Investigator

Council of State and Territorial Epidemiologists, Development of an online training course for the

CDC Coordinating Office of Global Health and Influenza Division, May 1, 2008 – April 30, 2009 (Total award: \$151,604) – Principal Investigator

National Science Foundation, Decision and Risk Management, Dissertation Improvement Grant, October 1, 2007 – July 31, 2009 (Total award: \$9,311) – Principal Investigator

Contract No. 01559-09, NC Division of Public Health Pandemic Influenza Planning, August 10, 2008 – August 9, 2009 (Total award: \$128,930) – Principal Investigator

Council of State and Territorial Epidemiologists, Adaptation of online training courses for Chinese Field Epidemiology Program, May 1, 2008 – August 31, 2008 (Total award: \$7,438) – Principal Investigator

Illinois Public Health Association, Social Distancing Training Course, November 1, 2007 – July 31, 2008 (Total award: \$5,540) – Principal Investigator

Contract No. 01559-07 Amendment, NC Division of Public Health North Carolina Electronic Disease Surveillance System, June 1, 2007 – August 9, 2008 (Total award: \$143,649) – Instructional Designer

Contract No. 01559-08 Amendment, NC Division of Public Health Pandemic Influenza Planning, April 1, 2008 – August 9, 2008 (Total award: \$78,653) – Principal Investigator

Natural Hazards Center, University of Colorado at Boulder, Hurricane Evacuation Failure: The Role of Social Cohesion and Social Networks for Long-Term Residents, December 1, 2007 – November 30, 2008 (Total award: \$3,000) – Principal Investigator

National Association of City and County Health Officials Grant, Advanced Practice Centers Training Grant, September 1, 2007 – May 31, 2008 (Total award: \$140,605) – Principal Investigator

Sustainable Management Development Program, Centers for Disease Control and Prevention Foundation, June 1, 2007 – May 31, 2008 (Total award \$41,753) – Grant Writer

RFTP No. 2007-Q-09331, Centers for Disease Control and Prevention, Public Health Law Program, April 9, 2007 – April 8, 2008 (Total award \$199,062) – Principal Investigator

Contract No. 01559-07 Amendment, NC Division of Public Health Pandemic Influenza Planning, April 1, 2007 – March 31, 2008 (Total award: \$100,000) – Principal Investigator

NC Division of Public Health and NC Department of Agriculture, One Medicine Conference, July 1, 2007 – December 31, 2007 (Total award: \$65,763) – Principal Investigator

West Virginia Department of Health and Human Resources, Local Health Officers Workshop, April 1, 2007 -December 31, 2007 (Total award: \$11,352) – Principal Investigator

Office of Public Health Preparedness and Response and Public Health Regional Surveillance Team 5, Geographic Information Systems Rapid Response Project, April 1, 2007-September 30, 2007 (Total award: \$20,702) – Principal Investigator

Council of State and Territorial Epidemiologists, Avian and Pandemic Influenza: Training for Rapid Response, October 1, 2006 – September 30, 2007 (Total award: \$152,306) – Instructional Designer

Association of Schools of Public Health, Strengthening Field Epidemiology Practice in Central America through Academic Partnership, October 1, 2006 – September 30, 2007 (Total award: \$77,325) – Instructional Designer

NC Division of Public Health and NC Department of Agriculture, Avian Influenza Rapid Response

Training, June 1, 2007 – August 31, 2007 (Total award: \$7,043) – Grant Writer

Contract No. 01559-07, NC Division of Public Health Pandemic Influenza Planning, September 1, 2006 – August 31, 2007 (Total award: \$191,224) – Principal Investigator

World Health Organization Contract WP 07/904796, South Pacific Office and Pacific Open Learning Health Net, Pacific Islands Field Epidemiology Course, February 1, 2007 – July 31, 2007 (Total award: \$45,677) – Instructional Designer

National Association of City and County Health Officials Grant, Advanced Practice Centers Training Grant, September 1, 2006 – May 31, 2007 (Total award: \$109,181) – Principal Investigator

International Emerging Infections Program and the Thailand Ministry of Health, Avian Influenza Response Team Training, March 1, 2006 – September 30, 2006 (Total award: \$127,461) – Instructional Designer – *This project received an award from the National Center for Preparedness, Detection and Control of Infectious Diseases at the Centers for Disease Control and Prevention in June 2007*

Office of Public Health Preparedness and Response and Public Health Regional Surveillance Team 5, Geographic Information Systems Rapid Response Project, January 1, 2006-September 30, 2006 (Total award: \$25,000) – Principal Investigator

National Association of City and County Health Officials Grant U50/CCU302718-17, Foodborne Illness Demonstration Site Project, September 1, 2005-August 31, 2006 (Total award: \$32,985) – Grant Writer

Contract No. 01559-06, NC Division of Public Health Focus Area B (Epidemiology and Surveillance), September 1, 2005-August 31, 2006 (Total award: \$70,500 - Principal Investigator)

Contract No. 01331-05, NC Division of Public Health Focus Area G (Training and Education), September 1, 2005-August 30, 2006 (Total award: \$136,853) – Project Lead

National Association of City and County Health Officials Grant, Advanced Practice Centers Training Grant, August 1, 2005-April 30, 2006 (Total award: \$89,524) – Principal Investigator

West Virginia Department of Health and Human Resources, Public Health Emergency Law, September 1, 2005-December 31, 2005 (Total award: \$10,777) – Principal Investigator

Contract No. 01331-04, NC Division of Public Health Focus Area G (Training and Education), September 1, 2004-August 30, 2005 (Total award: \$153,395) – Project Lead

Contract No. 01559-04, NC Division of Public Health Focus Area B (Epidemiology and Surveillance), August 1, 2004-April 30, 2005 (Total award: \$88,000) – Principal Investigator

ASPH/CDC Cooperative Agreement, Academic Health Departments, October 1, 2003-September 30, 2004 (Total award: \$100,000) – Grant Writer

ASPH/CDC Cooperative Agreement, Expanded Geographic Coverage of the Academic Centers for Public Health Preparedness, October 1, 2003-September 30, 2004 (Total award: \$190,000) – Project Lead

Contract No. 01331-03, NC Division of Public Health Focus Area G (Training and Education), September 30, 2003-August 30, 2004 (Total award: \$500,000) – Project Lead

National Association of City and County Health Officials Grant, Advanced Practice Centers Training Grant, June 1, 2003-January 31, 2004 (Total award: \$200,535) – Project Lead

TEACHING

University of Delaware

Instructor for Epidemiologic Methods I (EPID 605)
Instructor for Methods in Field Epidemiology (EPID 621)
Instructor for MPH Practicum (HLTH 689)

Texas A&M

Instructor for Epidemiologic Methods I (PHEB 605)
Instructor for Methods in Field Epidemiology (PHEB 689)
Instructor for MPH / DrPH Practicum (PHEB 684)

UNC-Chapel Hill

Co-instructor for Fundamentals of Public Health Surveillance (EPID 750)
Co-instructor for Methods in Field Epidemiology (EPID 759)

SERVICE

Doctoral Advisees (University of Delaware)

Abby Health (Epidemiology) - Chair
Colton Strickland (Epidemiology) - Chair
Hadi A.L. Ruwaithi (Disaster Science & Management) - Member
Awele Maduka Ezeh (Disaster Science & Management) - Member
Francisco Sarmiento (Disaster Science & Management) - Member
Ngozi Dom-Chima (Medical and Molecular Science) - Member

MPH Advisees (University of Delaware)

Emily Marshall, Angeni Cordova, Jaime Ahlers, Madelyn Murphey, Gwen Simpson (Class of 2021, Epidemiology)

MPH Advisees (Texas A&M)

Sharon Abraham, Ajay Balasubramanyam, Sanjana Bamrara (*Epidemiologist, Texas Department of State Health Services, Region 8*), Olajide Buhari, Bhagath Chirra (*PhD Biomedical Science, Texas A&M*), Michelle Chladny, Shelby Dennis, Usman Ghumman, Ibrahim Gwarzo, Ibrahim Idris (*Fogarty Global Health Fellow – Vanderbilt-Emory-Cornell-Duke*), Tia Jones, David Lala, Suraiya Mansur, Eeshika Mitra, Farouq Muhd, Ahmed Muhsin, Tariq Nisar, Vidushi Prasad, Heather Prigmore, Erika Olsen (Class of 2016, Epidemiology and Biostatistics)

Sean Adebogun, Akinleye Adedapo, Brittany Burgess, Viashnavi Narasimhan, Revati Narawane, Bea Vendrell-Velez, David Lamb (Class of 2017, Epidemiology and Biostatistics)

Sean Aloba, Pablo Alvarez, Toriq Mustapha, Colette Nichodem, Melanie Rodriguez, Michael Williams (Class of 2018, Epidemiology and Biostatistics) – *Mr. Alvarez was the recipient of the University-level Margaret Rudder Community Service Award (Spring 2018)*

Mario Zuniga (*MD University of Texas Medical Branch-Galveston*), Rachel Andrews (Class of 2019, Epidemiology and Biostatistics)

MS Advisees (Texas A&M)

Micah Bingaman (Veterinary Medicine and Biomedical Sciences)
Ajay Balasubramanyam (Veterinary Medicine and Biomedical Sciences)

Doctoral Advisees (Texas A&M)

Xiao Xhang (Epidemiology and Environmental Health)
Inyang Uwak (Epidemiology and Environmental Health)
Katie Kirsch (Epidemiology and Environmental Health) - Chair
Benika Dixon (Epidemiology and Environmental Health) - Chair
Ibrahim Gwarzo (Epidemiology and Environmental Health) - Chair
Raed Alotaibi (Epidemiology and Environmental Health) - Chair
Gaston Casillas (Interdisciplinary Program in Toxicology, Awarded August 2019, Post-Doctoral Fellow at Centers for Disease Control and Prevention, National Center for Environmental Health as of 11/1/2019) - Chair
Ibraheem Karaye (Epidemiology and Environmental Health, Awarded December 2018, Post-Doctoral Scholar, University of Delaware as of 12/1/18; Assistant Professor, Hofstra University as of 9/1/20) - Chair
Alexjandro Daviano (Epidemiology and Environmental Health, Awarded August 2018, Texas Children's Hospital, Houston, TX as of 9/1/18) – Member
Kahler Stone (Epidemiology and Environmental Health, Awarded May 2018, Assistant Professor, Middle Tennessee State University as of 8/1/18) – Chair – *Mr. Stone was the recipient of the School of Public Health's Excellence Award for Research (Spring 2018)*
Marccus Hendricks (Landscape Architecture and Urban Planning, Awarded May 2017, Assistant Professor, University of Maryland as of 7/1/17) - Member
Garett Sansom (Epidemiology and Environmental Health, Awarded May 2016, Assistant Director, Institute for Sustainable Communities, Texas A&M University as of 7/1/16; Research Assistant Professor, Department of Environmental and Occupational Health, Texas A&M School of Public Health as of 1/1/18) - Chair

MPH Advisees (UNC Chapel Hill)

Anna Allen, DVM (Epidemiology, Awarded 2015)

MSPH Advisees (UNC Chapel Hill)

Kristen Ricchetti-Masterson (Epidemiology, Awarded 2012)
John Wallace (Epidemiology, Awarded 2012)

Doctoral Advisees (UNC Chapel Hill)

Shannon Grabich (Epidemiology, Awarded May 2015, Post-Doctoral Fellow, Environmental Protection Agency as of 5/1/15; Biostatistician, Amgen as of 6/1/16; Biostatistician UBC Pharmaceuticals as of 8/1/18) - Member
John Wallace (Epidemiology, Awarded May 2015, Research Associate at UNC-CH as of 4/1/15) - Member
Alice Wang (Environmental Science and Engineering, Awarded May 2015, Epidemic Intelligence Service Officer at Centers for Disease Control and Prevention as of 7/1/15) - Member

Other Advisees

Roxanna Fouladi, University of Delaware Summer Scholars Program, 2020
Sarah Kaitlyn Hooks, University of Delaware Undergraduate Research Scholars, 2019
Amelia Hulbert, Bloomberg Fellow, Johns Hopkins University, 2019 - 2021

Rosemary Thuss, Disaster and Emergency Management, Royal Roads University, 2019 – 2020
 Nkeiruka Ashiedu, University of Delaware, Ronald E. McNair Summer Research Program, 2019
 Zhen Yao, Texas A&M Masters in Landscape Architecture, 2018-2019
 Tianqi Shi, Texas A&M Masters in Landscape Architecture, 2018-2019
 Reagan Spexarth, Texas A&M University Collaborative Initiative Tier One Program, 2018
 Madeline Webb, Texas A&M University Collaborative Initiative Tier One Program, 2017
 Emily Sullivan, Texas A&M Masters in Urban Planning, 2016 – 2018
 Seth Smitherman, Texas A&M Undergraduate Research Scholars Program, 2016 – 2017
 Sonia Gilkey, U.S. Department of Homeland Security Summer Research Team Program for Minority Serving Institutions (Texas A&M Kingsville), 2016
 Tracy Ann Hyman, Fulbright NEXUS Regional Scholar Program, 2012 – 2013
 Hannah Schwartz and Katharine Albright, U.S. Air Force Academy, Department of Homeland Security Service Summer Research Team Program for Federal Service Academies, 2014

Expert Committees – National

- Member, National Academies of Sciences, Engineering, and Medicine’s Planning Committee on Exploring Best Practices in Integration of Public Health and Human Services Service Delivery and Assessment Following Large Scale Disasters, 2020
- Member, Centers for Disease Control and Prevention, Division of Reproductive Health, Emergency Preparedness and Response, Reproductive Health after Disasters Workgroup, 2020 –
- Member, Publications Board, American Public Health Association, 2019 – 2022
- Member, Board of Scientific Counselors, Office of Public Health Preparedness and Response, Centers for Disease Control and Prevention, 2019 – 2022
- Member, National Institute of Environmental Health Sciences, Disaster Research Response (DR2) Working Group, 2019 –
- Member, American Geophysical Union Geohealth Section Early Career Development Committee, 2019 –
- Member, Council of State and Territorial Epidemiologists, Maternal and Child Health Emergency Preparedness Epidemiology Capacity Assessment Workgroup, 2019
- Member, CDC Foundation and National Network of Public Health Institutes, Hurricane Response Coordinating Committee, 2018 – 2019
- Member, National Science Foundation, Scoping Workshop on Coastlines and People (CoPe), 2018
- Member, ESRI Workgroup on Community Assessment for Public Health Emergency Response, 2018
- Member, Scowcroft Institute of International Affairs, Council on Pandemic and Biosecurity Policy Programs, 2017 – 2018
- Member, Planning Committee, SeaGrant Oil Spill Science Health Summit, 2017 – 2018
- Member, National Science Foundation, Interdisciplinary Methods of Disaster Research, 2017 – 2018
- Panelist, National Academy of Sciences, Coastal Community Resilience, 2017
- Member, Department of Homeland Security Science and Technology Directorate, Science Advisory Guide for Emergencies (SAGE), 2016 –
- Member, National Institute of Environmental Health Sciences, Best Practices Working Group for the Development of Special Considerations for IRB Review of Disaster and Emergency Related Public Health Research, 2016

- Member, Centers for Disease Control and Prevention, Public Health Preparedness and Response and Health Studies Branch, Development of a Disaster Epidemiology Online Course for Academia, 2015 – 2018
- Member, National Health Security Preparedness Index Model Design Workgroup, Robert Wood Johnson Foundation, 2014 – 2018
- Panelist, National Academy of Sciences GULF Research Program, Community Resilience and Health, 2014
 - Workshop Report, *Opportunities for the Gulf Research Program: Community Resilience and Health*, available at: <http://www.nap.edu/catalog/21691/opportunities-for-the-gulf-research-program-community-resilience-and-health>
- Member, Council of State and Territorial Epidemiologists (CSTE) Public Health Emergency Preparedness Subcommittee, 2012 – 2013
- Member, Working Group on Emergency Preparedness and Response, Centers for Disease Control and Prevention (CDC) Division of Reproductive Health, 2012 – 2013
- Member, CDC Disaster Epidemiology Community of Practice Committee, 2010 –
- Member, CDC Public Health Advisory group for public health response to Deepwater Horizon oil spill, 2010
- Member, Disaster Epidemiology Committee, CSTE, 2008 – 2013
- Co-Chair, CDC Centers for Public Health Preparedness exemplar group in distance education, 2004 – 2005

Expert Committees – State or University

- Member, Collaborate Northeast Resilience Workgroup, City of Wilmington, 2019 –
- Member, University of Delaware – Delaware State University – City of Wilmington Public Policy Partnership Steering Committee, 2019 –
- Member, Texas Department of State Health Services, Syndromic Surveillance Regional Advisory Committee, 2015 – 2017
- Member, Resilience and Climate Change Cooperative Project, Texas A&M University, 2014 – 2016
- Member, North Carolina Division of Public Health Organizational Effectiveness and Resource Alignment Committee, 2010
- Member, North Carolina Disaster Epidemiology Workgroup, 2007 – 2013

Disaster Response

- Delphi Participant, Exploration of the Diverse Opinions around the Long-Term Impacts of Flooding on Health, Poverty, and Inequity in Houston, 2019
- Reviewer, Risk Assessment, Mapping, and Planning (RAMP) Tool, Centers for Disease Control and Prevention and Los Angeles County, 2019
- Member and Session Convener, State of the Gulf of Mexico One Gulf Summit, 2017
- Reviewer, Centers for Disease Control and Prevention, Reproductive Health in Emergency Preparedness and Response online course, 2015
- Principal Investigator, North Carolina post-Irene risk perception and evacuation assessment, 2011
- Supervisor and Volunteer, Mississippi post-Katrina health status assessment and service project, 2006
- Supervisor and Volunteer, NC Division of Public Health rapid needs assessment after Hurricane Wilma, Broward and Hendry County, FL, 2005

- Supervisor and Volunteer, NC Division of Public Health rapid needs assessment after Hurricane Isabel, NC, 2003

Scientific Preceptor

- UNC / University of Nicaragua, Leon Summer Surveillance Program, 2008

Grant Study Sections

- National Institutes for Environmental Health Sciences, June 2019
- National Academy of Sciences Gulf Research Program, March 2019
- National Oceanic and Atmospheric Administration, May 2018
- National Science Foundation, May 2017
- National Science Foundation, May 2015
- National Science Foundation, April 2014
- National Science Foundation, May 2011

Ad-Hoc Grant Review

- National Institutes of Health, March 2020
- National Science Foundation, Social, Behavioral and Economic Sciences Directorate, October 2018, March 2019, March 2020
- Southeastern Conference Faculty Travel Grant Selection Committee, April 2018
- NOAA / Texas SeaGrant College Program Grants, May 2017 and May 2018
- NIEHS, Michigan Center on Lifestage Environmental Exposures and Disease (M-LEED) P30 Center Pilot Projects, 2017

Journal Reviewer

- Annals of Clinical and Laboratory Research
- Annals of Epidemiology
- American Journal of Public Health
 - Special Issue on The Evolution of Public Health Emergency Management from Preparedness to Response and Recovery, 2017
 - Supplement on Community Preparedness for Public Health Emergencies, 2019
- American Journal of Preventive Medicine
- Applied Clinical Informatics
- Applied GIS
- Biosecurity and Bioterrorism
- BMC Health Services Research
- BMC Public Health
- BMJ Open
- Centers for Disease Control and Prevention – External Reviewer for Clearance
- Climatic Change
- Clinical Case Reports
- Clinical Infectious Diseases
- Current Opinion in Environmental Sustainability
- Disaster Health

- Disaster Medicine and Public Health Preparedness
- Disasters
- Ecology and Society
- Emerging Infectious Diseases
- Environment and Behavior
- Environmental Research
- Environmental Science and Policy
- Epidemiology
- Globalization and Health
- Health Promotion Practice
- Health Systems
 - Guest Editor – Special Issue on Public Health Preparedness, 2014
- International Journal of Disaster Risk Reduction
- International Journal of Environmental Research and Public Health
- International Journal of Information Technology and Decision Making
- International Journal of Mass Emergencies and Disasters
- International Journal of Sustainable Future for Human Security
- Journal of the American Board of Family Medicine
- Journal of the American Planning Association
- Journal of Emergency Management
- Journal of Global Infectious Diseases
- Journal of Health Communications
- Journal of Homeland Security and Emergency Management
- Journal of Maternal-Fetal and Neonatal Medicine
- Journal of Public Health Management and Practice
- Journal of Public Mental Health
- Journal of Planning Education and Research
- Maritime Policy and Management
- Maternal and Child Health Journal
- Natural Hazards Review
- Neglected Tropical Diseases
- North Carolina Medical Journal
- PLoS ONE
- Public Health Nursing
- Public Health Reports
- Risk Analysis
- Risk, Hazards, and Crisis in Public Policy
- Rural Sociology
- Science of the Total Environment (STOTEN)
- Scowcroft Infectious Disease Information Platform
 - Editorial Board, 2017 – 2018
- Social Psychiatry and Psychiatric Epidemiology

- Social Science Quarterly
- Sociological Spectrum
- Sustainability
- The Lancet
- Texas Public Health Journal
- Weather, Climate and Society
- Vaccine

Book Reviewer

- Fricker R and Rigdon S (2018). Disease Surveillance. Boca Raton, FL: Taylor and Francis Group.
- Poms LW and Dawson RS (2017). Understanding Epidemiology: Concepts, Skills, and Applications. San Diego, CA: Cognella Academic Publishing.

Professional Societies

- American College of Epidemiology, 2019 –
- Social Science Extreme Events Research (SSEER) Network, 2018 –
- Disaster and Emergency Research Network (DERN), 2018 –
- American Public Health Association, 2004 –
 - Reviewer for academic, epidemiology, community health planning and social epidemiology caucuses, 2004 –

Service to the University of Delaware

- External Member, Academic Program Review of the Department of Medical and Molecular Sciences, Faculty Senate Committee on Committees and Nominations, 2020
- Member, Graduate Council Interdisciplinary Curriculum Committee, 2020
- Member, Search Committee, Cluster Hire in Environmental Toxicology and Epidemiology, 2018

Service to the University of Delaware College of Health Sciences

- Chair, Search Committee, Program in Epidemiology, 2019
- Chair, Search Committee, Program in Epidemiology, 2018

Service to Texas A&M University

- Selection Committee, Southeastern Conference Travel Award, 2018
- Convener, Water Security Research Interest Group, 2016 – 2017
- School of Public Health Representative, Texas A&M Faculty Senate, 2016 – 2019
 - Member, Faculty Senate Executive Committee, 2017 – 2018
- Member, Council of Principal Investigators, 2015 – 2017
- Member, Texas A&M Presidential Debate Working Committee, 2014 – 2015
- Search Committee, Post-Doctoral Scholar, Institute for Sustainable Communities, 2014

Service to the Texas A&M School of Public Health & Department of Epidemiology and Biostatistics

- Chair, Faculty Council, 2016 – 2017
- Member, Search Committee, Associate Dean for Academic Affairs, 2016

- Member, School of Public Health By-Laws Committee, 2016
- Chair, Search Committee, Open Rank Tenure Track Faculty in Epidemiology, 2016
- Chair, Search Committee, Open Rank Instructional Faculty in Epidemiology, 2016
- Member, Research Committee, 2015 – 2017; Chair, 2016 – 2017
- Member, HRSA Maternal and Child Health Public Health Program, 2015 – 2018
 - Advisor, Katy Stone, MPH Student, 2015 – 2017
- Faculty Advisor, Epidemiology Student Organization, 2015 – 2018
- Member, Search Committee, Open Rank Faculty in Epidemiology, 2014
- Member, Curriculum Committee, 2014 – 2015
- Departmental Representative, Faculty Council, 2014 – 2016
- Member, Search Committee, Director of BSPH Program, 2014

Service to UNC Gillings School of Global Public Health & Department of Epidemiology

- Member, Selection Committee for the Nancy Dreyer Scholarship, 2013
- Member, Gillings School of Global Public Health All-Hazards Preparedness Committee, 2012 – 2013
- Member, Selection Committee for the Rebecca James Baker Scholarship, 2012
- Member, Graduate Studies Committee, Department of Epidemiology, 2009 – 2013
- Advisor, Hubert H. Humphrey Fellowship Program, US State Department, 2005 – 06
- Member, Public Health Leadership MPH program growth task force, 2005
- Member, UNC-SPH committee responding to Hurricane Katrina, 2005
- Chair, UNC-SPH capacity and expertise subcommittee for Hurricane Katrina, 2005

Service to the Community

- Member, Texas Flash Flood Coalition, 2014 – 2018
- Secretary, Executive Committee, Chapel Hill Public Arts Commission, 2004 – 06
- President, NC School of Science and Mathematics alumni board, 1999 – 2002
- Chair, NCSSM alumni scholarship endowment campaign, 1998 – 2001
- Volunteer, WUNC 91.5 National Public Radio, 1996 – 2013

HONORS

Certificate of Research Excellence, Environmental Design Research Association Annual Meeting, April 2020 – *Resilience through Regeneration: The Economics of Repurposing Vacant Land with Green Infrastructure*

Distinguished Achievement Award for Teaching, Association of Former Students, Texas A&M University, 2016

Nominee, John J. Koldus III Faculty and Staff Achievement Award, Texas A&M University, 2016

Open Access to Knowledge (OAK) Fund Award, Texas A&M University Libraries, 2015

Texas A&M Division of Research, Office of the Vice President for Research, Grant Proposal Writing Program, 2015

Texas A&M Service-Learning Faculty Fellow, 2013 – 2014

Jennifer A. Horney Team Epi-Aid Service Award, UNC Gillings School of Global Public Health, 2013
IMPACT Award, UNC Graduate School award for research that provides benefit to the citizens of the State of North Carolina, 2009

National Science Foundation, Dissertation Improvement Grant in Decision Risk and Management Sciences, 2008

Department of Epidemiology, Top Student Poster, 2006

Service in Action Award, UNC-SPH award for contributions in community preparedness and disaster management, 2006

Office of the Provost/Carolina Center for Public Service Award, Team Epi-Aid, 2005

Foreign Language Area Studies Fellowship, Kiswahili, 2003

Delta Omega Public Health Honor Society, 2003

First Prize (Best Speaker), The Printed Page, University of South Florida, 1996

William G. Simms Society Speaker, The Center for the Study of the American South, 1996

Henry and Edith Everett Public Service Internship Award, 1995

UNC-Chapel Hill Undergraduate Honors Program, 1991 – 1994

Golden Key Honor Society, 1994

Phi Eta Sigma, 1991

INVITED PRESENTATIONS

Eppes S, Horney JA, Dowling T, Bowers T. Corona Virus: Understanding the Science and Responding Appropriately. Open Science @ UD March 2020.

Haynes J, Holloway T, Horney JA, Miller A. Navigating a Career in GeoHealth: Early Career GeoHealth Panel. AGU Fall Meeting December 2019.

Newman G, Horney JA. Integrating Citizen Scientists into Community-Engagement Cores: Neighborhood Scaled Contaminant Sampling with Urban Growth Planning, NIEHS Superfund Research Program Annual Meeting, Seattle, WA, November 18, 2019.

Horney JA. Disaster Epidemiology: Measuring the Health Impacts of Disasters, Christiana Care Innovative Discoveries Series, Newark, DE, November 1, 2019.

Wachtendorf T, Horney JA, Kinservik M, McNeill S. Negotiating your first job after graduate school, Bill Anderson Fund at University of Delaware 4.0, Newark, DE, October 12, 2019

Horney JA. Challenges to Assessing Health Risks from Exposure to Contaminated Water and Soils, Federal Urban Waters Partnership Annual Meeting, New Castle, DE, August 7, 2019.

Karaye I and Horney JA. Innovative Methods in Disaster Epidemiology, Council of State and Territorial Epidemiologists Disaster Epidemiology Workshop, Atlanta, GA, May 14, 2019.

Horney JA, Karaye I. Building Emergency Preparedness and Response Capacity for Maternal and Infant Health, Centers for Disease Control and Prevention Division of Reproductive Health and Association of Maternal and Child Health Programs, San Antonio, TX, March 13, 2019.

Horney JA. Research to Resilience. East Japan Earthquake and Tsunami Symposium, Hirosaki University, Japan March 11, 2019.

Horney JA, Rauscher EA, Newman G. How flooding from Hurricane Harvey potentially contaminated parks and impacted resident perceptions of environmental health and resilience. Boston University Superfund Research Program's Climate Change and Toxic Hazards Program, January 24, 2019.

Horney JA, Stone KW, Casillas G, McDonald TJ. Assessing Environmental Justice Neighborhood Soils for Contamination after Hurricane Harvey Flooding. Soils Across Latitudes: 2018-2019 International Soils Meeting, January 9, 2019

Horney JA, Hare A, Morrow B. Disasters: The impact on public health and health care. Society of Actuaries Health Meeting, Austin, TX, June 26, 2018.

Horney JA, McDonald TJ. Post-Disaster Data Collection, Sharing, and Use. National Environmental Health Association Program and Partnership Development, May 22, 2018.

Horney JA. N.C. Challenges in Assessing Risk from Exposure to Environmental Contaminants after Hurricane Harvey, N.C. Department of Health and Human Services Preparedness Symposium, May 17, 2018.

Horney JA. Developing Scholarly Work, William Averette Anderson Fund Fellows Workshop, April 27, 2018.

Horney JA. Committee on Evidence-Based Practices for Public Health Emergency Preparedness and Response, National Academies of Sciences, Engineering, and Medicine, April 24, 2018.

Horney JA. Coastal Resilience Center RETALK: The Disaster Recovery Tool, Johnson C. Smith University, February 15, 2018.

Horney JA. Environmental Health Security, Robert Wood Johnson Foundation National Health Security Preparedness Index, University of Kentucky, January 24, 2018.

Brown P, Milagros Velez Vega C, Horney JA, Miller A, Hughes J. Disaster Preparedness and Public Health Challenges, Research Translation Core and Community Engagement Core Meeting, NIEHS Superfund Research Program Annual Meeting, Philadelphia, PA, December 6, 2017.

Horney JA, Stone KW, Hare A, Zane D, Haywood T. Using GIS in Disaster Epidemiology, Texas A&M University GIS Day, November 14, 2017.

Horney JA. Flash Flood Swift Water Rescues in Texas: 2005-2014, National Weather Service Southern Regional Headquarters, September 14, 2017.

Horney JA, Feldt B. Measuring mental health recovery from wildfires using CASPER. National Disaster Epidemiology Workshop, May 17, 2016.

Horney JA. Enhancing interaction among faculty and young student researchers. Texas A&M Graduate and Professional Student Council Student Research Week, February 5, 2016.

Horney JA. Healthy Community Indicator Tool. Department of Health and Human Services, Assistant Secretary for Preparedness and Response. October 20, 2015.

Horney JA. Simulating a Public Health Emergency: A Case Study of the 2004 North Carolina State Fair E. Coli 0157 outbreak. Duke University Talent Identification Program, Durham, NC, July 15, 2015.

Horney JA. Measurement and Research in Recovery. U.S. Department of Health and Human Services Disaster Recovery Workshop, Washington, DC, March 5, 2015.

Horney JA. Issues in Attempting to Measure “Good Recovery.” Emergency Management Australia, Melbourne, Australia, November 10, 2014.

Horney JA. Healthy Community Recovery from Epidemics. White House Office of Science and Technology, Policy Planning Workshops on Safety Robotics for Ebola Workers, College Station, TX, November 7, 2014.

Horney JA. Moderator for Emergency Preparedness and Response Planning at Planning for disaster resilience: Commemorating 25 years of research. Hazard Reduction and Recovery Center, College of Architecture, Texas A&M University, College Station, TX, April 5, 2014.

Bevc C, Simon MC, Horney JA. Demonstrating the Vulnerable and At-Risk Populations Resource Guide. Centers for Disease Control and Prevention Social Vulnerability Workshop, Atlanta, GA, July 11, 2013.

Horney JA. The Public Health Impact of Disasters, Hazard Reduction and Recovery Center, College of Architecture, Texas A&M University, College Station, TX, August 31, 2012.

Simon MC and Horney JA. Geographic Information Systems and Public Health Threat Preparedness. West Virginia Public Health Threat Preparedness Conference, July 2012.

Williams AM, Graham J, Horney JA. Emergency Preparedness and Maternal and Child Health: A guide to the Reproductive Health Assessment after Disaster (RHAD) Toolkit, Association of Maternal and Child Health, Washington, DC, June 28, 2012.

Simon MC and Horney JA. Geographic Information Systems Applications for Local Public Health. Onslow County Epidemiology Team, May 2012.

Horney JA. Community Assessment for Public Health Emergency Response (Rapid Needs Assessment). Centers for Disease Control and Prevention, Office of Public Health Preparedness and Response, Topics in Emergency Preparedness and Response, May 2012.

Simon MC and Horney JA. Using Geographic Information Systems to Improve Public Health. Association of Public Health Nurse Administrators, April 2012.

Horney JA and Simon M. Use of Community Assessment for Public Health Emergency Response (CASPER) methods in a non-disaster setting: Examples from NC. Centers for Disease Control and Prevention CASPER Subject Matter Expert meeting, November 2011.

Horney JA and Turner L. Translating Evidence into Action: Enhancing the Impact of Public Health Emergency Preparedness-Funded Workforce Infrastructure in North Carolina. Association of State and Territorial Health Officers Directors of Public Health Preparedness Annual Meeting, September 2011.

Horney JA and Fleischauer A. Evaluation of the use of Community Assessment for Public Health Emergency Response (CASPER) in North Carolina, 2003 to 2010. Centers for Disease Control and Prevention Disaster Epidemiology Annual Meeting, May 2011.

Simon MC, Horney JA. Community Assessment for Public Health Emergency Response (CASPER) in North Carolina. CASPER Workshop, May 2010.

Horney JA and Zane D. North Carolina Disaster Epidemiology Workgroup and Community Assessment for Public Health Emergency Response (CASPER). Centers for Disease Control and Prevention Disaster Epidemiology Annual Meeting, May 2010.

Horney JA. The changing face of preparedness: Building and sustaining public health capacity for disaster response. Opening session of the NACCHO Public Health Preparedness Summit February 2008.

PEER REVIEWED PRESENTATIONS (*indicates student)

Kaiser R*, Karaye IM, Adamu Y, Horney JA. How many hemodialysis centers are in flood zones? A case study of Hurricane Harvey. APHA Annual Meeting November 2020.

Wiggins A*, Karaye IM, Horney JA. Difference-in-Differences analysis of the association between Medicaid expansion and infant mortality in the U.S. APHA Annual Meeting November 2020.

Guo Y, Cisse G, Hu W, Hanigan I, Qi C, Horney JA. Advanced environmental epidemiology for health and climate research. World Congress of Epidemiology September 2020.

Miller A, Kwok R, Packenham J, Lutrick K, Horney JA, Errett N, Peerk L, Mistry A. Crossing silos and networking to advance environmental health disaster research. International Society for Environmental Epidemiology Annual Conference August 2020.

Casillas GA*, Stone KW, McDonald TJ, Horney JA. A longitudinal assessment of chemicals in Houston parks after Hurricane Harvey. Harvard Medical School New England Science Symposium, April 2020.

Gwarzo I*, Radcliff T, Xu X, Perez-Patron M, Horney JA. Association between Health Insurance Status, Race, and Mortality from Trauma in Texas. Texas Public Health Association Annual Conference March 2020.

Tao Z, Zhu R, Newman G, Horney JA. Detoxifying Neighborhood Contaminants through Green Infrastructure Planning: An NIEHS Translational Framework Approach. NIEHS Superfund Research Center Annual Meeting November 2019.

Zhu R, Tao Z, Newman G, Horney JA. Resilience through Regeneration: Counteracting the Effects of Urban Decline and Flooding Using the NIEHS Translational Research Framework. NIEHS Superfund Research Center Annual Meeting November 2019.

Camargo KM*, Unger MA, Knap AH, Wade TL, Sericano JL, Horney JA, Dellapenna TM, McDonald TJ, Chiu WA. Biosensor Technology Applications in Galveston Bay and Houston Ship Channel: Rapid Analyses for Soils and Sediments. NIEHS Superfund Research Center Annual Meeting November 2019.

Horney JA, Perez-Patron M, Gearhart S*. Impact of Natural Disasters on Suicide Risk in the U.S., 1999-2014. APHA Annual Meeting November 2019.

Preston LE*, Murray KO, Midturi JK, Hamer S, Pillai SD, Gorchakov R, Gulas-Wroblewski BE, Fisher RS, Horney JA. Investigation of the emergence of Typhus group rickettsiosis in Central Texas. American Society of Tropical Medicine and Hygiene Annual Meeting November 2019

Hrysko M*, Hooks SK*, Karaye IM, Dixon B*, Kirsch KR*, Strickland C*, Horney JA. Applying disaster epidemiology methods to investigate potential health impacts of industry in environmental justice neighborhoods. American College of Epidemiology Annual Meeting September 2019.

Hooks SK*, Hrysko M*, Kirsch K*, Karaye I*, Horney JA. Using CASPER to assess perceived health risks from an incinerator in a Pennsylvania environmental justice community, Undergraduate Research Scholars, August 2019.

Kirsch KR*, Horney JA. Engaged environmental science: Empowering students and communities through accessible learning. National Conference on Health Communication, Marketing, and Media August 2019.

Karaye I*, Ross A, Horney JA. Self-rated mental and physical health of hazard vulnerable U.S. Gulf Coast residents. Natural Hazards Center Annual Workshop July 2019.

Karaye I*, Thompson C, Perez-Patron M, Taylor N, Horney JA. Estimating evacuation shelter deficits in the Houston-Galveston Metropolitan Area. Natural Hazards Center Annual Workshop July 2019.

Perez MJ*, Salter PS, Kirsch KR*, Casillas G*, Horney JA. Perceptions of environmental risk and desire for public apologies. Society for the Psychological Study of Social Issues July 2019

Stone KH, Akpalu Y, Kirsch K*, Horney JA. Use of Community Assessment for Public Health Emergency Response (CASPER) method to assess influenza vaccination and activity in Brazos County, Texas, 2017 – 18. Council of State and Territorial Epidemiologists Annual Conference June 2019

Gloeckner PB*, Campbell-Salome GM*, Everett BE*, Horney JA, Rauscher EA. It's just not something you think about: Resident perspectives of environmental health risk exposures after Hurricane Harvey. 69th Annual Meeting of the International Communication Association May 2019.

Kirsch KR*, Casillas G*, Sansom G, Stone KW, McDonald TJ, Horney JA. Assessing Polycyclic Aromatic Hydrocarbons in an environmental justice neighborhood in Houston after Hurricane Harvey. Texas A&M School of Public Health Student Research Week April 2019 – *3rd Place Poster Award*

Yu S*, Zuniga M*, Newman G, Horney JA, Han G. Measuring the health impacts of urban green infrastructure. Texas A&M University President's Excellence Fund Symposium April 2019.

Stone KH, Akpalu Y, Horney JA. Use of Community Assessment for Public Health Emergency Response (CASPER) to assess influenza activity in Brazos County, Texas. Texas Public Health Association Annual Conference March 2019

Chen Z*, Yanagisawa L, Liu Y, Camargo K*, Casillas G*, McDonald TJ, Horney JA, Chiu WA, Rusyn I. A multi-tissue organotypic human *in vitro* model for rapid identification of environmental chemicals and mixtures. 58th Annual Meeting of the Society of Toxicology March 2019 - *Stem Cells Excellence in Research Award*

Karaye I*, Ross A, Perez-Patron M, Thompson C, Taylor N, Horney JA. Factors associated with mental and physical health of residents of the Texas Gulf Coast after Hurricane Harvey. University of Delaware College of Health Sciences Research Day January 2019.

Casillas G*, McDonald TJ, Horney JA. Chemical profiles of Houston parks after Hurricane Harvey. Texas A&M College of Veterinary Medicine Annual Trainee Symposium January 2019.

Horney JA, Rauscher EA, Newman G. Green infrastructure for flood control: How flooding contaminated parks and impacted resident perceptions of environmental health. National Council for Science and the Environment Annual Conference January 2019.

Horney JA, Stone KW, Kirsch KR*, Knap A. Partnering to improve understanding of chronic and acute neighborhood-level contamination, Manchester, Houston. AGU Fall Meeting December 2018.

Camargo K*, Knap A, Horney JA, McDonald TJ, Chiu W. Post Hurricane Harvey Sediments: PAH Distributions and Relative Sources. NIEHS Superfund Research Center Annual Meeting November 2018.

Bhandari S, Kirsch KR*, Horney JA, Marvel S, Wright F, Reif D, Chiu WA. Applying spatial environmental health hazard evaluation to disaster-related contamination events: Houston/Galveston Bay Case Study. NIEHS Superfund Research Center Annual Meeting November 2018.

Kirsch KR*, Elizondo J, Salazar DDH, Washington S, Burdick T, Alvarez P, Horney JA. Engaged environmental science: Empowering students and communities through accessible learning. NIEHS Superfund Research Center Annual Meeting November 2018.

Yu S*, Zuniga M*, Newman G, Horney JA, Han G. A performance tool for measuring health impacts of urban Green Infrastructure. NIEHS Superfund Research Center Annual Meeting November 2018.

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Stone KW*, Garza E, Felkner M, Perez-Patron M, McDonald TJ, Horney JA. Assessing the impact of epidemiologic surge capacity provided to improve foodborne illness and respond to high consequence infectious disease in Texas, 2012 – 2016. APHA Annual Meeting November 2018.

Miller A, Nakayama SF, Croissant S, Horney JA, Hughes C. Empowering and Involving Academia, Public Health, and At-Risk Communities in Vital Health and Exposure Research after Environmental Disasters. APHA Annual Meeting November 2018.

Casillas G*, Stone KW*, Horney JA. Spatial distribution of Polycyclic Aromatic Hydrocarbons in the Manchester neighborhood of Houston. Lone Star Chapter of the Society of Toxicology Annual Meeting September 2018 – *2nd Place Poster Award*

Casillas G*, Stone KW*, Horney JA, McDonald TJ. Using spatial analysis to examine potential sources of polycyclic aromatic hydrocarbons in the Manchester neighborhood of Houston, TX. Texas A&M Regulatory Science Symposium August 2018.

Camargo KM, Unger MA, Horney JA, Knap A. Biosensor technology applications: Prioritizing polycyclic aromatic hydrocarbon (PAH) analyses. Texas A&M Regulatory Science Symposium August 2018.

Kelly C, Till W*, Goldberg DW, Hernandez E, Horney J, Hammond TA. Developing a GIS System to Assist Firefighters. Fire Rescue International/International Association of Fire Chiefs August 2018

Kirsch K, Sullivan E*, Horney JA, Goidel K. Are Slow Onset Disasters Well Represented in Hazard Mitigation Plans? Natural Hazards Center Annual Workshop July 2018.

Horney JA, Casillas G*, Sansom G, Stone KW*, McDonald T. Disasters and Environmental Vulnerability: Partnering to Measure Exposure to Hazardous Chemicals after Hurricane Harvey. NACCHO Public Health Preparedness Summit April 2018.

Masterson J, Horney JA, Gharaibeh N, Cooper J, Hoque A, Sansom G. Empowering Learners through Locally Defined Research: How the Institute for Sustainable Communities Integrates Teaching, Research, and Service. Texas A&M Transformational Teaching and Learning Conference April 2018.

Alvarez P*, Karaye IM, Horney JA. Analysis of Harris County Emergency-Response Related Tweets during Hurricane Harvey, Texas A&M School of Public Health Student Research Week April 2018.

Salvi A*, Lin H, Karmacharya N, Horney JA, Perez-Patron M. Prevalence of Foodborne and Waterborne Illnesses, Department of State Health Services Region 6/5 South, Texas, 2011-2016, Texas A&M School of Public Health Student Research Week April 2018.

Daviano A*, Love J, Tomasek J, Gunter R, Kalkwarf K, Horney JA. Demographic and clinical indicators that influence survival after blood transfusion in pediatric patients at a Level 1 Trauma Center in Houston, TX, Texas A&M School of Public Health Student Research Week April 2018

Casillas G*, Sansom G, Stone K*, Horney JA. Redistribution of Polycyclic Aromatic Hydrocarbons in Manchester, Houston, Texas, after Hurricane Harvey. 57th Annual Meeting of the Society of Toxicology March 2018.

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Ross A, DeLeo R, Robinson S, Horney JA. Emergency Management, Disasters, and Politics. Southern Political Science Association Annual Meeting January 2018.

Carmargo K*, Jun M, Horney JA, Rusyn I, Chiu W, McDonald TJ, Knap A. Environmental Sampling Strategies for Disasters: Lessons Learned from Hurricane Harvey Response. NIEHS Superfund Research Center Annual Meeting December 2017.

Casillas G*, Stone K*, Kirsch K*, McDonald TJ, Horney JA. Contamination of Residential Soils due to Hurricane Harvey Flooding. NIEHS Superfund Research Center Annual Meeting December 2017.

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Radcliff T, Horney JA, Rosenheim N, Zhao H. The Impacts of Disasters on Medicare Costs in U.S. Gulf Coast States. National Healthcare Coalition Preparedness Conference November 2017.

Stone K*, McConaughy H, Sierocki A, Horney JA. Increasing HPV Vaccination Rates Using a Community Stakeholder Approach. Texas Public Health Annual Conference March 2017.

Smitherman S*, Horney JA. The Feasibility of Using CASPER to Assess Risk Factors for Neglected Tropical Diseases. Texas Public Health Annual Conference March 2017.

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Horney JA, Rosenheim N*, Radcliff T, Zhao H. Utilizing Secondary Data to Assess the Health and Health System Impacts of Natural and Technological Disasters in the Gulf. Census Research Data Centers Annual Conference September 2016.

Shah V*, Kirsch K, Cervantes D, Zane D, Haywood T, Horney JA. Flash Flood Swift-Water Rescue, Texas, 2005-2014. Natural Hazards Center Annual Workshop July 2016.

Horney JA, Carbone E, Lynch M, Jones T. Evaluating and Improving the 15 Public Health Emergency Preparedness Capabilities. NACCHO Public Health Preparedness Summit April 2016.

Horney JA, Simon MS, Grant N. Can we measure successful recovery? NACCHO Public Health Preparedness Summit April 2016.

Simon MS, Decosimo K, Horney JA. Collect SMART: An Easy to Use Mobile App and Project Management Dashboard to Facilitate Field Data Collection. NACCHO Public Health Preparedness Summit April 2016.

Horney JA. Public Health Practice and Research at the Texas A&M School of Public Health – EpiAssist. Texas Public Health Annual Conference April 2016.

Ghumman U*, Horney JA. Identifying factors associated with increased mortality during heat waves: Lessons from Pakistan heat wave of June 2015. Texas Public Health Annual Conference April 2016.

Chirra B*, Horney JA. Measuring successful disaster recovery: A case study of six communities in Texas. Texas Public Health Annual Conference April 2016.

Bamrara S*, Horney JA. EpiAssist: How do students apply volunteer experience to careers in applied public health? Texas Public Health Annual Conference April 2016.

Cooper J, Berke PB, Meyer M, Peacock W, Quiring S, Van Zandt S, Horney JA, Masterson J. Enabling Community Action: Resiliency Climate Change Cooperative Project. Association of Collegiate Schools of Planning Annual Conference October 2015.

Cooper J, Horney JA. Engagement in disaster recovery planning. North Carolina Environmental Justice Summit. October 2015.

Horney JA, Berke P, Wilson J, Dredge SJ, Luhrs M. Networks of plans and overlapping jurisdictions. Natural Hazards Center Annual Workshop June 2015.

Simon MC, Decosimo K, Wilfert R, Horney JA. A mobile data collection app and project management tool for assessing health needs before or after disasters. NACCHO Public Health Preparedness Summit April 2015.

Horney JA, Rosenheim N*. Using secondary data to quantify the health impacts of disasters in the Gulf. Gulf of Mexico Oil Spill and Ecosystem Science Conference February 2015.

Zane D, Akram H, Horney JA, Thompson K. Disaster epidemiology: Innovative approaches in applied public health in disaster settings. Southeast Texas Regional Advisory Council 6th Annual Preparedness Symposium November 2014.

Hignutt E*, Simon, MC, Decosimo K, Horney JA. Assessing the impact of academic and community collaborations for conducting community health assessments. APHA Annual Meeting November 2014.

Hyman TA*, Horney JA, Taylor M, Ademola B. Community early warning systems for mitigating hydro-meteorological impacts in coastal island states. Global Risk Forum August 2014.

Grabich S*, Horney JA. Comparing methods of determining exposure to hurricanes. Natural Hazards Center Annual Workshop. June 2014.

Vielot N*, Horney JA. Can merging public health preparedness and emergency management improve planning and response? Natural Hazards Center Annual Workshop June 2014.

Alfano-Sobsey E, Ledford SL, Decosimo KP, Horney JA. Public Health, Hospitals, and Academia: A Collaborative Model for Conducting a Community Health Needs Assessment in Wake County, North Carolina. NACCHO Annual Meeting July 2014.

Grabich S*, Horney JA, Conrad C. Measuring the storm: Methods of quantifying hurricane exposure in the public health literature. Society for Epidemiologic Research Annual Meeting June 2014.

Salvesen D, Berke P, Combs T*, Horney J, Kolosna K*. Resilience in planning: Assessing vulnerability to climate change in coastal communities. Carolinas Climate Resilience Conference April 2014.

Bevc CA, Simon MC, Horney JA. Success in Building Competency and Preparedness Capability for At-Risk Populations Planning. NACCHO Public Health Preparedness Summit April 2014.

Horney JA, Dwyer C*, Aminto M*, Berke P, Smith G. Developing Indicators to Measure Post-Disaster Community Recovery. Annual Meeting of the Coastal Hazards Center of Excellence January 2014.

Simon M, Horney J, Decosimo K, Alfano-Sobsey E, Hagar P. Using Geographic Information Systems (GIS) as a tool to build academic and community collaboration for conducting community health assessments. APHA Annual Meeting November 2013.

Donovan K*, Markiewicz M, Horney J. Restructuring regional preparedness: Are new teams providing more services to local health departments. APHA Annual Meeting November 2013.

Simon M, Decosimo K, Wilfert R, Horney J. Primary Data Collection Methods for Community Health Needs Assessments in North Carolina. North Carolina Society for Public Health Education Annual Meeting October 2013.

Simon M, Horney J. Using disaster assessment methodology as an approach to collect data for community health assessments in Wake County, North Carolina. North Carolina Public Health Association Annual Meeting September 2013.

Hyman TA*, Horney J, Taylor M. Community emergency management systems for mitigating hydro-meteorological events in Bluefields, Jamaica. Fulbright NEXUS Regional Scholar Program September 2013.

Horney J, Miles S, Rozdilsky J. Research from the National Hazards Center Quick Response Grant Program. Natural Hazards Center Annual Workshop July 2013.

Abramson D, Morrison M, Horney J, Plough A. How Public Health Informs and Inspires Disaster Science, Policy, and Practice. Natural Hazards Center Annual Workshop July 2013.

Bevc C, Simon M, Montoya T, Horney JA. Institutional Facilitators and Barriers to Local Public Health Preparedness Planning for Vulnerable and At-Risk Populations. Natural Hazards Center Annual Workshop July 2013.

Bevc C, Simon M, Montoya T, Horney JA. Variation in Planning Priorities for Vulnerable and At-Risk Populations. International Research Committee for Disasters July 2013.

Horney J, Ricchetti-Masterson K*, Wilfert R. The South Carolina Medical Reserve Corps: Providing Outbreak Surge Capacity. NACCHO Public Health Preparedness Summit February 2013.

Bevc C, Simon M, Horney J. Public Health Preparedness Planning for Vulnerable and At-Risk Populations: Preliminary Results from the Vulnerable and At-Risk Populations Resource Guide. NACCHO Public Health Preparedness Summit February 2013.

Bevc C, Horney J. Applying Network-based Measures to Generate Cross-Comparisons of Preparedness. NACCHO Public Health Preparedness Summit February 2013.

Ricchetti-Masterson K*, Horney JA. Social Factors as Modifiers of Hurricane Irene Evacuation Behavior in Beaufort County, NC. North Carolina Public Health Association Annual Conference September 2012.

Wallace JW*, Poole C, Horney JA. Actual and Perceived Flood Risk in Evacuation from Hurricane Irene in Beaufort County, NC. Floodplain Management Association Annual Conference September 2012.

CA Bevc, ML Markiewicz, E Samoff, JA Horney, PDM MacDonald. Network-Based Assessment of Brokerage Roles within the Hospital-Based Public Health Epidemiologist Program. Annual Meeting of the American Sociological Association August 2012.

Horney JA, Sutton J, Pearce L. Plans and Practices: Promoting Rural Community Resiliency. Natural Hazards Center Annual Workshop July 2012.

Bevc C, Simon M, Markiewicz M, Horney JA. Vulnerable and At-Risk Populations Resource Guide. Natural Hazards Center Annual Workshop July 2012.

Grabich S*, Horney J. Evaluation of the usefulness of Social Vulnerability Indices in rural U.S. counties. Society for Epidemiologic Research June 2012.

Horney JA, MacDonald PDM, Casani J. Improving the Effectiveness of Regional Public Health Workforce Assets. NACCHO Public Health Preparedness Summit February 2012.

Bevc C, Simon M, Markiewicz M, Horney J, Benson P, Fuller-Moore A, Varma A, Casani J, MacDonald PDM. Integrating vulnerable and at-risk populations into public health preparedness planning. NACCHO Public Health Preparedness Summit February 2012.

Zotti M, Williams A, Horney JA. Using Disaster Experiences to Guide Emergency Preparedness & Response for Women & Infants. Annual Maternal and Child Health Epidemiology Conference December 2011.

Alexander LK, Colvin N, Heiss G, Horney JA. Linking academics and practice: Graduate student practicum experiences in epidemiology. APHA Annual Meeting November 2011.

Horney JA, Markiewicz M, Patil N*, Casani J, Levine M, MacDonald PDM. Services provided by regional preparedness and response teams in North Carolina and Virginia. APHA Annual Meeting November 2011.

Horney JA, Davis MK, Ricchetti-Masterson KL*, MacDonald PDM. Can Team Epi-Aid lead students to careers in applied public health? APHA Annual Meeting November 2011.

Treleven E*, Morgan D, Pena R, Horney JA. RotaTeq coverage and perceive barriers to vaccination in a rural health district in RAAN, Nicaragua. APHA Annual Meeting November 2011.

Bevc CA, Hegle J, Simon MC, Markiewicz ML, Horney JA, Benson P, Moore AF, Casani J, MacDonald PDM. Integrating Vulnerable and At-Risk Populations into Closed POD Exercise Planning. NC Public Health Association September 2011.

Bevc CA, Markiewicz ML, Hegle J, Horney JA, Deyneka L, MacDonald PDM. Application of Social Network Analysis to a Public Health Preparedness-Funded Workforce Program. AcademyHealth Annual Research Meeting June 2011.

Horney JA, Davis SED, Fleischauer A, Davis M, Ranapurwala S*. Use of the Community Assessment for Public Health Emergency Response (CASPER) in North Carolina, 2003 to 2010. CSTE Annual Meeting June 2011.

MacDonald PDM, Horney JA, Markiewicz M, Hegle J, Dyneka L, Maillard JM, Davies M. Enhancing epidemiology capacity for communicable disease management: North Carolina's hospital-based public health epidemiologist program. CSTE Annual Meeting June 2011.

Bevc CA, Rosselli RT, Simon MC, Greene DM, Horney JA, Casani J, MacDonald PDM. Community-based Vulnerabilities associated with Local Radiological Hazard Risk. Annual Meeting of the Midwest Sociological Society March 2011.

Bevc CA, Rosselli R, Simon M, Horney JA. Potassium Iodide (KI) Distribution and Education within the 10-mile Emergency Planning Zone (EPZ) of a Nuclear Power Plant in North Carolina. NACCHO Public Health Preparedness Summit February 2011.

DiBiase L, Davis SHE, Smith-Craig H, Rosselli R, Ranapurwala SI*, Casani J, Horney JA. Evaluating local health departments' H1N1 vaccination campaigns: Lessons learned. NACCHO Public Health Preparedness Summit February 2011.

Horney JA, Williams A, Zotti M. Two-Stage Cluster Sampling with Referral: Improving the Efficiency of Estimating Unmet Needs among Pregnant and Postpartum Women after Disaster. Annual Maternal and Child Health Epidemiology Conference December 2010.

Wallace J*, Alexander L, Wilfert R, Horney JA, MacDonald PDM. Assessing outcomes of an online training web site: A retrospective survey of training participants. APHA Annual Meeting November 2010.

Simon M, Horney JA. Implementation of a spatial health assessment and research program (SHARP). APHA Annual Meeting November 2010.

Nelson A, Horney JA, Michaelove J, Mott J. Implementation of guidelines-based train-the-trainer influenza surveillance workshops for Russia and Eastern European nations. APHA Annual Meeting November 2010.

Horney JA, Hegle J, Markiewicz M, MacDonald PDM. Organizational capacity of Public Health Regional Surveillance Teams in North Carolina. APHA Annual Meeting November 2010.

Sloane AB, Joines A, Brown WD, Moore T, Connelly A, Horney JA, Wilfert R. Initial training on a statewide electronic surveillance system for childhood blood lead: Successes, challenges, and lessons learned. APHA Annual Meeting November 2010.

Dickinson M* and Horney JA. Barriers to Contraceptive Use in Tasba-Pri, Nicaragua. Annual Meeting of the Association of Reproductive Health Professionals September 2010.

Horney JA, Dickinson M*, Hsai J, Williams A, Zotti M. Assessing the needs of pregnant and postpartum women after flooding in Northwest Georgia. Annual Meeting of the Association of Reproductive Health Professionals September 2010.

Horney JA, Dickinson M*, Hsai J, Williams A, Zotti M. Improving the Efficiency of Estimating Unmet Needs among Pregnant and Postpartum Women after Disasters in Two Communities: Two-Stage Cluster Sampling with Referral. Natural Hazards Center Annual Hazards Workshop July 2010.

Heumann M, Horney JA, Noe R. Council of State and Territorial Epidemiologists disaster epidemiology subcommittee: Engaging partners and using surveillance data for public health response. NACCHO Public Health Preparedness Summit February 2010.

Berkelman R, Bryson R, Diesel J, Horney JA. How agencies utilize student capital during emergencies: A student organization perspective. NACCHO Public Health Preparedness Summit February 2010.

Horney JA, Meyer AM, Markiewicz M, MacDonald PDM. Organizational capacity of regional public

health surveillance teams in North Carolina. NACCHO Public Health Preparedness Summit February 2010.

Gunther Mohr C, Horney JA. Disaster behavioral resources from the NC Center for Public Health Preparedness. NACCHO Public Health Preparedness Summit February 2010.

Horney JA, Meyer AM, Markiewicz M, MacDonald PDM. Services and support provided by Public Health Regional Surveillance Teams (PHRSTs) to Local Health Departments in NC. NACCHO Public Health Preparedness Summit February 2010.

Alexander LK, Horney JA, Markiewicz M, MacDonald PDM. Ten guiding principles of a comprehensive internet-based public health preparedness educational program. NACCHO Public Health Preparedness Summit February 2010.

Horney JA, Baker EL. A community based rapid needs assessment of knowledge and intent to receive seasonal and novel influenza A (H1N1) vaccines. APHA Annual Meeting November 2009.

Alexander LK, Irwin D, Nelson A, Yeatts K, Horney JA. Enhancing interaction in a graduate level online certificate program in field epidemiology using wikis, blogs and web conferencing. APHA Annual Meeting November 2009.

Alexander LC, Nelson A, Michalove J, Mott J, Horney JA. Developing an online course for international public health practitioners using Lectora. APHA Annual Meeting November 2009.

Horney JA. Factors Associated with Risk of Evacuation Failure from Hurricane Isabel in NC, 2003. Natural Hazards Center Annual Hazards Workshop July 2009.

Horney JA. Measuring hurricane preparedness: Few residents meet American Red Cross recommendations for preparedness in coastal NC community. APHA Annual Meeting October 2008.

Horney JA, Rybka T, MacDonald PDM. E is for Epidemiology, P is for Practice, I is for Investigation: An applied epidemiology training series for non-epidemiologists. APHA Annual Meeting October 2008.

Horney JA, Ramsey S, Hajat A*, Anderson M, MacDonald PDM. Partnerships to improve local public health: Workforce surge capacity and GIS technologies advance community health assessments in North Carolina. APHA Annual Meeting October 2008.

Snider C*, Deyneka S, Horney JA, MacDonald, PDM. Review of the hospital-based public health epidemiologist program in North Carolina. APHA Annual Meeting October 2008.

Anderson M, Hajat A*, Horney JA, MacDonald PDM. Team Epi-Aid: A 5-year evaluation of graduate student assistance with urgent public health response. APHA Annual Meeting October 2008.

Horney JA. Missed opportunities: Incorporating health education into emergency response. Society for Public Health Education September 2008.

Taylor R, Goode B, Horney JA, Sunenshine R, Chester T, Mott J. Developing and Training Multi-Agency Rapid Response Teams for Outbreaks of Avian Influenza in the US. NACCHO Public Health Preparedness Summit February 2008.

McKnight M*, Davis M, Alexander L, Wallace JW*, Simeonsson K, Horney JA, MacDonald PDM. Lessons learned from a pilot online course on pandemic influenza preparedness for local health departments in North Carolina. APHA Annual Meeting November 2007.

Gunther-Mohr C, Wallace JW*, Alexander L, Bradley L, Horney JA, MacDonald PDM. Why take 30 minute preparedness training modules? Participant perception of utility and effectiveness. APHA

Annual Meeting November 2007.

Alexander LK, Wallace JW*, Wilfert RA, Griffin J*, Horney JA, MacDonald PDM. Maintaining currency and quality in an online distance learning system: Lessons learned. APHA Annual Meeting November 2007.

Horney JA, Gammon L, Ramsey S. Living in flood hazard zones and hurricane evacuation behavior: Results of a pre-hurricane assessment in Carteret County, North Carolina. Natural Hazards Center Workshop, University of Colorado July 2007.

Horney JA. Public Health Emergency Law: Planning, implementation, and evaluation of the foundational course developed by the Centers for Disease Control and Prevention Public Health Law Program. APHA Annual Meeting November 2006.

Horney JA, Rothney E. Evaluation of the Certificate Program in Community Preparedness and Disaster Management. APHA Annual Meeting November 2006.

Harrison LM, Rothney E, Horney JA, MacDonald PDM. Using technology and partnerships across academic and practice agencies to promote a lifelong learning infrastructure in public health. APHA Annual Meeting November 2006.

Harrison LM, Rothney E, Horney JA, MacDonald PDM. Implementing an academic/practice partnership model in local health departments across North Carolina: Promoting a lifelong learning initiative for a better prepared public health workforce. APHA Annual Meeting November 2006.

Alexander L, Horney JA, MacDonald PDM. Guiding principles of a comprehensive Internet-based public health preparedness training program. APHA Annual Meeting November 2006.

Horney JA. What does status have to do with it? Modeling hurricane evacuation behavior. Hazards and Disasters Researchers Meeting, Texas A&M University July 2006.

Horney JA. Rapid response project: Public health utilization of handheld technology to conduct Rapid Needs Assessments following outbreaks and disasters. Natural Hazards Center Workshop, University of Colorado July 2006.

Horney JA. Pandemic and what it means for the hazards and disasters community. Natural Hazards Center Workshop, University of Colorado July 2006.

Horney JA, Smith M. Rapid response project: Using handheld technology for Rapid Needs Assessments during outbreaks and natural disasters. NACCHO Annual Meeting July 2006.

Horney JA. Public health responds to disasters and emergencies. North Carolina All Hazards Conference March 2006.

Horney JA, MacDonald PDM, Rothney E, Alexander L. Online training in public health preparedness: Who's taking it and what are they learning? APHA Annual Meeting December 2005.

Harrison LM, Rothney E, Horney JA, MacDonald PDM. Building training plans for the local public health workforce based on assessed need in preparedness and core public health competencies. APHA Annual Meeting December 2005.

Alexander L, Horney JA, MacDonald PDM. Development, implementation, and evaluation of an Internet based public health preparedness training site for public health professionals. APHA Annual Meeting December 2005.

MacDonald PDM, Rothney E, Hajat A, Horney JA. Evaluation of the University of North Carolina's Team Epi-Aid program: Satisfaction of the public health department partners and student participants. APHA Annual Meeting December 2005.

Alexander L, Dail K, Davis MK, Hajat A, Rothney E, Rybka T, Kipp A*, Horney JA, Maillard JM, MacDonald PDM. Implementation of a hybrid Internet/classroom-based communicable disease continuing education course for public health nurses in North Carolina. APHA Annual Meeting December 2005.

Baker EL and Horney JA. Public health effects of Hurricane Katrina. University of North Carolina Forum September 2005.

Alexander L, Horney JA, MacDonald PDM. Development of a training web site for public health professionals. CDC Distance Learning Summit September 2005.

Horney JA and MacDonald PDM. FOCUS on Field Epidemiology periodical: A model for estimating outreach. CPHP Annual Meeting July 2005.

Horney JA, MacDonald PDM, Rothney E, Alexander L. Determining user satisfaction with online preparedness training. Academy Health Annual Meeting June 2005.

Horney JA, Solliceto W, Alexander L. Using distance learning to address the preparedness needs of the public health practitioner community. APHA Annual Meeting November 2004.

MacDonald PDM, Horney JA. Applied public health training for UNC School of Public Health Students in North Carolina. APHA Annual Meeting November 2004.

MacDonald PDM, Torok M*, Horney JA. Team Epi Aid: Building partnerships among local, state, federal and academic organizations during a multi-state Hepatitis A outbreak. APHA Annual Meeting November 2004.

MacDonald PDM, Horney JA. Team Epi-Aid: Building partnerships among local, state, federal, and academic organizations during outbreaks or other public health emergencies. NACCHO Annual Meeting July 2004.

Horney JA. Improving public health preparedness for a broad public health audience using short, online continuing education courses. ASPH Charting the Future of Flexible Learning in Public Health June 2004.

OTHER PRESENTATIONS

Texas A&M Undergraduate Research Summer Poster Session, August 2018 – *co-authored poster presentations with 22 undergraduate student researchers funded as part of a National Science Foundation REU*

Texas A&M Undergraduate Research Summer Poster Session, August 2017 – *co-authored poster presentations with 12 undergraduate student researchers funded as part of a National Science Foundation REU; mentored student received first place poster at Texas A&M University GIS Day*

Texas A&M Undergraduate Research Summer Poster Session, August 2016 – *co-authored poster presentations with 12 undergraduate student researchers funded as part of a National Science Foundation REU; mentored students received first and second place overall (out of 215 students)*

MEDIA

CNN.com. Fact Check: White House falsely claims the coronavirus has been contained in the U.S., March 7, 2020, <https://www.cnn.com/2020/03/07/politics/fact-check-white-house-coronavirus-contained/index.html>.

BusinessInsider.com, Gig economy workers say they'll have to work through the coronavirus outbreak even if they get sick, March 6, 2020, <https://www.businessinsider.com/the-gig-economy-with-lack-of-sick-leave-spreading-coronavirus-2020-3>.

HospitalityNet.org, COVID-19: Tips for Hotel Managers, March 6, 2020, <https://www.hospitalitynet.org/opinion/4097377.html>.

UDaily, Expert insight on coronavirus, March 5, 2020, <https://www.udel.edu/udaily/2020/march/epidemiology-coronavirus-COVID19/>.

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The Counter, As coronavirus panic deepens, online food orders are booming, March 5, 2020, <https://thecounter.org/coronavirus-panic-surgings-meal-delivery-online-food-ordering/>.

Live Science, How deadly is the new coronavirus? Data from the spread of U.S. cases could help answer that, March 4, 2020, <https://www.livescience.com/how-deadly-is-coronavirus-covid-19.html#xenforo-comments-1172>.

West Virginia Public Broadcasting, Understanding coronavirus risks in West Virginia, March 4, 2020, <https://www.wvpublic.org/post/understanding-coronavirus-risks-wva#stream/0>.

Appalachia Health News, Coronavirus risk is low in W.Va. – Preparing for it is just good public health. March 3, 2020, <https://www.wvpublic.org/post/coronavirus-risk-low-wva-preparing-it-just-good-public-health#stream/0>.

The Review, What does coronavirus mean for UD? February 17, 2020, <http://udreview.com/editorial-what-does-coronavirus-mean-for-ud/>.

Delaware Public Media, Learning more about the coronavirus. January 31, 2020, <https://www.delawarepublic.org/post/learning-more-about-coronavirus>.

WalletHub, 2019's Safest Cities in America, December 2, 2019, <https://wallethub.com/edu/safest-cities-in-america/41926/#expert=jennifer-a-horney>.

Delaware Public Media, University of Delaware researchers to plan flood mitigation projects on vacant lots in Wilmington, November 21, 2019, <https://www.delawarepublic.org/post/ud-researchers-plan-flood-mitigation-projects-vacant-lots-wilmington>.

Philadelphia Inquirer, A Super Bowl baby bump? Not in Philadelphia after the 2018 Eagles win, October 12, 2019, <https://www.inquirer.com/news/super-bowl-babies-eagles-myth-20191013.html>.

National Institute for Environmental Health Sciences, Environmental Factor, Disaster research planning pays off after hurricane, October 2, 2019, <https://factor.niehs.nih.gov/2019/10/feature/2-feature-hurricane/index.htm>.

Healthline.com, Why hurricanes can still be dangerous after the storm passes, September 6, 2019, <https://www.healthline.com/health-news/the-hurricane-hazards-that-appear-after-the-storm>.

WDEL Health Watch, Working to prevent future disease outbreaks, June 18, 2019, https://www.wdel.com/features/podcast-healthwatch-working-to-prevent-future-disease-outbreaks/article_8e770d8e-91e1-11e9-b77c-9be4aea88e82.html.

National Institute for Environmental Health Sciences, What's New? Superfund Research Programs translating research to assessments and planning for a changing climate, April 24, 2019, <https://www.niehs.nih.gov/research/supported/centers/srp/news/index.cfm>.

Los Angeles Times, Congress launches probe on why Texas and the EPA stopped NASA from tracking Hurricane Harvey pollution, March 6, 2019, <https://www.latimes.com/local/california/la-me-nasa-congress-houston-epa-hurricane-harvey-20190306-story.html>.

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IEEE Engineering in Medicine and Biology Society, Natural Disasters and Public Health, February 11, 2019, <https://pulse.embs.org/january-2019/natural-disasters-and-public-health/>.

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SKILLS

CASPER and Rapid Needs Assessment using Global Positioning and Geographic Information Systems

Proficient in SAS and EpiInfo

Familiarity with STATA and Sigma Plot

Extensive international work in developing countries in Asia, Central America and the Western Pacific

Proficient in Course Management Systems, including Canvas, Sakai, Blackboard, WebCT and Moodle

Certification in DACUM (Developing a Curriculum) and SCID (Systematic Curriculum and

Instructional Development) from the Center of Education and Training at Ohio State University

Proficient in Spanish