

# Jennifer A. Horney, PhD, MPH, CPH

## PROFESSIONAL EXPERIENCE

### Academic Appointments

#### **Associate Professor** / 2014 –

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

Instructor for Epidemiologic Methods I

Instructor for Methods in Field Epidemiology

#### **Faculty Fellow** / 2014 –

*Hazard Reduction and Recovery Center, Texas A&M University College of Architecture*

#### **Adjunct Assistant Professor** / 2014 – 2017

#### **Research Assistant Professor** / 2009 – 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** / 2007

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

Principles of Epidemiology for Public Health

#### **Adjunct Clinical Instructor** / 2004-2007

*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

#### **Convener, Water Security Research Interest Group** / 2016 – 2017

*Texas A&M University*

Working with the Texas A&M Division of Research to bring together researchers across campus interested in different aspects of water security

#### **Program Lead, Texas A&M Environmental Grand Challenge, Health and Environment Program** / 2016 –

*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 -**

*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 -**

*Texas A&M Health Science Center*

**Founder and Manager, EpiAssist / 2015 -**

*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 since 2003)

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**

**Public Health Emergency Preparedness Consultant / 2014 -**

*RTI International and Avar Consulting*

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 / 2011-12**

*Child Fund International*

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

**Epidemiology Consultant / 2010-12**

*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)

*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:**

<http://www.ncbi.nlm.nih.gov/sites/myncbi/1Nqhvye2mvgk9/bibliography/47821689/public/?sort=date&direction=ascending>

Smitherman S\*, Goldberg D, Hammond, T, **Horney JA**. The feasibility of using Community Assessment for Public Health Emergency Response to assess the prevalence of risk factors for Neglected Tropical Diseases in Texas. Under review at *PLoS Neglected Tropical Diseases* (24 pages, submitted 9/16/16)

Schenkel J\*, Hammond T, Goldberg D, **Horney JA**. Identifying potential mosquito breeding grounds: Assessing the efficiency of using Unmanned Aerial Vehicles for Public Health Surveillance. Under review at *Emerging Infectious Diseases* (10 pages, submitted 9/15/16)

Stone K\*, Sierocki A, Shah V, Ylitalo KR, **Horney JA**. 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. Under review at *Journal of Public Health Management and Practice* (14 pages, submitted 8/19/16)

Sansom G\*, Berke P, McDonald T, Shipp E, **Horney JA**. Evaluating the impact of race and gender on environmental risk perceptions in the Houston neighborhood of Manchester. Under review at *Health Risk and Society* (19 pages, submitted 8/12/16)

Rosenheim N\*, Grabich SC\*, **Horney JA**. Disaster impacts on cost and utilization of Medicare. Under review at *BMC Health Services Research* (26 pages, submitted 7/29/16)

Sansom G\*, Stone K\*, Feldt B, **Horney JA**. Investigating injuries seen in area physician offices after a fertilizer plant explosion. Under review at *Trauma Case Reports* (10 pages, submitted 7/20/16)

**Horney JA**, Dwyer C\*, Chirra B\*, McCarthy K, Shafer J, Smith G. Measuring successful disaster recovery. Under review at *International Journal of Mass Emergencies and Disasters* (25 pages, submitted 6/30/16)

Shah V\*, Kirsch KR, Cervantes D, Zane D, Haywood T, **Horney JA**. Flash flood swift-water rescues, Texas, 2005-2014. Under review at *Climate Services* (18 pages, submitted 5/15/16)

Wallace JW\*, Williams C, **Horney JA**, Weber DJ, Meshnick SR, Denslow SA. Risk factors associated with La Crosse Encephalitis in western North Carolina, 2010-2012. Under review at *Zoonosis and Public Health* (20 pages, submitted 10/23/15)

Grabich SC\*, Robinson WR, Konrad C, **Horney JA**. Impact of hurricane exposure on reproductive health outcomes, Florida, 2001. In press at *Disaster Medicine and Public Health Preparedness*.

Sansom G\*, 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: 839.

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, Robinson 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. (2016) 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).

**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**, Dwyer C\*, Aminto M\*, Berke P, Smith G. (2016) Developing indicators to measure post-disaster community recovery. *Disasters*. DOI: 10.1111.disa.12190.

**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 K, **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.

Alfano-Sobsey E, Ledford SL, Decosimo KP, **Horney JA**. (2014) Community Health Needs Assessment in Wake County, NC: Partnership of public health, hospitals, academia and other stakeholders. *North Carolina Medical Journal* 75(6):1-9.

Malilay J, Heumann M, Perrotta D, Wolkin AF, Schnall AH, Podgornik MN, Cruz MA, **Horney JA**, Zane D, Roisman R, Greenspan JR, Thoroughman D, Anderson HA, Wells EV, Simms EF. (2014) The role of applied epidemiology methods in the disaster management cycle. *American Journal of Public Health* 104(11):2092-2102. DOI:10.2105/AJPH.2014.302010.

Wallace JW\*, Poole C, **Horney JA**. (2014) The association between actual and perceived flood risk and evacuation from Hurricane Irene in Beaufort County, NC. *Journal of Flood Risk Management*. DOI: 10.1111/jfr3.12115.

Conley A, Vagi S, **Horney JA**. (2014) Use of the Community Assessment for Public Health Emergency Response to conduct Community Health Assessments for Public Health Accreditation. *Journal of Public Health Management and Practice* 20(5): 490-497.

**Horney JA** and Wilfert RA. (2014) Accelerating Preparedness: Projects from the University of North Carolina at Chapel Hill PERLC. *Journal of Public Health Management and Practice* 20(5): S76-S78.

Shay E, Combs T, Salvesen D, DeTrizio D\*, **Horney JA**. (2014) Assessing disaster preparedness of officials and residents in two North Carolina counties. *Journal of Geography and Natural Disasters* 4(125): 2167-0587. doi:10.4172/2167-0587.1000125.

Donovan K\*, Markiewicz M, **Horney JA**. (2014) Changes in public health preparedness services provided to local health departments by regional offices in North Carolina: A comparison of two cross-sectional studies. *BMC Research Notes* 7(1):319. DOI: 10.1186/1756-0500-7-319.

Vielot N\*, **Horney JA**. (2014) Can merging the role of public health preparedness coordinator and emergency manager increase efficiency and effectiveness of public health response? *International Journal of Environmental Research and Public Health* 11(3):2911-2921.

**Horney JA**, Davis, MK, Ricchetti-Masterson K\*, MacDonald PDM. (2014) Fueling the public health practice workforce pipeline through student surge capacity response teams. *Journal of Community Health* 39(1):35-39.

Rosselli R, Bevc C, Simon M, Casani J, **Horney JA**, MacDonald PDM. (2013) Residential Household Knowledge and Receipt of Potassium Iodide within the 10-mile Emergency Planning Zone of a Nuclear Power Plant in North Carolina. *International Journal of Mass Emergencies and Disasters* 31(2):204-218.

Wallace JW\*, **Horney JA**, Wilfert RA, Alexander LK. (2013) Assessing outcomes of online training: Changes in individual and organizational knowledge and capacity. *Pharmacy* 1(2):107-118. DOI:10.3390/pharmacy1020107.

**Horney JA**, Nguyen M, Cooper J, Simon M, Ricchetti-Masterson K\*, Grabich S\*, Salvesen D, Berke P. (2013) Accounting for vulnerable populations in rural hazard mitigation plans: Results of a survey of emergency managers. *Journal of Emergency Management* 11(3):205-211.

Ricchetti-Masterson K\* and **Horney JA**. (2013) Social factors as modifiers of Hurricane Irene evacuation behavior in Beaufort County, NC. *PLoS Currents: Disasters*. Available at: <http://currents.plos.org/disasters/article/social-factors-as-modifiers-of-hurricane-irene-evacuation-behavior-in-beaufort-county-nc/>.

**Horney JA**, Davis MK, Davis SHE, Fleischauer A. (2013) An evaluation of Community Assessment for Public Health Emergency Response (CASPER) in North Carolina, 2003-2010. *Prehospital and Disaster Medicine* 28(2):1-5.

Zotti M, Williams A, Robertson M, **Horney JA**, Hsia J. (2013) Post-disaster reproductive health outcomes. *Maternal and Child Health Journal* 17(5): 783-96.

Wynter SA\*, **Horney JA**, Ivy JS. (2012) Simulating a public health emergency: A case study of the 2004 North Carolina State Fair E. Coli O157 outbreak. *Risk, Hazards & Crisis in Public Policy* 3(3): 69-82.

Bevc C, Markiewicz M, Hegle J, **Horney JA**, MacDonald PDM. (2012) Assessing the roles of brokerage: An evaluation of a hospital-based Public Health Epidemiologist program, North Carolina. *Journal of Public Health Management and Practice* 18(6):577-584.

**Horney JA**, Naimi A\*, Lyles W\*, Simon M, Salvesen D, Berke P. (2012) Assessing the relationship between hazard mitigation plan quality and rural status in a cohort of 59 counties from 3 states in the Southern United States. *Challenges* 3(2):183-193.

**Horney JA**, Williams A, Hsia J, Zotti M. (2012) Cluster sampling with referral to improve the efficiency of estimating unmet needs among pregnant and postpartum women after disasters. *Women's Health Issues* 22(3):253-257.

Markiewicz M, Hegle JA, Bevc C, **Horney JA**, MacDonald PDM. (2012) Linking Public Health Agencies and Hospitals for Improved Emergency Preparedness: North Carolina's Public Health Epidemiologist Program. *BMC Public Health* 12:141.

**Horney JA**, MacDonald PDM, Van Willigen M, Kaufman JS. (2012) The importance of effect measure modification when using demographic variables to predict evacuation. *Risk, Hazards & Crisis in Public Policy* 3(1):1-19.

**Horney JA**, Ramsey S, Smith M, Johnson M, MacDonald PDM. (2011) Implementing mobile geographic information system technology in North Carolina to enhance emergency preparedness: Evaluation of associated trainings and exercises. *Journal of Emergency Management*. 9(5): 47-55. DOI:10.5055/jem.2011.0073.

DiBiase L, Davis SE, Rosselli R, **Horney JA**. (2011) Evaluation of the implementation of the H1N1 vaccine. *Vaccine* 29 (23): 3969-76.

Hegle J, Markiewicz M, Benson P, Rosselli R, **Horney JA**, MacDonald PDM. (2011) Lessons Learned from NC Public Health Regional Surveillance Teams regional exercises. *Biosecurity and Bioterrorism: Biodefense Strategy, Practice and Science* 9(1): 41-47.

**Horney JA**, Markiewicz M, Casani J, Hegle JA, MacDonald PDM. (2011) Regional public health preparedness teams in North Carolina: An analysis of their structural capacity and impact on services provided. *American Journal of Disaster Medicine* 6(2): 109-17.

Denslow SA\*, Edwards J\*, **Horney JA**, Peña R, Wurzelmann D, Morgan D. (2010) Improvement to water purification and sanitation infrastructure may reduce the diarrheal burden in a marginalized and flood prone population in remote Nicaragua. *BMC International Health and Human Rights* 10(30), Available at <http://www.biomedcentral.com/1472-698X/10/30>.

**Horney JA**, Moore Z, Davis MK, MacDonald PDM. (2010) Intent to receive pandemic influenza A (H1N1) vaccine, ability to comply with social distancing and sources of H1N1 information in North Carolina communities. *Public Library of Science ONE* 5 (6), Available at: <http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0011226>.

**Horney JA**, Markiewicz M, Meyer AM, MacDonald PDM. (2010) Support and services provided by Public Health Regional Surveillance Teams to Local Health Departments in North Carolina. *Journal of Public Health Management and Practice* 17 (1), E7-E13.

MacDonald PDM, Davis MK, **Horney JA**. (2010) Review of the UNC Team Epi Aid graduate student epidemiology response program 6 years after implementation. *Public Health Reports* 125, 70-77.

Alexander LK, **Horney JA**, Markiewicz M, MacDonald PDM. (2010) Ten guiding principles of a comprehensive internet based public health preparedness educational program. *Public Health Reports* 125, 51-60.

**Horney JA**, MacDonald PDM, Van Willigen M, Berke P, Kaufman J. (2010) Individual actual or perceived flood risk: Did it predict evacuation from Hurricane Isabel in North Carolina? *Risk Analysis* 30 (3), 501-511.



**Horney JA**, MacDonald PDM, Van Willigen M, Berke P, Kaufman J. (2010) Factors associated with risk of evacuation failure from Hurricane Isabel in North Carolina, 2003. *International Journal of Mass Emergencies and Disasters* 28 (1), 33-58.

Moore Z, Standberry N, Bergmire-Sweat D, Maillard JM, **Horney JA**, MacDonald PDM, Fleischauer AT, Dailey NJ. (2009) Intent to receive Influenza A (H1N1) monovalent and seasonal influenza vaccines – Two Counties, North Carolina, 2009. *Morbidity and Mortality Weekly Report* 58 (50), Available at: <http://www.cdc.gov/mmwr/preview/mmwrhtml/mm5850a1.htm>

Rosselli R, Simeonson K, McKnight M, Alexander L, **Horney JA**, MacDonald PDM. (2009) A web-based pandemic influenza training course for local health department planners. *Journal of Interactive Instructional Development* 20 (3), 3-9.

**Horney JA**. (2009) Evaluation of the Community Preparedness and Disaster Management Certificate Program at the University of North Carolina School of Public Health. *Public Health Reports* 124 (4), 610-616.

Alexander LK, Wallace JW, Wilfert RA, **Horney JA**. (2009) Development of a training web site for public health preparedness continuing education. *Journal of Interactive Instructional Development* 20 (1), 28-38.

**Horney JA**, Snider C\*, Gammons L, Ramsey S. Factors associated with hurricane preparedness: Results of a pre-hurricane assessment. (2008) *Journal of Natural Disasters* 3 (2), 143-149.

Alexander L, Dail K, Davis MK, Wallace JW\*, **Horney JA** J, Maillard JM, MacDonald PDM. (2008) Partnering to meet training needs: A communicable disease continuing education course for public health nurses. *Public Health Reports* (Supp.), S36-43.

**Horney JA**, MacDonald PDM. (2007) Academic public health community responds to hurricanes: A history of the University of North Carolina School of Public Health response and new infrastructure 1999-2005. *Public Health Reports*, 122, 270-276.

**Horney JA**, Solliceto W, Alexander L. (2005). Competency-based preparedness training for public health practitioners. *Journal of Public Health Management and Practice* 11 (Supp.), S90-S94.

**Horney JA**, MacDonald PDM, Rothney E, Alexander L. (2005) User patterns and satisfaction with online trainings completed on the North Carolina Center for Public Health Preparedness training web site. *Journal of Public Health Management and Practice* 11 (Supp.), S147-S149.

**Horney JA**, (2000) Representing the penny press revolution of the 1830s: Reading the newspaper in 19th-Century American genre painting. *Columbia Journal of American Studies* 4 (1), 24-40.

## Books

**Horney JA** (Ed.). *Disaster Epidemiology: Methods and Applications*. Under contract with Elsevier. Expected January 2017.

## Book Chapters

Bevc C, **Horney JA**, Shoaf K. Public Health and Disasters. In *Handbook of Disaster Research*. In preparation with University of Delaware Press.

Vielot N\*, **Horney JA**. Can merging the role of public health preparedness coordinator and emergency manager increase efficiency and effectiveness of public health response? In GB Kapur

(Ed.) *International Disaster Health Care: Preparedness, Response, Resource Management, and Education*. In press with Taylor and Francis.

Berke P, Cooper J, Aminto M\*, Grabich S\*, **Horney JA**. Adaptive planning for disaster recovery and resiliency: An evaluation of 87 local recovery plans in eight states. In RB Olshansky (Ed.) *Urban Planning After Disasters*. In press with Routledge.

**Horney JA** and Sansom G\*. Emergency Preparedness and Response Planning. In WG Peacock and S Van Zandt (Eds.) *Planning for Disaster Resilience* In press with Routledge.

**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.

**Horney JA**, MacDonald PDM, Van Willigen M, Berke P, Kaufman J. (2011). Factors associated with hurricane evacuation in North Carolina. In AR Lupo (Ed.) *Hurricane Research* Vienna: InTech Publications.

### **Other Publications (Not Peer Reviewed)**

**Horney JA**. Aggies learn while reaching out to others. *The Eagle*. November 3, 2015: 4A.

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/>

New York Recovery Network. Measuring Recovery: Web-based tool being developed. (2014). Available at: <https://max.omb.gov/community/display/DHSEExternal/NYRN+-+Measuring+Recovery+Web-based+tool+being+developed>

Tinling M, Simon M, **Horney JA**. (2012) Community assessments: public safety and health messaging during 2011 Holly Shelter Game Land wildfire, Pender County, NC. *EpiNotes*. North Carolina Department of Health and Human Services: Raleigh, NC. Available at: <http://epi.publichealth.nc.gov/pdf/en2012-1.pdf>

American Planning Association Recovery Blog: Tracking the Benefits of Resident Participation in Hazard Planning. (2012). Available at: [blogs.planning.org/postdisaster/2012/05/30/tracking-the-benefits-of-resident-participation-in-hazard-planning/](https://blogs.planning.org/postdisaster/2012/05/30/tracking-the-benefits-of-resident-participation-in-hazard-planning/)

Simon M and **Horney JA**. (2011) GeoWorld Magazine, Mobile GIS / GPS Advances Public Health Response, 24(4): 18-21. (2011) <http://read.dmtmag.com/issue/29869>

### **CONTRACTS AND GRANTS (CURRENT)**

Texas Department of State Health Services, Tools for Assessment and Validation of Emerging and Neglected Tropical Diseases in Texas, August 31, 2016 – August 30, 2017 (Total award \$235,000) – 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

National Institute of Environmental Health Sciences 1T32ES026568-01, Regulatory Science in Environmental Health and Toxicology, September 1, 2016 – August 31, 2021 (Total award \$1,270,125) – Co-Investigator / Student Mentor 2016-17

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*

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

National Oceanic and Atmospheric Agency, Perceptions of Community Resilience in Texas Shoreline Communities, February 1, 2016 – May 31, 2017 (Total award: \$195,919) – Co-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

Texas OneGulf Center of Excellence Disaster Research Response (DR2) Program, September 1, 2015 – August 31, 2017 (Total award: \$238,496) – Program Lead

Department of Homeland Security 2015-ST-061-ND0001-01, Implementing the Disaster Recovery Tracking Tool, January 1, 2016 – December 31, 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 – December 31, 2018 (Total award: \$305,000) – Co-Principal Investigator

## **CONTRACTS AND GRANTS (COMPLETED)**

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**

### **Texas A&M**

Instructor for Epidemiologic Methods I (PHEB 605)

Instructor for Methods in Field Epidemiology (PHEB 689)

### **UNC-Chapel Hill**

Co-instructor for Fundamentals of Public Health Surveillance (EPID 750)

Co-instructor for Methods in Field Epidemiology (EPID 759)

## **SERVICE**

### **MPH Advisees (Texas A&M)**

Sharon Abraham, Ajay Balasubramanyam, Sanjana Bamrara, Olajide Buhari, Bhagath Chirra, Michelle Chladny, Shelby Dennis, Usman Ghumman, Ibrahim Gwarzo, Ibrahim Idris, 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, Colette Nichodem, Melanie Rodriguez, Harshil Shah (Class of 2018, Epidemiology and Biostatistics)

### **MS Advisees (Texas A&M)**

Micah Bingaman (Veterinary Medicine and Biomedical Sciences)

### **Doctoral Advisees (Texas A&M)**

Garett Sansom (Epidemiology and Environmental Health, Awarded May 2016, Assistant Director, Environmental Grand Challenge, Texas A&M University as of 7/1/16)

Marcus Hendricks (Landscape Architecture and Urban Planning)

Kahler Stone (Epidemiology and Environmental Health)

Ibraheem Karaye (Epidemiology and Environmental Health)

Alexjandro Daviano (Epidemiology and Environmental Health)

Ibrahim Gwarzo (Epidemiology and Environmental Health)

Raed Alotaibi (Epidemiology and Environmental Health)

### **MPH Advisees (UNC Chapel Hill)**

Anna Allen, DVM (Epidemiology)

### **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)

Kristen Ricchetti-Masterson (Epidemiology)

John Wallace (Epidemiology, Awarded May 2015, Research Associate at UNC-CH as of 4/1/15)

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)

### **Other Advisees**

Gaston Casillas, T32 Environmental Health and Toxicology Doctoral Student (Veterinary Integrative Biosciences), 2016-17

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, Department of Homeland Security Science and Technology Directorate, Science Advisory Guide for Emergencies, 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 -
- Consultant, 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 -
- Member, National Health Security Preparedness Index Model Design Workgroup, Robert Wood Johnson Foundation, 2014 -
- 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, 2004-05

### **Expert Committees – State or University**

- Member, Texas Department of State Health Services, Syndromic Surveillance Regional Advisory Committee, 2015 -
- Member, Resilience and Climate Change Cooperative Project, Texas A&M University, 2014 -
- Member, North Carolina Division of Public Health Organizational Effectiveness and Resource Alignment Committee, 2010
- Member, North Carolina Disaster Epidemiology Workgroup, 2007 – 2013

### **Disaster Response**

- 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 Science Foundation, May 2011
- National Science Foundation, April 2014
- National Science Foundation, May 2015

### **Journal Reviewer**

- Annals of Clinical and Laboratory Research
- American Journal of Public Health
- American Journal of Preventive Medicine
- Applied GIS
- Biosecurity and Bioterrorism
- BMC Health Services Research
- BMC Public Health
- BMJ Open
- Centers for Disease Control and Prevention – External Reviewer
- Disaster Health
- Disaster Medicine and Public Health Preparedness
- Disasters
- Ecology and Society
- Environment and Behavior
- Epidemiology
- Health Promotion Practice
- Health Systems (Guest Editor – Special Issue on Public Health Preparedness, 2014)
- International Journal of Disaster Risk Reduction
- International Journal of Mass Emergencies and Disasters
- 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
- Maternal and Child Health Journal
- Natural Hazards Review
- North Carolina Medical Journal
- PLoS ONE
- Public Health Reports
- Risk Analysis
- Rural Sociology
- Weather, Climate and Society
- Vaccine

### **Book Reviewer**

- Poms LW and Dawson RS (2017). Understanding Epidemiology: Concepts, Skills, and Applications. San Diego, CA: Cognella Academic Publishing.

### **Professional Societies**

- American Public Health Association (reviewer for academic, epidemiology, community health planning and social epidemiology caucuses, 2004-14)

### **Service to Texas A&M University**

- School of Public Health Representative, Texas A&M Faculty Senate, 2016 -
- Member, Council of Principal Investigators, 2015 -
- Member, Texas A&M Presidential Debate Working Committee, 2014 - 2015
- Search Committee, Post-Doctoral Scholar, Institute for Sustainable Coastal Communities, College of Architecture, 2014

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

- Member, Search Committee, Senior Faculty, McAllen Campus, 2016
- Member, Search Committee, Associate Dean for Academic Affairs, 2016
- Member, School of Public Health By-Laws Committee, 2016
- Chair, Search Committee, Open Rank Faculty in Epidemiology, 2016
- Member, Research Committee, 2015 -
- Member, HRSA Maternal and Child Health Public Health Program, 2015 –
  - Advisor, Katy Stone, MPH Student, 2015 - 2017
- Faculty Advisor, Epidemiology Student Organization, 2015 –
- 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-
- 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**

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, 2014-2015

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**

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)**

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 6<sup>th</sup> 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 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**

The Nation's Health, Volunteer program immerses students in public health work, March 2016, p.17.  
Temple Daily Telegram, Graduate Student Volunteer in Data Collection, November 3, 2015.  
Fast Company, When is Flu Season? How Twitter Beats Google to the Answer, December 11, 2014.  
Available at: <http://www.fastcompany.com/3039541/elasticity/when-is-flu-season-how-twitter-beats-google-to-the-answer>.  
NBC Universal, Public Health Readiness for Pandemic Influenza, March 22, 2006.  
West Virginia Public Broadcasting, State Developing Plan in Case of Avian Influenza Outbreak, October 17, 2005.  
XM Satellite Radio Channel 169 / The Power, Guest on Bernie McCain's *Dean's Talkroom*, Impact of Hurricane Katrina on the Health of Women and Children, September 1, 2005.  
WCHL 1360 AM Chapel Hill, Public Health Implications of Hurricane Katrina, August 31, 2005.  
Durham Herald Sun and Associated Press, Burr formulating bill to coordinate national emergency response, May 14, 2005.

## **SKILLS**

Multilevel models using the SAS System (Completed ICPSR Summer Program, 2010)  
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 travel and work in developing countries in Asia, Central America and the Western Pacific  
Proficient in Course Management Systems, including 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  
Conversational French, Beginner Russian, Swahili and Spanish