

# Anna Goodman Hoover, M.A., PH.D.

## *Curriculum Vitae*

### CONTACT INFORMATION

Assistant Professor  
Department of Preventive Medicine and Environmental Health  
College of Public Health  
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MyNCBI: <https://www.ncbi.nlm.nih.gov/myncbi/12c3zlhUIVb5n/bibliography/public/>

### EDUCATION

#### **2013 Doctor of Philosophy**

Communication  
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  
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 – Sept. 2019    Co-Director**  
 Robert Wood Johnson Foundation Systems for Action  
 National Program Office
- Oct. 2015 – Sept. 2019    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 – April 2020    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)

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## **AWARDS AND HONORS**

- 2020            Dean's Outstanding Undergraduate Teaching Performance Award  
*University of Kentucky College of Public Health*

- 2020 Innovative Teaching Curriculum Award  
CPH 621: Understanding and Communicating Environmental Health Risks  
*Delta Omega, Beta Gamma Chapter*
- 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*
- 2015-20 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 Campaign  
*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*

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## **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*
- 2009           Graduate Certificate in Health Communication  
*University of Kentucky College of Communication and Information*

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## **MEMBERSHIPS**

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American Public Health Association  
Delta Omega Public Health Honor Society (2021 inductee, University of Kentucky)  
National Communication Association  
National Environmental Health Association  
Phi Alpha Theta History Honor Society (1992 inductee, Centre College)  
Phi Beta Kappa Academic Honor Society (1993 inductee, Centre College)  
Society for Risk Analysis

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## **RESEARCH FUNDING**

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### ***Current Funding***

NIH/National Institute of Environmental Health Sciences: *A University-Community Partnership to Reduce Exposure to Disinfection Byproducts In Appalachia.*

NIH/NIEHS: 1R01 ES032396-01 (Hoover & Unrine, MPIs)

01/2021-10/2025

Role: Multi-Principal Investigator (12.5% effort)

As MPI of this study, I co-lead the study and direct implementation of Stakeholder Advisory Core activities, as well as communication and environmental health literacy goals described in Specific Aim 1.

Total Funding: \$2,495,478

NIH/National Institute on Drug Abuse: *Wastewater Assessment for Coronavirus in Kentucky – Implementing Enhanced Surveillance Technology*

NIH/NIDA: 1U01DA053903-01 (Keck, PI)

Proposed Dates: 12/20-11/22

Role: Co-Investigator (10% effort)

As co-investigator of this RADx-UP study, I lead stakeholder engagement activities related to developing a “next generation” assay for the identification of SARS-CoV-2 in wastewater. Working with communities in Appalachian Eastern Kentucky, we plan to develop, optimize, and validate a new “point-of-acquisition” SARS-CoV-2 assay that enables us to rapidly quantify the amount of coronavirus RNA in a wastewater sample,

such that additional precautions (e.g. individual testing, infection prevention measures) can be taken when needed.

Total Funding: \$3,380,557

NIH/National Institute of Environmental Health Sciences: *Nutrition and Superfund Chemical Toxicity (Project 4: Fate and Transport of Contaminants in Aging Piping Systems)*

NIEHS/NIH 2P42ES007380-22 (Hennig, PI)

04/01/2020-01/31/2025

Role: Co-Investigator (Project 4, 5% effort)

I lead environmental health literacy and stakeholder engagement components of this study that seeks to identify and reduce trichloroethene, tetrachloroethene, and PFAS exposure risks via damaged subsurface piping networks.

Total Funding: \$8,700,000

NIH/National Institute of Environmental Health Sciences: *Radon on the RADAR*

1R01ES030380-01A1 (Hahn, PI)

02/20/2020-10/31/2025

Role: Co-Investigator (5% effort)

I lead environmental health literacy and dissemination/evaluation components of this study that deploys citizen science to identify geological and atmospheric conditions that increase radon intrusion into homes, translate this knowledge into increased residential awareness of lung cancer risk, facilitate home radon testing and report back, and increase access to affordable and adequate radon mitigation.

Total Funding: \$2,600,000

NIH/National Library of Medicine: *Integrating Information Resources to Promote Environmental Health Literacy in Appalachian Kentucky*

G08 LM013185-01 (Hoover, PI)

09/09/2019-05/31/2022

Role: Principal Investigator (15% effort)

This study deploys a multidisciplinary research team and stakeholder-engaged approach to synthesize and improve existing regional environmental health information. The study will disseminate new resources for Kentuckians in the Appalachian region, thereby building environmental health literacy in this population.

Total Funding: \$388,260

US Centers for Disease Control and Prevention: *Central Appalachian Occupational Safety & Health Education & Research Center*

2T42OH010278-08 (Sanderson, PI)

07/2019-06/2024

Role: Co-Investigator (10% effort)

I am co-lead for outreach on this NIOSH-funded occupational safety and health training center. The center combines the academic resources of four colleges at the University of Kentucky (UK) and Eastern Kentucky University (EKU) to provide a fully equipped and recognized resource for occupational safety and health research and training in

Central Appalachia  
Y1 Funding: \$1,546,250

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 (Currently in NCE status.)

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

### ***Submitted/In Review***

NIH/National Institute of Minority and Health Disparities: *K-VAC: Kentucky Vaccinating Appalachian Communities*

Proposed Dates: 9/1/2021-8/30/26

MPI: Kiviniemi/Cardarelli

Role: Co-investigator

As co-investigator, I will assist in leading communication and engagement components of this project to test the efficacy of a multi-level intervention to address both vaccine accessibility and vaccine hesitancy for SARS-CoV-2 vaccination in Appalachian Kentucky communities.

NIH/National Institute of Environmental Health Sciences: *Community Air Monitoring, Empowering Research to Action (CAMERA)*

Proposed Dates: 11/21-10/26

PI: Christina Fuller (Georgia State University)

Role: Co-Investigator

As co-investigator of the proposed Georgia State University study, I will lead University of Kentucky subaward work, with special emphasis on guiding the environmental health literacy components of the study's Research Aim, as well as contributing implementation assessment expertise to the study's Evaluation Aim.

Total subaward funding requested: \$106,170

NIH/National Institute of Environmental Health Sciences: University of Kentucky Center for Appalachian Research in the Environmental Sciences

Proposed Dates: 4/22-3/27

PI: Hahn

Role: Co-Investigator

As co-investigator of this P30 environmental health sciences core center, I will lead activities for the Environmental Health Communication hub of the Integrated Health Sciences Facility Core.

### ***Completed Funding***

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

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)

01/01/2015-08/31/19

I lead stakeholder engagement and communication initiatives for the 2015-2019 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

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: *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

US Centers for Disease Control & Prevention: *2013-2014. Rural Cancer Prevention Ctr* 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 day-to-day operations of this national program. Duties included tracking and monitoring the research projects progress; developing program presentations, seminars, workshops, and publications; translating findings into practice and policy decisions; and implementing training and technical assistance for grantees.

Total Funding: \$537,239

### ***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

+Community Co-Author

\*Student Co-Author

### ***Peer-Reviewed Journal Articles***

1. **Hoover, Anna G.**, Heiger-Bernays, Wendy, Ojha, Sweta\* and Pennell, Kelly G. (2021). Balancing incomplete COVID-19 evidence and local priorities: risk communication and stakeholder engagement strategies for school re-opening. *Reviews on Environmental Health*, 36(1), 27-37. <https://doi.org/10.1515/reveh-2020-0092>
2. **Hoover, A.G.**, and Zephyr, P.D. Classifying community organizational health communication networks: lessons for local public health agencies. *Journal of Public Health Management and Practice*. September 09, 2020 - Published Ahead of Print - doi: 10.1097/PHH.0000000000001265. Available at: [https://journals.lww.com/jphmp/Abstract/9000/Classifying\\_Community\\_Organizational\\_Health.99236.aspx](https://journals.lww.com/jphmp/Abstract/9000/Classifying_Community_Organizational_Health.99236.aspx)
3. **Hoover, A.G.**, Koempel, A.\*, Christian, W.J., Tumlin, K.I., Pennell, K.G., Evans, S., McAlister, M., Ormsbee, L.O., and Brewer, D.B. (2020). Appalachian environmental health literacy: building knowledge and skills to protect health. *Journal of Appalachian Health*, 2(1), 47-53. <https://doi.org/10.13023/jah.0201.06>.
4. 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. <https://doi.org/10.1177/1178630219836992>.

5. **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. <https://doi.org/10.1515/reveh-2016-0048>.
6. 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. <https://doi.org/10.1177/2158244016679211>.
7. 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. <https://doi.org/10.1016/j.amepre.2015.03.011>.
8. 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. <https://doi.org/10.1080/10410236.2014.974130>
9. **Hoover, A.G.** (2015). Managing and translating knowledge to improve population health. *Frontiers in Public Health Services and Systems Research*, 4(5):39–42. DOI: 10.13023/FPHSSR.0405.07.
10. 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. <https://doi.org/10.1016/j.amepre.2013.08.011>.
11. **Hoover, A.G.** (2013). Changing the channel: Public health communication in the 21st century. *Frontiers in Public Health Services and Systems Research*, 2(1), Article 6. DOI: 10.13023/FPHSSR.0201.06.

### **Peer-Reviewed Published Proceedings**

1. Ormsbee, L.O., Kipp, J., and **Hoover, A.G.** (2014). Stakeholder engagement in public natural resource management. *International Congress on Environmental Modelling and Software*, 23. , June 15-19, San Diego, California, USA. <https://scholarsarchive.byu.edu/iemssconference/2014/Stream-F/23>
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.

### ***Manuscripts Currently in Review***

1. **Hoover, A.G.**, Childress, M.T., Zephyr, P.D., Vos, S.C., Kussainov, N.\*, and Mays, G.P. Establishing the relative importance of health security capabilities: results from an expert opinion survey and a multi-dimensional index. In review at: *Disaster Medicine and Public Health*.
2. Gray, K., Triana, V.\*, Weisen, C., Lindsey, M., Richmond, B., and **Hoover, A.G.** Knowledge and skills associated with environmental health literacy: a case study focused on toxic metals contamination of well water. In review at: *International Journal of Environmental Research and Public Health*.
3. **Hoover, A.G.** A convergence-building model to promote environmental health literacy. In review at: *Environmental Communication*.
4. Pennell, K.G., **Hoover, A.**, Ojha, S.\*, Li, Y., and Robinson, A.\* Geospatial and binomial logistic regression model for assessing exposure risks of per- and polyfluorinated alkyl substances (PFAS) in drinking water sources. *Environmental Science: Processes and Impacts*.

### ***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.**, and 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. Unrine, J.M., Sanderson, W.T., Christian, W.J., Pennell, K.G., Ormsbee, L., **Hoover, A.G.**, Fuchs, G.J., McCoy, N., Draper, R., Mooney, M., and Cromer, M. (2020). Preliminary technical report: the University of Kentucky Martin County community-engaged drinking water health pilot study.
2. Center for Public Health Systems and Services Research. (2020). National Health Security Preparedness Index 2019 release summary of key findings. Lexington, KY:

University of Kentucky. Available at: [https://nhspi.org/wp-content/uploads/2019/05/NHSPI\\_2019\\_Key\\_Findings.pdf](https://nhspi.org/wp-content/uploads/2019/05/NHSPI_2019_Key_Findings.pdf)

3. Center for Public Health Systems and Services Research. (2019). 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>
4. Center for Public Health Systems and Services Research. (2018). *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](http://nhspi.org/wp-content/uploads/2017/08/NHSPI2017_Key-Findings_8_10.pdf)
5. **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>
6. 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](http://nhspi.org/wp-content/uploads/2017/05/NHSPI-Innovators-Guide_17May2017.pdf)
7. 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>
8. 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>
9. 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](http://nhspi.org/wp-content/uploads/2016/04/NHSPI_ExecutiveSummary_2016-1.pdf)
10. 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](https://cfpub.epa.gov/si/si_public_record_report.cfm?dirEntryId=310073)

11. 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](http://www.systemsforaction.org/projects/research-agenda/reports/systems-action-research-agenda)
12. 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>
13. 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](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.** (2018). *Speaking of science: the art of sharing research with lay audiences* (3<sup>rd</sup> 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* (2<sup>nd</sup> 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/](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/>

### ***Manuscripts in Development***

1. **Hoover, A.G.**, May, B., McCoy, N., O’Hair, H.D., Fischer, L., Koempel, A.\* , Sanderson, W., and Unrine, J. Social amplification of risk, sensemaking, and municipal water quality concerns: a case study in one rural American community.
2. Wilmhoff, C., and **Hoover, A.G.** Engaging high school students as citizen scientists in monitoring school bus air quality and absentee rates in an Appalachian public school system.
3. Haynes, E.J., Shepler, R., Veevers, J., Mundy, M., Wilmhoff, C., Beer, A., Roberts, R., Salazar, P., Persky, V., **Hoover, A.G.**, and Hahn, E.H. Air and water quality toolkits for community and classroom citizen science.
4. Koempel, A.\* , May, B., McCoy, N., O’Hair, H.D., Fischer, L., Unrine, J., Sanderson, W., and **Hoover, A.G.** Considerations for incorporating citizen science into qualitative data collection.
5. **Hoover, A.G.**, Ormsbee, L.O., Anyaegbunam, C., Brewer, D., Cupp, P., Kipp, J., and Tumlin, K. Lessons from a decade of EHL research in the Bluegrass.
6. **Hoover, A.G.**, Anyaegbunam, C., Ormsbee, L.O., and Sellnow, T. Deploying crystallization to honor multiple perspectives in participatory environmental health communication research.
7. Unrine, J., Sanderson, W.T., Christian, W.J., Pennell, K.G., Ormsbee, L.O., **Hoover, A.G.**, Fuchs, G.J., McCoy, N., Draper, R., Mooney, V.M., and Cromer, M. Assessing tapwater quality in Martin County, KY.
8. **Hoover, A.G.**, Anyaegbunam, C., and Ormsbee, L.O. Binaries and blind spots: how long-term enactment of cardinal rules mediates trust at a Superfund site.
9. **Hoover, A.G.**, and Johnson, J.D. Matching organizational communication strategies with stakeholder information needs: a model.



10. **Hoover, A.G.**, Ormsbee, L.O., Pennell, K.G., Brewer, D. Adapting the logic model to stakeholder-engaged research: a modest proposal for environmental health partnerships.

### **Peer-Reviewed Conference Presentations**

1. Lindsey, M., Richmond, B., **Hoover, A.G.**, Gray, K., and Triana, V. (2020). Measuring environmental health literacy. *Health Literacy in Action: Health Literacy Annual Research Meeting*. Virtual conference due to CoVID-19 response restrictions: 20 October 2020.
2. O'Fallon, L., **Hoover, A.G.**, Silk, K., Gray, K., Lapinski, M., Ramirez-Andreotta, M. and Ohayon, J.L. (2020). Environmental health literacy: the intersection of environmental public health and health communication. *Kentucky Conference on Health Communication*. Lexington, KY: 3 April 2020. (Conference held virtually due to CoVID-19 response restrictions.)
3. **Hoover, A.G.** (2020). Rapid reflections: A decade of environmental health literacy knowledge gap research in Kentucky. *NIEHS Partnerships for Environmental Public Health pre-conference workshop: Assessing and strengthening environmental health literacy*. Durham, NC: 12 Feb. 2020.
4. Pennell, K.G., Little, P.C., and **Hoover, A.G.** (2019). *Communities, toxic vapors, and invasion: vapor intrusion*. Joint Meeting of the American Anthropological Association and the Canadian Anthropology Society. Vancouver, BC: 21 November 2019.
5. **Hoover, A.G.**, Dyjack, D., and Farquhar, D. (2019). Using the National Health Security Preparedness Index to track environmental health protections and build resilience. National Environmental Health Association Annual Educational Conference and Exhibition. Nashville, TN: 11 July 2019.
6. **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.
7. **Hoover, A.G.** (2017). *Addressing implementation context to improve outcomes for vulnerable populations*. 10<sup>th</sup> Annual Conference on the Science of Dissemination and Implementation in Health. Arlington, VA: 05 December 2017.
8. **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.

9. **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.
10. 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.
11. 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.
12. **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.
13. **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. 10<sup>th</sup> Annual Preparedness Summit. Atlanta, GA: 16 April 2015.
14. **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.
15. **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.
16. **Hoover, A.G.**, Holmes, G.N., Carman, A., McGladrey, M., Scott, E.<sup>+</sup>, 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.
17. **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.
18. **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.

19. **Hoover, A.G.**, Winterbauer, N., Bekemeier, B., and VanRaemdonck, L.<sup>+</sup> (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.
20. VanRaemdonck, L.<sup>+</sup>, 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.
21. 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.
22. **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.
23. **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.
24. **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.
25. **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). Convergent environmental health communication: the intersection of research translation and community engagement. University of Iowa Environmental Health Sciences Research Center Research Translation Seminar Series. Iowa City, IA: 8 November 2019.
2. **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.

3. **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.
4. **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.
5. **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.
6. **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.
7. **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>
8. **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>.
9. **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.
10. **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.
11. **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.
12. **Hoover, A.G.** (2015). National Health Security Preparedness Index: A listening session. Region IV ESF8 Unified Planning Coalition Meeting. Biloxi, MS: 12 November 2015.
13. **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.

14. **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.
15. **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.
16. **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.
17. **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.
18. **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.
19. **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.
20. 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.
21. **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.
22. **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.
23. **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.

24. **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.
25. **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.
26. **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.
27. **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. Hahn, E. J., Wolfe, A., Rayens, M. K., Stanifer, S., **Hoover, A.G.**, & Haneberg, W. (2020). A citizen science approach to promote residential radon testing in rural communities. APHA 2020 Virtual Annual Meeting and Expo, Online: 24-28 Oct. 2020.
2. Wilmhoff, C.D.<sup>+</sup>, Barnett, D.<sup>+</sup>, Boggs, J.<sup>+</sup>, Brashear, M.<sup>+</sup>, Collins, D.<sup>+</sup>, Deaton, A.<sup>+</sup>, Griffie, J.<sup>+</sup>, Roark, T.<sup>+</sup>, Sizemore, W.<sup>+</sup>, Stacy, E.<sup>+</sup>, and **Hoover, A.G.** (2020). Efficacy of utilizing citizen scientists in monitoring school bus air quality and absentee rates in a rural Appalachian public school system. University of Kentucky: 2020 Appalachian Research Day Virtual Poster Session. 28 October 2020.
3. Koempel, A. Brewer, D., and **Hoover, A.G.** (2019). Examining environmental health literacy in Appalachia: qualitative findings from the field. National Institute for Environmental Health Sciences Superfund Annual Research Meeting. Seattle, WA: 18 November 2019.
4. **Hoover, A.G.**, Tumlin, K., and Ormsbee, L.O. (2019). "Nor any drop to drink": revealing water resources knowledge and concerns in Appalachian Eastern Kentucky. National Institute of Environmental Health Sciences Environmental Health Sciences Core Centers Annual Meeting. Iowa City, IA: June 2019.
5. Brewer, D., Travis, E.<sup>+</sup>, 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.
6. 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.

7. **Hoover, A.G.**, Kuehnert, P.L., Jett, S.<sup>+</sup>, 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.
8. 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.
9. 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.
10. 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.
11. **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.
12. **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.
13. 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.
14. 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.
15. 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.

16. 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.

### ***Mentored Undergraduate Student Poster Presentations***

1. Spillman, B.\* , and **Hoover, A.G.** (2018). The usefulness of the National Health Security Preparedness Index in assessing hurricane preparedness: a literature review. National Conference on Undergraduate Research Meeting. Oklahoma City, OK: April 2018.
2. Spillman, B.\* (2017). Preparedness variation among FEMA Region IV: Taking a closer look at environmental and occupational health. University of Kentucky College of Public Health Research Day. Lexington, KY: March 2017.

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## **TEACHING**

### ***Courses***

2020	<b>CPH 621: Understanding and Communicating Environmental Health Risk.</b> This core course for the MPH program uses a case-based approach to build students' ability to recognize and understand environmental health threats and potential protective approaches while also developing skills to create and deliver environmental health messages to diverse audiences.
2017-present	<b>CPH 395: Undergraduate Independent Studies in Public Health</b> (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, and/or case studies. While tailored to individual student interests and preferences, my sections often focus on understanding and addressing environmental components of environmental health literacy and/or public health preparedness, recovery, and response. 1-2 students per year.
2015-present	<b>CPH 351: Population Health and Crisis Management</b> (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)***

- 2020      **Research translation: from evidence to action.** *CPH 608: Public Health Capstone.* Lexington, KY: University of Kentucky College of Public Health.
- 2020-21   **Introduction to public health preparedness concepts.** *CPH 310: Disease Detectives.* Lexington, KY: University of Kentucky College of Public Health.
- 2020      **Stakeholder mapping and engagement: strategies for supporting evidence-informed decisions.** *CE 599: Environmental Health and Engineering.* Lexington, KY: University of Kentucky College of Public Health.
- 2019      **Public health advocacy: moving evidence to action.** *CPH 650: Management of Public Health Organizations.* Lexington, KY: University of Kentucky College of Public Health.
- 2019      **Building the evidence base for preventing exposures and protecting health through effective risk communication.** *CPH 608: Public Health Capstone.* Lexington, KY University of Kentucky College of Public Health.
- 2018-21   **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.
- 2017      **Working with communities: risk communication near long-term hazardous waste sites.** *CJT 610: Participatory Communication.* Lexington, KY: University of Kentucky College of Communication.
- 2017      **Working with communities near long-term hazardous waste sites.** *CE 599: Remediation Engineering.* Lexington, KY: University of Kentucky College of Engineering.
- 2013      **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.
- 2013      **Approaches to implementation analysis: RE-AIM and logic models.** *CPH 998: Public Health Policy Analysis.* Lexington, KY: University of Kentucky College of Public Health.
- 2013      **Conducting research interviews.** *CPH 956: Program Evaluation.* Lexington, KY: University of Kentucky College of Public Health.
- 2012      **Building a career in research translation.** *Division of Social Sciences Research Methods Course.* Danville, KY: Centre College.

2011      **Conducting participatory environmental health communication research in a Kentucky community.** *CJT 610: Participatory Research.*  
Lexington, KY: University of Kentucky College of Communication and Information.

***PhD Mentorship***

Current      Sweta Ojha  
                  “Spatial analysis for potential detection of PFAS in Kentucky”  
                  UK College of Engineering, Department of Civil Engineering  
                  Role: Doctoral Committee Member

***Master’s Degree Mentorship***

Current      Kris Dyer  
                  “COVID-19 in Kentucky”  
                  UK College of Public Health, Department of Epidemiology  
                  Role: Master of Public Health Committee Chair

Cory Reinert  
“Rates of diabetes screening in Kentucky before and after implementation of the Affordable Care Act”  
UK College of Public Health, Department of Epidemiology  
Role: Master of Public Health Committee Member

Whitney Smith  
“Examining potential relationships between mountaintop mining, pre-term births, and low birthweight in Kentucky”  
UK College of Public Health, Department of Preventive Medicine & Environmental Health  
Role: Master of Public Health Committee Chair

2019      Areej Saeed  
                  “Synthesizing the history and challenges of the Dayhoit, KY National Priorities List Superfund site”  
                  UK College of Engineering, Department of Civil Engineering  
                  Role: Master of Science in Civil Engineering Committee Member

***Undergraduate Mentorship***

2020      Madan A. Subheeswar  
                  “Understanding connections between messaging and vaccine hesitancy”  
                  Gaines Thesis  
                  University of Kentucky  
                  Role: Thesis Committee Member

## **Workshops**

- 2017      **University of Kentucky Superfund Research Center Communication Training Workshop.** *University of Kentucky Superfund Research Program.* Lexington, KY: 19-20 August 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.

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## **SERVICE**

### ***Departmental, College, and University Service***

- 2020      Member, Workgroup 2: Promoting Translation - Data to Knowledge to Action, UK Center for Appalachian Research in the Environmental Sciences

2020	Lead, Public Health Preparedness Scenario Development, Interprofessional Collaboration and Team Skills Workshops, Center for Interprofessional Health Education
2020	Facilitator, Interprofessional Collaboration and Team Skills Workshops, Center for Interprofessional Health Education
2019-	Member, College of Public Health Master of Public Health Program Coordinating Committee
2019	Member, College of Public Health Strategic Planning Task Force
2019	Member, College of Public Health Teaching Awards Selection Committee
2019	Member, College of Public Health Educational Technology Coordinator Hiring Committee
2017-2019	Member, College of Public Health Undergraduate Program Committee
2017-18	Member, College of Public Health MPH Program Redesign Committee
2017	Lead, Department of Preventive Medicine and Environmental Health Rules of Evidence update and revision process 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***

2020                Reviewer, Systems for Action COVID-19 Supplement Awards. Robert Wood Johnson Foundation.

2020                Mail Reviewer, Emergency Awards: RADx-UP Coordination and Data Collection Center (U24) Scientific Review Committee. National Institute on Minority and Health Disparities, NIH.

2020                Member, Outstanding New Environmental Scientist (R01) Scientific Review Committee, National Institute of Environmental Health Sciences, NIH.

2012, 2019-20      Member, Community Research Collaboration Scientific Review Committee, California Breast Cancer Research Program.

2019                Member, Innovative Approaches for Improving Environmental Health Literacy (R43/44; R41/42) Scientific Review Committee, National Institute of Environmental Health Sciences, NIH.

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.
- 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***

- 2021 Planning Committee Member, Superfund Research Program Risk Communication Virtual Workshop, National Institute of Environmental Health Sciences, Research Triangle Park, NC.
- 2017, 2019 Abstract Reviewer, Kentucky Conference on Health Communication, Lexington, KY.
- 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***

- 2021 Member, Cured-in-Place-Pipe (CIPP) Public Health Workgroup. Purdue University (with support from USEPA Region 5).

- 2020 Member, Disaster Research Response Workgroup: SARS-CoV-2/ COVID-19 Environmental Health Research Needs Panel, National Institute of Environmental Health Sciences, NIH.
- 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 (Impact factor: 5.381)*  
*Environmental Health Perspectives (Impact factor: 8.05)*  
*Environmental Science and Technology (Impact factor: 7.149)*  
*International Journal of Environmental Research and Public Health (Impact factor: 2.468)*  
*Journal of Empirical Research on Human Research Ethics (Impact factor: 0.953)*  
*Journal of Health Communication (Impact factor: 1.648)*  
*Journal of Public Health Management and Practice (Impact factor: 1.510)*  
*Progress in Community Health Partnerships: Research, Education, & Action (Impact factor: 0.640)*  
*Reviews on Environmental Health (Impact factor: 1.650)*  
*Risk Analysis (Impact factor: 2.898)*

**Media Links (selected)**

UK Researchers Study COVID-19 and Decision-Making for Re-Opening Schools  
*The Lane Report*  
 26 October 2020  
<https://www.lanereport.com/132674/2020/10/uk-researchers-study-covid-19-and-decision-making-for-reopening-schools/>

Kentucky: Local Health Departments Can Expand Messaging Reach through Communication Partnerships  
*ASPPH Featured News: Membership Research and Reports*  
 1 October 2020



Ask the Experts: Most Aggressive States against the Coronavirus

*WalletHub*

7 April 2020

[https://wallethub.com/edu/most-aggressive-states-against-coronavirus/72307/?fbclid=IwAR0-hsoelZaf2au8LvWmmQ6TErUnlvGtKLnvGEdk4oeW9xyYouAmo2GA\\_l4#expert=anna-goodman-hoover](https://wallethub.com/edu/most-aggressive-states-against-coronavirus/72307/?fbclid=IwAR0-hsoelZaf2au8LvWmmQ6TErUnlvGtKLnvGEdk4oeW9xyYouAmo2GA_l4#expert=anna-goodman-hoover)

Kentucky: Dr. Anna Goodman Hoover Recognized by NIEHS for Environmental Health Literacy Work

*Association of Schools and Programs of Public Health*

7 April 2020

<https://www.aspph.org/kentucky-dr-anna-goodman-hoover-recognized-by-niehs-for-environmental-health-literacy-work/>

Assessing Community Knowledge about Water Quality to Improve Health

*National Institute of Environmental Health Sciences*

31 March 2020

[https://www.niehs.nih.gov/research/supported/centers/core/spotlight/hoover/index.cfm?fbclid=IwAR3gBv4eQys7WWj9UhDdwCPnPulqJG09\\_8kzucnquH\\_W9linvudqI5XCrW0](https://www.niehs.nih.gov/research/supported/centers/core/spotlight/hoover/index.cfm?fbclid=IwAR3gBv4eQys7WWj9UhDdwCPnPulqJG09_8kzucnquH_W9linvudqI5XCrW0)

Kentucky: Building Environmental Health Literacy in Appalachia

*Association of Schools and Programs of Public Health*

4 February 2020

<https://www.aspph.org/kentucky-building-environmental-health-literacy-in-appalachia/>

Kentucky: Hoover gives invited presentation at National Institute of Environmental Health Sciences

*Association of Schools and Programs of Public Health*

11 July 2019

<https://www.aspph.org/kentucky-hoover-gives-invited-presentation-at-national-institute-of-environmental-health-sciences/>

Wyoming more prepared for health emergencies, still below national average

*Buffalo Bulletin*

9 May 2019

[http://www.buffalobulletin.com/news/state/article\\_668369d2-7268-11e9-9ff0-4f0f859003c0.html](http://www.buffalobulletin.com/news/state/article_668369d2-7268-11e9-9ff0-4f0f859003c0.html)

When disaster strikes, how ready is Nevada?

*KNPR Nevada Public Radio*

23 April 2019

<https://knpr.org/knpr/2018-04/when-disaster-strikes-how-ready-nevada>

RWJF report: U.S. treading a slow path to better emergency preparedness

*Fierce Healthcare*

17 April 2018

<https://www.fiercehealthcare.com/regulatory/robert-wood-johnson-foundation-national-emergency-preparedness-index>

National Health Security Preparedness Index

*Hawaii Public Radio*

17 April 2018

<https://www.hawaiipublicradio.org/post/conversation-tuesday-april-17th-2018#stream/0>

How prepared is Ohio, for a major emergency?

*WHBC-AM News-Talk*

17 April 2018

<https://www.whbc.com/how-prepared-is-ohio-for-a-major-emergency/>

Does your state have a climate adaptation plan?

*Moms Clean Air Force*

23 March 2018

<https://www.momscleanairforce.org/state-climate-adaptation-plan/>

Kentucky must learn lessons from deadly 1918 pandemic

*Lexington Herald-Leader*

16 February 2018

<https://www.kentucky.com%2Fopinion%2Foped%2Farticle200654459.html&usq=AOvVaw0eRzQOUfVCggYXGX3jFiir>

Learning lessons from the 1918 flu pandemic

*Cincinnati Enquirer*

18 February 2018

<https://www.cincinnati.com/story/opinion/contributors/2018/02/19/learning-lessons-1918-flu-pandemic/342501002/>

PEPH webinar highlights environmental health literacy

*National Institute of Environmental Health Sciences Environmental Factor*

August 2014

[https://factor.niehs.nih.gov/2014/8/science-peph/file724646\\_alt.pdf](https://factor.niehs.nih.gov/2014/8/science-peph/file724646_alt.pdf)

Taking time to dialogue with stakeholders

National Institute of Environmental Health Sciences 2014 Grantee Highlights

10 December 2014

<https://www.niehs.nih.gov/research/supported/translational/peph/grantee-highlights/2014/index.cfm>

SRP well represented at SETAC Meeting

*National Institute of Environmental Health Sciences 2013 News*

19 December 2013

<https://www.niehs.nih.gov/research/supported/centers/srp/news/archives/2013news/index.cfm>