

Anna Goodman Hoover, M.A., Ph.D.

Curriculum Vitae

CONTACT INFORMATION

Assistant Professor
Department of Preventive Medicine and Environmental Health
College of Public Health
University of Kentucky
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Lexington, KY 40324
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EDUCATION

2013 Doctor of Philosophy

Communication Science
University of Kentucky College of Communication and Information
Doctoral Committee: Chike Anyaegbunam, Ph.D. (chair), Timothy L. Sellnow, Ph.D., H. Dan O'Hair, Ph.D., and Lisa Gaetke, Ph.D.
Dissertation: "Communication at Superfund sites and the reification of division: Toward a convergence-building model of risk communication"

2007 Master of Arts

Communication Science
University of Kentucky College of Communication and Information
Committee: Chike Anyaegbunam, Ph.D. (chair), Thomas L. Lindlof, Ph.D., and Michael I. Arrington, Ph.D.

1994 Bachelor of Arts

Double Major: History and Theatre
Centre College, Danville, Kentucky
Phi Beta Kappa and Phi Alpha Theta national honor societies

PROFESSIONAL EXPERIENCE

- July 2015 - Present** **Assistant Professor**
Department of Preventive Medicine & Environmental Health,
College of Public Health.
University of Kentucky
- July 2014 – June 2015** **Research Assistant Professor**
Department of Preventive Medicine & Environmental Health
College of Public Health
University of Kentucky
- April 2012 – June 2014** **Research Assistant Professor**
Department of Health Management and Policy
College of Public Health
University of Kentucky
- Sept. 2015 – present** **Co-Director**
Robert Wood Johnson Foundation Systems for Action
National Program Office
- Oct. 2015 – present** **Deputy Director**
Robert Wood Johnson Foundation National Health Security
Preparedness Index Program Office
- April 2013 – 2016** **Communication Director**
NIEHS P42 Superfund Research Center
- April 2012 – present** **Research Translation Co-Lead**
NIEHS P42 Superfund Research Center
- Aug. 2003 – March 2012** **Communication Director**
Kentucky Water Resources Research Institute
- Aug. 2003 – Mar. 2005** **Communication Director**
Tracy Farmer Center for the Environment
- July 2002 – July 2003** **Resident Manager**
University of Kentucky Carnahan Conference Center
- March 2000 – June 2003** **Assistant to the Managing Director**
MacLellan Integrated Services, Inc.
- June 1997 – Feb. 2000** **Marketing and Events Director**
LexArts (dba Lexington Arts & Cultural Council)

AWARDS AND HONORS

- 2019 Teacher Who Made a Difference
University of Kentucky College of Education
- 2018 Dean's Outstanding Teaching Performance Award
University of Kentucky College of Public Health
- 2017 Public Health Systems Research Interest Group Best Abstract Award
AcademyHealth
- 2015-18 Wethington Research Award
University of Kentucky
- 2010-2011 Risk Sciences Research Fellow
University of Kentucky College of Communication and Information
- 2010 Bruce H. Westley Memorial Scholarship for Excellence in Mass
Communication Theory and Research
University of Kentucky College of Communication and Information
- 2006 Most Innovative Marketing
U.S. Conference of Mayors 2006 National Aluminum Recycling Challenge
- 1994 Breckenridge Jones Award for History
Centre College
- 1994 West T. Hill Dramatic Arts Prize
Centre College
- 1993 John C. Young Research Award
Centre College

CERTIFICATES

- 2019 Introduction to Incident Command System (ICS-100)
US Dept. of Homeland Security/Federal Emergency Management Agency
- 2015 National Incident Management System (IS-00700.a)
US Dept. of Homeland Security/Federal Emergency Management Agency
- 2015 Crisis and Emergency Risk Communication
US Centers for Disease Control and Prevention

MEMBERSHIPS

2017-present	National Environmental Health Association
2013-present	AcademyHealth
2012-2015	National Communication Association
2011-present	American Public Health Association

RESEARCH FUNDING

Current Funding

US Centers for Disease Control and Prevention: *Validity and Utility of the National Health Security Index for Public Health Preparedness*

75D30118C03568 (Mays, PI)

09/26/18-09/25/2021

Role: Co-Investigator (5% effort)

I lead stakeholder-engaged efforts using the Promoting Action on Research Implementation in Health Services (PARiHS) framework to assess and enhance Index use by public health practitioners in order to strengthen population protections during large-scale health emergencies.

Total Funding: \$1,499,956

Robert Wood Johnson Foundation: *Providing Technical Assistance and Direction for RWJF's Systems for Action Research Program*

75708 (Mays/Hoover, PI)

09/15/2018-09/14/2019

Role: Co-Principal Investigator (25% effort)

I lead stakeholder intramural and extramural engagement and communication research activities, including interfacing with collaborating centers and other program-funded investigators on stakeholder engagement and evaluation of research translation and dissemination activities.

Total Funding: \$1,145,725

NIH/National Institute of Environmental Health Sciences: *Center for Appalachian Research in the Environmental Sciences Pilot Project, Assessing Environmental Health Literacy among Appalachian Technical Stakeholders*

NIH/NIEHS 5P30ES026529-02 (Hoover, PI)

09/01/2018-03/31/2019

Role: Principal Investigator (10% effort)

This study is designed to develop, validate, and pilot a survey aimed at gathering baseline environmental health literacy information in two Appalachian communities. I am responsible for the overall coordination and supervision of all aspects of the study, including: recruiting study participants; coordinating logistics for interviews and focus groups; collecting, managing, and analyzing data; communicating regularly with stakeholder partners; and reporting findings.

Total Funding: \$38,164

NIH/National Institute of Environmental Health Sciences: *Nutrition and Superfund Chemical Toxicity (Research Translation Core)*

NIEHS/NIH 5P42ES007380-21 (Hennig, PI)

04/01/2018-03/31/2019

Role: Co-Investigator/Research Translation Co-Lead (5% effort)

I develop research projects, stakeholder engagement programs, and informational materials intended to further the translation of environmental health research outcomes into policy, practice, and ultimately public health, through the development of theory-based, methodologically-rigorous communication interventions at the researcher, governmental, and/or community levels.

Total Funding: \$12,342,705

Robert Wood Johnson Foundation: *Strengthening and Enhancing the National Health Security Preparedness Index to Help Improve Health Security and Community Resiliency*

3048113908 (Mays, PI)

Role: Co-Investigator (10% effort)

I lead stakeholder engagement and communication initiatives for the 2015-2017 iterations of the National Health Security Preparedness Index, a tool initially developed by the Centers for Disease Control and Prevention and the Association of State and Territorial Health Officials to examine annually the nation's health security preparedness by looking collectively at state-level preparedness.

Total Funding: \$434,679

Completed Funding

Robert Wood Johnson Foundation: *Technical Assistance and Direction for RWJF's Systems for Action Research Program*

74715 (Mays/Hoover, PI)

09/15/17-09/14/18

Role: Co-Principal Investigator

I led stakeholder intramural and extramural engagement and communication research activities, including interfacing with collaborating centers and other program-funded investigators on stakeholder engagement and evaluation of research translation and dissemination activities.

Total Funding: \$976,400

Robert Wood Johnson Foundation: *Technical Assistance and Direction for RWJF's Systems for Action Research Program*

73818

09/15/16-09/14/17

Role: Co-Principal Investigator

I led stakeholder intramural and extramural engagement and communication research activities, including interfacing with collaborating centers and other program-funded investigators on stakeholder engagement and evaluation of research translation and dissemination activities.

Total Funding: \$947,000

Robert Wood Johnson Foundation: *Technical Assistance and Direction for RWJF's Systems for Action Research Program*

(Mays/Hoover, PI)

09/15/15-09/14/16

Role: Co-Principal Investigator

I led stakeholder intramural and extramural engagement and communication research activities, including interfacing with collaborating centers and other program-funded investigators on stakeholder engagement and evaluation of research translation and dissemination activities.

Total Funding: \$1,147,000

Robert Wood Johnson Foundation: *Systems and Services Research for a Culture of Health Planning Grant*

72843 (Mays/Hoover, PI)

01/15/15 – 01/14/16

Role: Co-Principal Investigator

I led stakeholder intramural and extramural engagement and communication research activities, including interfacing with collaborating centers and other program-funded investigators on stakeholder engagement and evaluation of research translation and dissemination activities.

Total Funding: \$199,435

Robert Wood Johnson Foundation: *Supporting Quick-Strike Studies and New Investigators in the Field of Public Health Services and Systems Research, 2014-2015.*

71685 (Mays, PI)

Role: Co-Investigator.

04/01/14 – 12/31/15

I co-directed these two competitive grants programs through the National Coordinating Center for Public Health Services and Systems Research (PHSSR) and Public Health Practice-Based Research Networks. Quick-Strike Research Studies provide funding to conduct time-sensitive, practice- and policy-relevant research studies, while the Pre- and Postdoctoral Research Program provides funding for studies from and technical assistance for new investigators to the PHSSR field.

Total Funding: \$376,234

Robert Wood Johnson Foundation: *National Coordinating Center for Public Health Services and Systems Research and Public Health Practice-Based Research Networks*. 2014-2015

72043 (Mays/Hoover, PI)

Role: Co-Principal Investigator/Deputy Director

I assisted with the organization, development, and implementation of cross-cutting and multi-network research studies designed to evaluate and compare public health strategies implemented across diverse settings, with specific focus on organizational communication, dissemination, and implementation, while also managing personnel, workflow, internal communication, and research dissemination efforts for this national program office that links multiple stakeholders in pursuit of practice- and policy-relevant public health services and systems research.

Total Funding: \$1,799,755

Robert Wood Johnson Foundation: *Quick Strike Research for Practice-Based Research Networks*.

06/15/13 – 03/14/15

71079 (Mays/Hoover, PI)

Role: Co-Principal Investigator

I co-directed this competitive grants program through which Public Health PBRNs receive funding to conduct time-sensitive, practice- and policy-relevant studies.

Total Funding: 122,311

Robert Wood Johnson Foundation: *National Coordinating Center for Public Health Services and Systems Research and Public Health Practice-Based Research Networks* 11/01/12 – 10/31/13

70363 (Mays/Hoover, PI)

Role: Co-Principal Investigator/Deputy Director

I assisted with the organization, development, and implementation of cross-cutting and multi-network research studies designed to evaluate and compare public health strategies implemented across diverse settings, with specific focus on organizational communication, dissemination, and implementation, while also managing personnel, workflow, internal communication, and research dissemination efforts for this national program office that links multiple stakeholders in pursuit of practice- and policy-relevant public health services and systems research.

Total Funding: \$538,269

2013-2014. RURAL CANCER PREVENTION CENTER.

2013-2014

Grant # (Crosby, PI)

Role: Co-Investigator.

I co-developed, coordinated, and conducted dissemination and implementation research designed to identify the most efficient and effective means of distributing evidence-based information and health behavior interventions through the public health system to optimize subsequent health outcomes.

Total Funding: \$790,296

Us Environmental Protection Agency: *Research to Improve Risk Communication Strategies During and After the Decontamination/Clearance Phase of an Intentional Biological Release.*

2011-2014

(Cupp, PI)

Role: Co-Investigator

Investigator. I provided context-based engagement, interview, facilitation, and analytic expertise for this research project, which focuses on developing risk communication guidelines for communicating with stakeholders, media, and the public during post-incident decontamination and clearance.

Total Funding: \$369,233

Robert Wood Johnson Foundation: *Public Health Practice-Based Research Networks National Coordinating Center*

2012-2013

69468 (Mays, PI)

Role: Deputy Director

As deputy director, I managed the day-to-day operations of this national program. My duties included tracking and monitoring the progress of research projects; developing program presentations, seminars, workshops, and publications; translating research findings into public health practice and policy decisions; and implementing training and technical assistance for grantees.

Total Funding: \$537,239

Research Staff for Funded Research Projects

2011-2013. FLOYDS FORK STAKEHOLDER ENGAGEMENT PROJECT. Co-Investigator. I co-developed protocols to document stakeholder preferences for future watershed land use and management, employing a community-based participatory engagement process that utilized both quantitative and qualitative metrics. Duties included analyzing research data and preparing scientific manuscripts for journals and conferences. Funder: Kentucky Division of Water.

2005-2013. SUPERFUND RESEARCH PROGRAM, UNIVERSITY OF KENTUCKY. Communication Liaison, Research Translation Core. I developed research projects and programs intended to further the translation of environmental health research outcomes into policy, practice, and ultimately public health, through the development of theory-based, methodologically-rigorous communication interventions at the researcher, governmental, and/or community levels. Funder: National Institute of Environmental Health Sciences (NIEHS), NIH.

2003-2012. KENTUCKY WATER RESOURCES RESEARCH INSTITUTE. UNIVERSITY OF KENTUCKY. Communications Director. In addition to such public information activities as website development/management, creation of public relations and communications materials, and event coordination, I coordinated communications-

related social scientific research initiatives for KWRRRI. Specifically, I assisted with the design and implementation of projects linking environmental concerns with risk and public communication processes. Funder: United States Geological Survey.

2009-2011. KENTUCKY RESEARCH CONSORTIUM FOR ENERGY AND THE ENVIRONMENT, UNIVERSITY OF KENTUCKY. Research Coordinator for Stakeholder Future Vision Project. In this capacity, I oversaw research activities related to this community engagement project, which was tasked with helping affected communities create a publicly-approved future vision for the Paducah Gaseous Diffusion Plant National Priority List Superfund site. Duties included fulfilling all Institutional Review Board nonmedical research requirements; coordinating logistics for field projects; gathering and analyzing research data; preparing scientific manuscripts for journals and conferences; coordinating internal communications within the research team; and coordinating external communications and public relations effort. Funder: United States Department of Energy.

PUBLICATIONS AND PRESENTATIONS

Peer-Reviewed Journal Articles

1. Brewer, D., Bellamy, H., Hoover, A., Koempel, A., & Gaetke, L. (2019). Nutrition and Environmental Pollution Extension Curriculum Improved Diet-Related Behaviors and Environmental Health Literacy. *Environmental Health Insights*, 13, 1178630219836992.
2. **Hoover, A. G.** (2017). Sensemaking, stakeholder discord, and long-term risk communication at a US Superfund site. *Reviews on Environmental Health*, 32(1-2), 165-169.
3. Winterbauer, N.L., Bekemeier, B., VanRaemdonck, L, and **Hoover, A.G.** (2016). Applying community-based participatory research partnership principles to public health practice-based research networks. *Sage Open*, 6(4), 2158244016679211. DOI: 10.1177/2158244016679211.
4. Carman, A., McGladrey, M., **Hoover, A.G.**, and Crosby, R.C. (2015). Organizational variation in an evidence-based HPV video intervention implementation. *American Journal of Preventive Medicine*, 49(2), 301-308.
5. Cohen, E.L., Head, K.J., McGladrey, M., **Hoover, A.**, Vanderpool, R.C., Bridger, C., Carman, A., Crosby, R.A., Darling, E., Tucker-McLaughlin, M., and Winterbauer, N. (2015). Designing for dissemination: Lessons in message design from ‘1-2-3 Pap’. *Health Communication*, 30(2), 196-207.
6. **Hoover, A.G.** (2015). Commentary: Managing and translating knowledge to improve population health. *Frontiers in Public Health Services and Systems Research*, 4(5):39–42.

7. Mays, G.P., Hogg, R.A., Castellanos-Cruz, D.M., **Hoover, A.G.**, and Fowler, L.C. (2013). Public health research implementation and translation: Evidence from practice-based research networks. *American Journal of Preventive Medicine*, 45(6), 752-762.
8. **Hoover, A.G.** (2013). Commentary. Changing the channel: Public health communication in the 21st century. *Frontiers in Public Health Services and Systems Research*, 2(1), Article 6.

Peer-Reviewed Proceedings

1. Ormsbee, L.O., and **Hoover, A.G.** (2014). Stakeholder engagement in public natural resource management. In: Ames, D.P., Quinn, N.W.T., Rizzoli, A.E. (Eds.), Proceedings of the 7th International Congress on Environmental Modelling and Software, June 15-19, San Diego, California, USA.
<http://www.iemss.org/society/index.php/iemss-2014-proceedings>
2. Anyaegbunam, C., **Hoover, A.G.**, and Hartman, C. (2011). Engaging the community in future-use visioning of a Superfund site: The Paducah Gaseous Diffusion Plant case study. Palm Springs, CA: American Society of Civil Engineers Annual Meeting.
3. Anyaegbunam, C., **Hoover, A.G.**, and Schwartz, M. (2010). Use of Community-Based Participatory Communication to identify community values at a Superfund site. Providence, RI: American Society of Civil Engineers Annual Meeting.
4. Ormsbee, L., and **Hoover, A.G.** (2010). End state vision process for the Paducah Gaseous Diffusion Plant. Providence, RI: American Society of Civil Engineers Annual Meeting.

Book Chapters

1. **Hoover, A.G.** (2019). Defining environmental health literacy. In S. Finn & L. O'Fallon (Eds.), *Environmental health literacy* (pp. 3-18). Springer, Cham.
2. Bibby, J., Chilton, M., **Hoover, A.G.**, Meltzer, D. (2018). Boosting health by bolstering economic and social determinants. In A. Plough (Ed.), *Advancing Health and Well-Being: Using Evidence and Collaboration to Achieve Health Equity*. Oxford University Press.
3. Johnson, J.D., and **Hoover, A.G.** (2013). When people outside the organization need information: Strategically communicating with external stakeholders. In J. Wrench (Ed.), *Workplace communication for the 21st century: Tools and strategies that impact the bottom line* (Vol. 2, pp. 305-332). Santa Barbara, CA: Praeger.

Technical Reports

1. Center for Public Health Systems and Services Research. (2018). National Health Security Preparedness Index 2018 release summary of key findings. Lexington, KY: University of Kentucky. Available at: <https://nhspi.org/wp-content/uploads/2018/04/2018-Key-Findings.pdf>
2. **Hoover, A.G.**, and Kelly, A.V. (2017). Environmental and occupational health think-tank meeting report. Lexington, KY: University of Kentucky. Available at: <https://nhspi.org/wp-content/uploads/2018/04/EOH-Think-Tank-Report-2018.pdf>
3. Center for Public Health Systems and Services Research. (2017). *Innovator's guide to the National Health Security Index*. Lexington, KY: University of Kentucky. Available at: http://nhspi.org/wp-content/uploads/2017/05/NHSPi-Innovators-Guide_17May2017.pdf

Center for Public Health Systems and Services Research. (2017). *National Health Security Preparedness Index 2017: Summary of key findings*. Lexington, KY: University of Kentucky. Available at: http://nhspi.org/wp-content/uploads/2017/08/NHSPi2017_Key-Findings_8_10.pdf

Mays, G.P., Childress, M., Zephyr, D., Bollinger, C., **Hoover, A.G.**, Kelly, A.V., and Kussainov, N. (2016). Lexington, KY: University of Kentucky. *Suggested Updates to the National Health Security Preparedness Index for 2017: Draft for Public Comment*. Available at: <http://nhspi.org/wp-content/uploads/2016/12/National-Preparedness-Index-Suggested-Changes-for-2017-08Dec2016.pdf>

4. Mays, G.P., Childress, M., Zephyr, D., Bollinger, C., **Hoover, A.G.**, Kelly, A.V., and Kussainov, N. (2016). *National Health Security Index for 2017: Response to Call for Measures, September-October 2016*. Lexington, KY: University of Kentucky. Available at: <http://nhspi.org/wp-content/uploads/2016/12/Call-for-Measures-Results-01Dec2016.pdf>
5. Mays, G.P., Childress, M., Zephyr, D., and **Hoover, A.G.** (2016). *National Health Security Preparedness Index: 2016 summary of results*. Lexington, KY: University of Kentucky. Available at: http://nhspi.org/wp-content/uploads/2016/04/NHSPi_ExecutiveSummary_2016-1.pdf
6. U.S. EPA. (2015). *Community engagement and case analysis: Methods for developing post-incident risk communication strategies for intentional biological environmental contamination incidents--final report*. U.S. Environmental Protection Agency, Washington, DC, EPA/600/R-15/126. Available at: https://cfpub.epa.gov/si/si_public_record_report.cfm?dirEntryId=310073

7. Mays, G.P., **Hoover, A.G.**, Ziliak, J.P., Kelly, A.V., Fowler, L.F., Asch, D.A., Beitsch, L.M., Berkowitz, B., Carley, K.M., Gaskin, D.J., Huang, P.P., Ramirez, D.M., Rodriguez, H.P., Diez Roux, A.V., Wells, K.P., Aguirre, A., Jones, L., Leavens, A., Miller, C.E., Wojcik, O. (2015). *Research agenda: Delivery and financing system innovations for a culture of health*. Lexington, KY: Systems for Action National Program Office and Robert Wood Johnson Foundation. Available at: www.systemsforaction.org/projects/research-agenda/reports/systems-action-research-agenda
8. Systems for Action. (2015). *Evidence summaries: Topics in Systems for Action research for building a culture of health*. Lexington, KY: Systems for Action National Program Office. Available at: <http://s4a.atcdemo.com/projects/research-agenda/reports/research-summaries-systems-and-services-research-relevant-systems-action-national-research-program>
9. Kentucky Research Consortium for Energy and the Environment. (2011). *Community visions for the Paducah Gaseous Diffusion Plant Site*. Lexington, KY: KRCEE. Available at: http://www.ukrcee.org/Outreach/Documents/Public/Community_Visions_PGDP-Site.pdf

Research Translation Publications through the Cooperative Extension Service

1. Gaetke, L., Hofe, C., **Hoover, A.G.**, Jenkins, S., Ormsbee, L., and Osborne, A. (2008). Hazardous chemicals and your body: Eating right for a healthier you (general audience). Lexington, KY: University of Kentucky Cooperative Extension Service.
2. Gaetke, L., Hofe, C., **Hoover, A.G.**, Jenkins, S., Ormsbee, L., and Osborne, A. (2008). Hazardous chemicals and your body: Eating right for a healthier you (technical audience). Lexington, KY: University of Kentucky Cooperative Extension Service.

Workbook

1. **Hoover, A.G.** (2015). *Speaking of science: the art of sharing research with lay audiences (3rd Ed.)*. Lexington, KY: University of Kentucky Superfund Research Program Research Translation Core.
2. **Hoover, A.G.** (2015). *Speaking of science: the art of sharing research with lay audiences (2nd Ed.)*. Lexington, KY: University of Kentucky Superfund Research Program Research Translation Core.

3. **Hoover, A.G.** (2011). *Speaking of science: the art of sharing research with lay audiences*. Lexington, KY: University of Kentucky Superfund Research Program Research Translation Core.

Dissertation

Hoover, A.G. (2013). Communication at Superfund sites and the reification of division: Toward a convergence-building model of risk communication. Lexington, KY: University of Kentucky Theses and Dissertations—Communication. Available at: http://uknowledge.uky.edu/comm_etds/16/

Blog

Hoover, A.G. (2017.) Ignore at your peril: environmental and occupational dimensions of health security. (Web log). Retrieved from: <http://nhspi.org/blog/ignore-peril-environmental-occupational-dimensions-health-security/>

Peer-Reviewed Conference Presentations

1. **Hoover, A.G.** (2018). *Strengthening environmental health protections with the National Health Security Preparedness Index*. National Environmental Health Association Annual Educational Conference and Exhibition. Anaheim, CA: 27 June 2018.
2. **Hoover, A.G.** (2017). *Addressing implementation context to improve outcomes for vulnerable populations*. 10th Annual Conference on the Science of Dissemination and Implementation in Health. Arlington, VA: 05 December 2017.
3. **Hoover, A.G.**, and Zephyr, P.M.D. (2017). *Using the National Health Security Preparedness Index to assess and address climate-related vulnerabilities and resources*. National Healthcare Preparedness Coalition Annual Meeting. San Diego, CA: 30 November 2017.
4. **Hoover, A.G.**, and Zephyr, P.M.D. (2017). *Examining the relationship between preparedness and planning for climate change: trends in environmental health protections*. American Public Health Association Annual Meeting. Atlanta, GA: 7 November 2017.
5. Mays, G.P., Childress, M., Zephyr, P.D., and **Hoover, A.G.** (2017). *Geographic variation in public health preparedness: the roles of federal financing and coverage expansions*. AcademyHealth Public Health Systems Research Interest Group Meeting (Best Abstract Award). New Orleans, LA: 24 June 2017.

6. Mays, G.P., and **Hoover, A.G.** (2016). Comprehensive public health delivery systems: Using foundational capabilities to achieve health impact and equity. National Association of County and City Health Organizations Annual Meeting. Phoenix, AZ: 20 July 2016.
7. **Hoover, A.G.** (2016). The long-term effects of risk communication at a U.S. Superfund site. Central and Eastern European Conference on Health and the Environment. Prague, Czech Republic: 28 June 2016.
8. **Hoover, A.G.**, Mays, G.P., and Childress, M. (2015). Strengthening readiness and resiliency through the National Health Security Preparedness Index (Learning Session): Index evolution – 2014 and beyond. 10th Annual Preparedness Summit. Atlanta, GA: 16 April 2015.
9. **Hoover, A.G.** and Ormsbee, L. (2015). Stakeholder engagement as a tool for better environmental decisions. Kentucky Water Resources Research Institute Annual Symposium. Lexington, KY: 9 March 2015.
10. **Hoover, A.G.** (2014). Engaging communities to identify and address environmental health literacy gaps: a public health role for participatory risk communication. American Public Health Association. New Orleans, LA: 17 November 2014.
11. **Hoover, A.G.**, Holmes, G.N., Carman, A., McGladrey, M., Scott, E., Tucker-McLaughlin, M., and Winterbauer, N. (2014). Communication partnerships that work: Translating evidence-based health research into practice. Kentucky Conference on Health Communication. Lexington, KY: 12 April 2014.
12. **Hoover, A.G.**, Anyaegbunam, C., Madinger, C.B., Cupp, P., Veil, S., and Sellnow, T. (2014). Developing post-incident risk communication guidelines for intentional water contamination events. Kentucky Water Resources Research Institute Annual Symposium. Lexington, KY: 10 March 2014.
13. **Hoover, A.G.**, and Ormsbee, L.O. (2013). A convergence-building model of Superfund site communication: Building on lessons from the Paducah Gaseous Diffusion Plant. Society for Environmental Toxicology and Chemistry North America Meeting. Nashville, TN: 21 November 2013.
14. **Hoover, A.G.**, Winterbauer, N., Bekemeier, B., and VanRaemdonck, L. (2013). Sharing Session: Putting the practice in practice-based participatory research with academic-practice partnerships. National Association of County and City Health Organizations Annual Meeting. Dallas, TX: 11 July 2013.
15. VanRaemdonck, L., Bekemeier, B., **Hoover, A.G.**, & Winterbauer, N. (2013). Are the principles of partnership for community-based participatory research useful for practice-based participatory research? Lexington, KY: Keeneland Conference in Public Health Services and Systems Research.

16. Cupp, P., Veil, S., Sellnow, T.L., Anyaegbunam, C., **Hoover, A.G.**, O'Hair, H.D., Anthony, K., Gray, C., Madinger, C., Staricek, N., & Young, L. (2013). Community engagement and case analysis: Methods for developing post-incident risk communication guidelines for an intentional biological environmental contamination. Lexington, KY: Kentucky Water Resources Research Institute Annual Symposium.
17. **Hoover, A.G.**, Ormsbee, L.O., Jenkins, S.W., and Bush, A.M. (2012). Sensemaking in the shadow of a Superfund site: Defining ATSDR roles and goals in an agency-saturated community. Atlanta, GA: Connecting Research and Practice: A dialogue between ATSDR and the NIEHS Superfund Research Program.
18. **Hoover, A.G.**, Anyaegbunam, C., and Ormsbee, L. (2010). Identifying the relationship between citizen values and environmental health: Using Community-Based Participatory Communication in Superfund communities. Portland, OR: Society for Environmental Toxicologists and Chemists Annual Meeting.
19. **Hoover, A.G.**, and Anyaegbunam, C. (2010). Identity, community, and environmental risk: A dialogic case study. San Francisco, CA: Bridges and Chasms: Exploring the Role of Dialogue in Social Change Miniconference, National Communication Association Annual Convention in San Francisco, CA.
20. **Hoover, A.G.**, and Cross, A. (2009). Health coverage in Kentucky's community newspapers: Toward a more informed populace. Indianapolis, IN: Priester Extension National Health Conference.

Invited Presentations

1. **Hoover, A.G.** (2019). Environmental health literacy: an emerging field for communication research. University of Kentucky *Health Communication Research Collaborative Seminar Series*. Lexington, KY: 22 March 2019.
2. **Hoover, A.G.** (2018). Promising practices: community-level report-back. (Panelist). Partnerships for Environmental Public Health Annual Meeting. Research Triangle Park, NC: National Institute of Environmental Health Sciences.
3. **Hoover, A.G.** (2018). Communication in the environmental health sciences: why it matters and how to do it well. *University of Louisville Superfund Research Center Workshop*. Louisville, KY: 24 August 2018.
4. **Hoover, A.G.**, and Zephyr, P.M.D. (2018). Classifying multi-sectoral, multi-organizational health communication networks. *Systems for Action Research-in-Progress Webinar Series*. Lexington, KY: 22 August 2018.

5. **Hoover, A.G.** (2018). Defining and assessing environmental health literacy in Kentucky: early steps in an emerging field. *University of Kentucky Center for Health Services Research Work-in-Progress Seminar Series*. Lexington, KY: 16 May 2018.
 6. **Hoover, A.G.** (2018). Strengthening environmental health protections through climate change planning: Lessons from the National Health Security Preparedness Index. *Superstorms and Superfund Sites: Preventing Toxic Exposures from Climate Change Disasters*. Commonwealth and Boston University Superfund Research Program Collaborative on Health and the Environment Webinar Series. 13 March 2018. Available at: <https://www.healthandenvironment.org/webinars/96415>
 7. **Hoover, A.G.** (2018). Building an environment of health security. (Webinar). Robert Wood Johnson Foundation/National Health Security Preparedness Index. 24 January 2018. Available at: <https://nhspi.org/jan-24-webinar-building-environment-health-security>.
 8. **Hoover, A.G.** (2017). Effective communication: a critical tool for public health. Building Epidemiologic Capacity in Kentucky Meeting. Kentucky Department for Public Health. Versailles, KY: 1 November 2017.
 9. **Hoover, A.G.** (2016). Communicating risk with hazardous waste communities: Paradigms, processes, and perspectives. University of Pennsylvania CEET/Penn SRP Seminar Series. Philadelphia, PA: 13 October 2016.
- Hoover, A.G.** (2016). National Health Security Preparedness Index use and usefulness: A listening session. Florida Department of Health Statewide Preparedness Planner Summit. Orlando, FL: 8 February 2016.
10. **Hoover, A.G.** (2015). National Health Security Preparedness Index: A listening session. Region IV ESF8 Unified Planning Coalition Meeting. Biloxi, MS: 12 November 2015.
 11. **Hoover, A.G.** (2015). Participatory risk communication: building the two-way road. National Institute of Environmental Health Sciences Superfund Research Program Annual Meeting Research Translation and Community Engagement Session. San Juan, PR: 18 November 2015.
 12. **Hoover, A.G.** (2015). The National Health Security Preparedness Index: A tool for cross-sector collaboration. Association of State and Territorial Health Officials Annual Directors of Public Health Preparedness Meeting. Glendale, AZ: 27 October 2015.
 13. **Hoover, A.G.** (2015). National Health Security Preparedness Index proposed updates for 2015-16. *Preparedness Policy Advisory Group Virtual Meeting*. Washington, DC: National Association of County and City Health Officials, 9 September 2015.

14. **Hoover, A.G.** (2015). Engaging stakeholders in environmental decisions. National Institute of Environmental Health Sciences Superfund Research Program: Research Translation and Community Engagement Network Teleconference. 10 June 2015.
15. **Hoover, A.G.** (2015). Better engaging communities: Moving beyond cardinal rules. Kentucky Department for Environmental Protection-University of Kentucky Superfund Research Center Seminar Series. Frankfort, KY: Kentucky Department for Environmental Protection, 11 March 2015.
16. **Hoover, A.G.**, Mays, G.P., and Childress, M. (2015). The evolution of the National Health Security Preparedness Index. *Preparedness, Planning, Outcomes, and Measurement Workgroup Virtual Meeting*. Washington, DC: National Association of County and City Health Officials.
17. **Hoover, A.G.** (2014). Connecting disciplines to inform and develop the emerging field of environmental health literacy. Environmental Health Literacy: The Evolution of a New Field. *Partnerships for Environmental Public Health Webinar Series*. Research Triangle Park, NC: National Institute of Environmental Health Sciences.
18. Carman, A., and **Hoover, A.G.** (2014). Dissemination and implementation research: Connecting interventions to practice. Department of Health Management and Policy Seminar Series, University of Kentucky College of Public Health. 14 March 2014.
19. **Hoover, A.G.**, and Mays, G.P. (2013). The Public Health PBRN Program: Building the science of public health delivery. *CDC Injury Control Research Centers Director's Meeting*. 11 June 2013.
20. **Hoover, A.G.** (2012). Developing community-based grant proposals: A reviewer's perspective. *Quarterly Virtual Training Webinar Series*. Lexington, KY: Public Health Practice-Based Research Networks National Coordinating Center.
21. **Hoover, A.G.** (2012). Evaluating community-based grant proposals: A reviewer's perspective. *Creating Research Infrastructure to Better Science Training Program*. Oakland, CA: California Breast Cancer Research Program.
22. **Hoover, A.G.** (2012). Session leader: Dialogue. *Partnerships for Environmental Public Health Annual Meeting: Strengthening a Dynamic Environmental Public Health Network for Tomorrow*. Bethesda, MD: NIEHS.
23. **Hoover, A.G.** (2011). Panelist: Community engagement opportunities within the NIEHS Superfund Research Program. *2011 Community Involvement Training Conference: Superfund Monday*. Crystal City, VA: NIEHS and US EPA.
24. **Hoover, A.G.**, Anyaegbunam, C., and Ormsbee, L. (2011). Using Community-Based Participatory Communication in Superfund communities. *Community engagement at Superfund sites: Risk e Learning Web Seminar Series*. Research Triangle Park, NC: NIEHS.

25. **Hoover, A.G.**, Anyaegbunam, C., and Ormsbee, L. (2010). Adapting Community-Based Participatory Communication for Superfund communities. Superfund Research Program Research Translation Consortium Webinar Series. Research Triangle Park, NC: NIEHS.

Poster Presentations

1. Brewer, D., Travis, E., Petriello, M., Pennell, K., **Hoover, A.G.**, Hilt, Z., and Ormsbee, L.O. (2016). Appalachian health and well-being forum. National Institute of Environmental Health Sciences FEST. Durham, NC: December 2016.
2. Zephyr, D., Mays, G.P., **Hoover, A.G.**, and Childress, M.T. (2016). A comparative analysis of the National Health Security Preparedness Index. American Public Health Association Annual Meeting. Denver, CO: October-November 2016.
3. **Hoover, A.G.**, Kuehnert, P.L., Jett, S., and Davis, M.V. (2016). The National Health Security Preparedness Index: Providing decision support for local public health. National Association of County and City Health Organizations Annual Meeting. Phoenix, AZ: July 2016.
4. Ormsbee, L., Pennell, K.G., and **Hoover, A.G.** (2015). UK-SRC research translation core: A multidirectional bridge for stakeholders and resources. National Institute for Environmental Health Sciences Superfund Annual Research Meeting. San Juan, PR: November 2015.
5. Pennell, K.G., Newsome, B., **Hoover, A.G.**, Pennell, M.C., and Ormsbee, L.O. (2014). Knowledge brokers in the making: Opportunities to connect researchers and stakeholders. American Geophysical Association Fall Meeting, Public Affairs Session. San Francisco, CA: AGA.
6. Pennell, K.G., Newsome, B., **Hoover, A.G.**, and Ormsbee, L.O. (2014). Addressing researcher environmental health literacy through innovative training: The University of Kentucky Superfund Research Center case study. Partnerships for Environmental Public Health Annual Meeting. Research Triangle Park, NC: NIEHS.
7. **Hoover, A.G.**, Ormsbee, L.O., Jenkins, S., Gray, K., Walsh, M., Upham, B., Harris, O., Burgin, D., Dyken, J., Sheppard, H., Hunter, C., Lopez-Carreras, S., Hanley, J., Gehle, K., Anderson, B., Avakian, M. (2012). Connecting research and practice: A dialogue between ATSDR and the NIEHS Superfund Research Program. SRP Annual Meeting. Raleigh, NC: NIEHS SRP.
8. **Hoover, A.G.**, Ormsbee, L.O., Anyaegbunam, C., Schwartz, M., Grossardt, T., Ripy, J., Blandford, B., and Bailey, K. (2011). Interactive risk communication about an NPL site: The Paducah Gaseous Diffusion Plant case study. United States Environmental Protection Agency Community Involvement Conference. Crystal City, VA: US EPA.

9. Ormsbee, L., Anyaegbunam, C., Grossardt, T., Bailey, K., **Hoover, A.G.**, and Schwartz, M. (2010). Integrating participatory communication and structured public involvement processes to better address Superfund issues: The Paducah Gaseous Diffusion Plant Future State Vision Project. Partnerships for Environmental Health Meeting. Research Triangle Park, NC: NIEHS.
10. Ormsbee, L., Gaetke, L., Finnie, M., Hofe, C., **Hoover, A.G.**, Jenkins, S. (2007). Simultaneous research translation for multiple key constituencies: The 2007 KRCEE scientific and technical symposium. SBRP Annual Meeting. Durham, NC: NIEHS SBRP.
11. Ormsbee, L., Gaetke, L., Hofe, C., **Hoover, A.G.**, Jenkins, S. (2006). Leveraging partnerships for improved research translation: The University of Kentucky SBRP research translation and community outreach cores. SBRP Annual Meeting. San Diego, CA: NIEHS.
12. Ormsbee, L., Gaetke, L., and **Hoover, A.G.** (2006). An adaptive model for research translation: Communicating the relationships among toxics, disease, and nutrition. Washington, D.C.: EPA Science Forum.

TEACHING

Courses

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| 2017-present | CPH 395: Undergraduate Independent Studies in Public Health (3 credit hour). These undergraduate directed study courses focus on enhancing understanding and real-world application of public health frameworks and constructs using detailed readings and research opportunities, case studies, and/or the National Health Security Preparedness Index. While tailored to individual student interests and preferences, my sections often focus on understanding and addressing environmental components of public health preparedness, recovery, and response. 1-2 students per year. |
| 2015-present | CPH 351: Population Health and Crisis Management (3 credit hour). Undergraduate lecture course focusing on knowledge necessary to participate in all phases of public health emergency response and crisis management. 35-55 students per year. |

Guest Lectures (selected)

- **Environmental justice: the intersection of risk, health, and equity.** *CPH 648: Eliminating Racial and Ethnic Disparities.* Lexington, KY: University of Kentucky College of Public Health.
- **Working with communities: risk communication near long-term hazardous waste sites.** *CJT 610: Participatory Communication.* Lexington, KY: University of Kentucky College of Communication.
- **Working with communities near long-term hazardous waste sites.** *CE 599: Remediation Engineering.* Lexington, KY: University of Kentucky College of Engineering.
- **Using risk and participatory communication to support community-based decisions.** *University of Oregon Turnbull Center for Strategic Communication: Risk Communication Graduate Course.* Portland, OR: University of Oregon.
- **Approaches to implementation analysis: RE-AIM and logic models.** *CPH 998: Public Health Policy Analysis.* Lexington, KY: University of Kentucky College of Public Health.
- **Conducting research interviews.** *CPH 956: Program Evaluation.* Lexington, KY: University of Kentucky College of Public Health.
- **Building a career in research translation.** *Division of Social Sciences Research Methods Course.* Danville, KY: Centre College.
- **Conducting participatory environmental health communication research in a Kentucky community.** *CJT 610: Participatory Research.* Lexington, KY: University of Kentucky College of Communication and Information.

Workshops

- 2017 **University of Kentucky Superfund Research Center Communication Training Workshop.** *University of Kentucky Superfund Research Program.* Lexington, KY: 19-20 2017.
- 2016 **Communicating risk, promoting action.** *Kentucky Division of Water and Kentucky Water Resources Research Institute State Watershed Coordinators Workshop.* Frankfort, KY: 8 December 2016.

- 2015 **Engaging stakeholders in environmental decisions: Moving toward participatory models of risk communication.** *Purdue University: Engaging Local Communities on Environmental Risks Workshop.* West Lafayette, IN: 28 May 2015.
- 2015 **Speaking of science: the art of sharing research with lay audiences.** (Two-day workshop for graduate students and postdoctoral scholars.) *University of Kentucky Superfund Research Program.* Lexington, KY: 13-14 July 2015.
- 2014 **Research translation: informing evidence-based policies.** *Commonweal and California Breast Cancer Research Program QuickStart Workshop Series.* Oakland, CA. 21 October 2014.
- 2011 **Speaking of science: the art of sharing research with lay audiences series.** (Summer-long workshop series for graduate students and postdoctoral scholars.) Lexington, KY: June – August 2011.
- 2011 **Building communication capacity for environmental health researchers.** *Partnerships for Environmental Public Health Environmental Health Communication Workshop: Methods, Research, and Training.* Bethesda, MD: NIEHS.

SERVICE

Departmental, College, and University Service

- 2019- Member, College of Public Health Master of Public Health Coordinating Committee
- 2019 - Member, College of Public Health Strategic Planning Task Force
- 2019 Member, College of Public Health 2019 Teaching Awards Selection Committee
- 2019 Member, College of Public Health Educational Technology Coordinator Hiring Committee
- 2017-present Member, College of Public Health Undergraduate Program Committee.

- 2017-18 Member, College of Public Health MPH Program Redesign Committee.
- 2017 Led efforts to revise Department of Preventive Medicine and Environmental Health Rules of Evidence to better align with benchmark institutions and provide flexibility in the event of changing College priorities.
- 2016-18 Alternate Member, University of Kentucky Health Care Colleges Council.
- 2015-16 Steering Committee Member, Appalachian health and well-being forum. University of Kentucky (with National Institute of Environmental Health Sciences). Whitesburg, KY: 25 July 2016.
- 2015 Faculty Reviewer, University of Kentucky College of Public Health Research Day, student oral and poster presentations.
- 2011-present Member, Health Communication Research Collaborative, University of Kentucky College of Communications and Information Studies.
- 2010-Present Steering Committee Member, Dissemination and Implementation Sciences Consortium, University of Kentucky College of Communications and Information Studies

Scientific Review Groups

- 2018 Ad Hoc Member, P30 Environmental Health Sciences Core Centers Review Committee, National Institute of Environmental Health Sciences, NIH.
- 2017 Member, Centers for Ocean and Human Health Special Emphasis Panel, National Institute of Environmental Health Sciences, NIH.
- 2017 Member, Gulf Research Program Research Practice Grants Review Committee, National Academies of Sciences, Engineering, and Medicine.
- 2016 Member R13 Conferences and Special Meetings Panel, National Institute of Environmental Health Sciences, NIH.

- 2016 Ad Hoc Member, P30 Environmental Health Sciences Core Centers Review Committee, National Institute of Environmental Health Sciences, NIH.
- 2016 Member, R25 Special Emphasis Panel, National Institute of Environmental Health Sciences, NIH.
- 2015 Member, P50 Children's Environmental Health and Disease Prevention Research Centers Review Committee, National Institute of Environmental Health Sciences, NIH, and U.S. Environmental Protection Agency.
- 2014 Member, R13 Conference Grant Review Committee, National Institute of Environmental Health Sciences, NIH.
- 2013 Member, Research Careers in Emerging Technologies Special Emphasis Panel, National Institute of Environmental Health Sciences, NIH.
- 2012 Member, Community Research Collaboration Scientific Review Committee, California Breast Cancer Research Program.
- 2011-2014 Ad Hoc Member, Environmental Health Sciences Core Centers Review Committee, National Institute of Environmental Health Sciences, NIH.
- 2011 Ad Hoc Member, Superfund Research Program Scientific Review Committee, National Institute of Environmental Health Sciences, NIH.

Service for Academic and Professional Meetings

- 2017 Abstract Reviewer, 2018 Kentucky Conference on Health Communication.
- 2017 Co-Coordinator, Environmental and Occupational Health Think-Tank. National Conference of State Legislatures and National Health Security Preparedness Index. 16 August 2017.

- 2015 Moderator, International Developments in Public Health Services and Systems Research. Keeneland Conference in Public Health Services and Systems Research. 22 April 2015.
- 2014 Invited Table Leader, NIEHS Communication Research in Environmental Health Sciences: Environmental Health Literacy Meeting. 22-24 September 2014.
- 2014 Session Chair, Involving Communities in Health Communication Research. Kentucky Conference on Health Communication. 11 April 2014.
- 2014 Panel Chair, Translating Research Findings for Policymakers: A Dialogue. Keeneland Conference in Public Health Services and Systems Research. 10 April 2014.
- 2014 Session Chair, Information & Technology: Measurement & Evaluation. Keeneland Conference in Public Health Services & Systems Research. 9 April 2014.
- 2013 Co-Chair, Communities, Ecology, and Health: Making the Connection. (Sessions A/B.) Society for Environmental Toxicology and Chemistry North America Annual Meeting. 21 November 2013.
- 2011-2012 Planning Committee Chair, Connecting Research and Practice: A Dialogue between ATSDR and the NIEHS Superfund Research Program. (August 7-8, 2012). Atlanta, GA: ATSDR & NIEHS.
- 2011-2012 Planning Committee Member, Partnerships for Environmental Public Health Annual Meeting: Strengthening a Dynamic Environmental Public Health Network for Tomorrow. (March 7-8, 2012). Bethesda, MD: NIEHS.
- 2011-2012 Planning Committee Member, National Institute of Environmental Health Sciences (NIEHS), NIH Partnerships for Environmental Public Health Environmental Health Communication Workshop: Methods, Research, and Training. Bethesda, MD: NIEHS.
- 2009-2011 Planning Committee, NIEHS Superfund Research Program Research Translation Core Annual Meeting.

Research Networks, Collaboratives, and Think-Tanks

- 2014-present Member, Disaster Research Response (DR2) Environmental Health Sciences Network, National Institute of Environmental Health Sciences, NIH.
- 2014 Invited Participant, Systematic Study of Local Adaptations Thought Leaders Forum. Robert Wood Johnson Foundation, Princeton, NJ. 20 February 2014.
- 2012-2014 Member, Resource Center Committee, Partnerships for Environmental Public Health, National Institute of Environmental Health Sciences, NIH.

Manuscript Reviews (selected)

American Journal of Public Health
Environmental Health Perspectives
Environmental Science and Technology
Frontiers in Public Health Services and Systems Research
Journal of Health Communication
Journal of Public Health Research
Risk Analysis