

Curriculum Vitae

Arbor J. L. Quist

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EDUCATION

University of North Carolina, Chapel Hill, NC. PhD, 2021. Epidemiology.

Dissertation: “Hurricane Flooding, Industrial Hog Operations, and Acute Gastrointestinal Illness in North Carolina”

University of North Carolina, Chapel Hill, NC. MSPH, 2017. Epidemiology.

Thesis: “Poor Housing Quality in New York City and Its Association with Toddler Cognitive Development”

Wellesley College, Wellesley, MA. BA, 2012. Majors: Biology, Religion.

RESEARCH AND PROFESSIONAL EXPERIENCE

2024-current **Assistant Professor**, Division of Epidemiology, College of Public Health
The Ohio State University, Columbus, OH

2021-2024 **NIEHS T32 Postdoctoral Research Fellow**, Department of Population and Public Health
Sciences
University of Southern California, Los Angeles, CA
Conducted community-engaged research examining the health effects of a hydrogen sulfide crisis and of oil and gas production.

2021-2022 **Independent Contractor**
Earthjustice
Conducted analyses of the racial and economic disparities of industrial animal operations’ locations in several US states.

2019-2021 **Epidemiology PhD Candidate**
University of North Carolina, Chapel Hill, NC
Examined hurricane flooding, industrial hog operations, and acute gastrointestinal illness in North Carolina.

2019-2021 **Community Engagement Fellow**, Carolina Center for Public Service
University of North Carolina, Chapel Hill, NC
Worked with a community partner to research experiences of Hurricane Florence survivors and to create a Mold Education and Resource Center.

2018-2020 **Independent Contractor**
Environmental Defense Fund, Houston, TX
Quantified excess emissions after Hurricane Harvey; researched the health effects of benzene to develop guidance for large-scale benzene releases.

2016-2019 **NIEHS T32 Pre-doctoral Trainee**
University of North Carolina, Chapel Hill, NC
Examined the effect a large oil spill on neurological function in a cohort of clean-up workers.

2016 **Summer Graduate Research Fellow**
National Cancer Institute, Rockville, MD
Estimated the association between nitrate in drinking water and pancreatic cancer.

- 2015-2016** **Graduate Research Assistant**, UNC Division of Infectious Disease
University of North Carolina, Chapel Hill, NC
Conducted a scoping literature review of health research in incarcerated populations.
- 2015** **eHealth Project Coordinator**
VA Boston Healthcare System, Boston, MA
Managed an eHealth medication reconciliation project.
- 2013-2014** **Research Assistant II**
Brigham and Women's Hospital, Boston, MA
Assisted in managing a multi-site FDA-funded study and analyzed large quantitative and qualitative datasets relating to medication errors.

PUBLICATIONS

Complete list of published work: <https://www.ncbi.nlm.nih.gov/myncbi/arbor.quist.1/bibliography/public/>

Lesinski JD, Yi J, Ghias E, Fisher JL, Baker MG, Llanos AA, Rogers CR, **Quist AJ**, Felix AS, Paskett ED, Elsaid MI, Richardson D, Hajat A, Sundi D, Eisfeld A, Rosko AE, Pawlik TM, Obeng-Gyasi S, Cruz-Monserrate Z, Carson WE, Bittoni M, Plascak JJ. Cancer mortality rates by detailed occupation among US working-age adults between 2020 and 2023: a population-based study. *The Lancet Oncology*, 2025; <https://pubmed.ncbi.nlm.nih.gov/41360068/>.

Quist AJL, Fliss MD, Delamater PL, Richardson DB, Engel LS. Hurricanes, industrial animal operations, and acute gastrointestinal illness in North Carolina, USA. *Environmental Research: Health*, 2025; 3:015005; <https://doi.org/10.1088/2752-5309/ad9ecf>.

Quist AJL, Holloman DE, Cowan KN, Campbell C, McEachern P, Walsh A, Woods CG. Assessing Post-Hurricane Mold Exposure Concerns in Eastern North Carolina. *Environmental Justice*, 2024; <https://doi.org/10.1089/env.2024.0029>.

Quist AJL, Hovav A, Silverman A, Shamasunder B, Johnston JE. Residents' experiences during a hydrogen sulfide crisis in Carson, California. *Environmental Health*, 2024; 23:31; <https://doi.org/10.1186/s12940-024-01071-5>.

Quist AJL, Johnston JE. Respiratory and Nervous System Effects of a Hydrogen Sulfide Crisis in Carson, California, USA. *Science of the Total Environment*, 2024; 906:167480; <https://doi.org/10.1016/j.scitotenv.2023.167480>.

Quist AJL, Johnston JE. Malodors as environmental injustice: Health symptoms in the aftermath of a hydrogen sulfide emergency in Carson, California, USA. *Journal of Exposure Science And Environmental Epidemiology*, 2023; <https://doi.org/10.1038/s41370-023-00561-x>.

Johnston JE, **Quist AJL**, Navarro S, Farzan SF, Shamasunder B. Cardiovascular Health and Proximity to Urban Oil Drilling in Los Angeles, California. *Journal of Exposure Science And Environmental Epidemiology*, 2023; <https://doi.org/10.1038/s41370-023-00589-z>.

Danforth C, Portier C, Ensor KB, Hopkins L, Evans B, **Quist AJL**, McGraw KE, Craft E. Development and demonstration of a data visualization platform of short-term guidelines for ambient air levels of benzene during disaster response in Houston, Texas. *Integrated Environmental Assessment and Management*, 2023; <https://doi.org/10.1002/ieam.4814>.

Quist AJL, Van Horne YO, Farzan SF, Johnston JE. Metal exposures in residents living near an urban oil drilling site in Los Angeles, California. *Environmental Science & Technology*, 2022; 56:15981-15989; <https://doi.org/10.1021/acs.est.2c04926>.

Quist AJL, Holcomb DA, Fliss MD, Delamater PL, Richardson DB, Engel LS. Exposure to Industrial Hog Operations and Gastrointestinal Illness in North Carolina, USA. *Science of the Total Environment*, 2022; 830:154823; <https://doi.org/10.1016/j.scitotenv.2022.154823>.

Quist AJL, Fliss MD, Wade TJ, Delamater PL, Richardson DB, Engel LS. Hurricane Flooding and Acute Gastrointestinal Illness in North Carolina. *Science of the Total Environment*, 2022; 809: 151108; <https://doi.org/10.1016/j.scitotenv.2021.151108>.

Holcomb DA, **Quist AJL**, Engel LS. Exposure to Industrial Hog and Poultry Operations and Urinary Tract Infections in North Carolina, USA. *Science of the Total Environment*, 2022; 853:158749; <https://doi.org/10.1016/j.scitotenv.2022.158749>.

Quist AJL, Han X, Baird DD, Wise LA, Wegienka G, Giscombe C, Vines AI. Life Course Racism and Depressive Symptoms among Young Black Women. *Journal of Urban Health*, 2022; 99:56-66. <https://doi.org/10.1007/s11524-021-00574-7>.

Patel O, **Quist AJL**, Martin CL, Wise L, Wegienka G, Baird D, Wise LA, Vines A. Life-course Mobility in Socioeconomic Position and High Depressive Symptoms among Young Black Women: The SELF Study. *Women's Health Issues*, 2022; 33:266-272; <https://doi.org/10.1016/j.whi.2022.11.010>.

Quist AJL, Rohlman DS, Kwok RK, Stewart PA, Stenzel MR, Blair A, Miller AK, Curry MD, Sandler DP, Engel LS. Deepwater Horizon Oil Spill Exposures and Neurobehavioral Function in Gulf STUDY Participants. *Environmental Research*, 2019; 179:108834; <https://doi.org/10.1016/j.envres.2019.108834>.

Quist AJL, Inoue-Choi M, Weyer PJ, Anderson KM, Ward MH, Jones RR. Ingested nitrate and nitrite, disinfection by-products, and pancreatic cancer risk in postmenopausal women. *International Journal of Cancer*, 2018; 142:251-261; <https://doi.org/10.1002/ijc.31055>.

Quist-Nelson J, Crank A, Oliver EA, Kim CH, Richard S, George B, Chan J, **Quist AJL**, Berghella V, Roman A. The compliance of a patient safety bundle for management of placenta accrete spectrum. *Journal of Maternal-Fetal & Neonatal Medicine*, 2019; 34:2880-2886; <https://doi.org/10.1080/14767058.2019.1671349>.

Hickman TT, **Quist AJL**, Salazar A, Amato AG, Wright A, Volk LA, Bates DW, Schiff GD. Outpatient CPOE orders discontinued due to 'erroneous entry': prospective survey of prescribers' explanations for errors. *BMJ Quality & Safety*. 2018; 27:293-298; <https://doi.org/10.1136/bmjqs-2017-006597>.

Quist AJL, Hickman TT, Amato AG, Volk LA, Salazar A, Robertson A, Wright A, Bates DW, Phansalkar S, Schiff GD. An analysis of variations in the display of drug names in computerized prescriber order entry systems. *American Journal of Health-System Pharmacy*. 2017; 74:499-509; <https://doi.org/10.2146/ajhp151051>.

Amato MG, Salazar A, Hickman TT, **Quist AJL**, Volk LA, Wright A, McEvoy D, Galanter WL, Koppel R, Loudin B, Adelman J, McGreevey JD, Smith DH, Bates DW, Schiff GD. Computerized prescriber order entry-related patient safety reports: analysis of 2522 medication errors. *Journal of American Medical Informatics Association*. 2017; 24:316-22; <https://doi.org/10.1093/jamia/ocw125>.

Hitchcock AC, Connolly E, Darakananada K, Jeong JW, **Quist AJL**, Robbins A, Ellerby DJ. Locomotor and energetic consequences of behavioral thermoregulation in the sanguivorous leech *Hirudo verbana*. *Journal of Thermal Biology*. 2017; 65:1-7; <https://doi.org/10.1016/j.jtherbio.2017.01.007>.

Hitchcock AC, Chen T, Connolly EM, Darakananda K, Jeong JW, **Quist A**, Robbins AB, Ellerby DJ. Trade-offs between performance and variability in the escape responses of bluegill sunfish. *Biology Open*. 2015; 4:743-51; <https://doi.org/10.1242/bio.201511577>.

Petersen AM, Chin W, Feilich KL, Jung G, **Quist JL**, Wang J, Ellerby DJ. Leeches run cold, then hot. *Biology Letters*. 2011;7:941-3; <https://doi.org/10.1098/rsbl.2011.0320>.

Submitted Manuscripts:

Joshi A, Vines AI, Baird DD, **Quist AJL**. Derivation of Three Occupational Status Measures in Young Black Women: The Study of Environment, Lifestyle, and Fibroids (accepted at the *American Journal of Epidemiology*).

Franklin M, Wu J, Ruiz B, Johnston J, **Quist AJL**. Modeling Community Hydrogen Sulfide Exposure in an Urban Industrial Area During Routine and Extreme Events.

PRESENTATIONS

Invited Talks:

Quist AJL. Hurricanes and Health: An Overview of Epidemiological Research. Invited speaker on Hurricanes & Health Expert Panel, Hurricanes and Health: Understanding Risks and Fostering Resilience online conference. Center for Climate and Health Research Coordinating Center (CAFE), August 4, 2025.

Quist AJL. Partnering with Communities in Environmental Disaster Research. Invited symposium speaker, Microbes and Social Equity. Symposium 4: Community Engagement and Collaboration (virtual), July 21, 2022.

Quist AJL. Hurricane Florence Flooding and Acute Gastrointestinal Illness in North Carolina. Invited speaker at Occupational and Environmental Epidemiology Branch Meeting. North Carolina Department of Health and Human Services, Division of Public Health, Branch of Occupational and Environmental Epidemiology, September 17, 2020.

Quist AJL, Holloman D, Walsh A. Building research partnerships to assess health effects of hurricanes: Creating the Mold Education Resource Center. Invited oral presentation in “Special Session: Multilevel Resistance: Triangulating Relationships Between Resilience and Vulnerability After Disasters” at Annual Meeting of the Southeastern Division of American Association of Geographers, November 25, 2019.

Conference Oral Presentations:

Quist AJL, Xu Y, Kamai E, Lacey J, Spielfogel E, Savage K, Habre R, Johnston JE. Monthly oil and gas production associated with cardiovascular-related hospital visits. Oral presentation at the Joint Meeting of the International Society of Exposure Science and International Society for Environmental Epidemiology, Atlanta, Georgia, USA, August 20, 2025.

Quist AJL, Wu JY, Silverman A, Franklin M, Johnston JE. Identifying key predictors of odor annoyance in southern Los Angeles County, CA, USA Oral presentation at the Annual Meeting of the International Society of Exposure Science, Montreal, Canada, October 23, 2024.

Quist AJL. Partnering with Communities in Environmental Disaster Research. Oral presentation in the Symposium “Environmental health community case studies: Linking storytelling and qualitative research to environmental epidemiology” at the Annual Meeting of the International Society for Environmental Epidemiology Meeting, Santiago, Chile, August 28, 2024.

Quist AJL, Ramirez V, Kamai E, Ortiz L, Serrano S, Ibrahim N, Johnston JE. Nickel and manganese toenail concentrations associated with distance to oil drilling site. Oral presentation at the Annual Meeting of the International Society for Environmental Epidemiology Meeting, Santiago, Chile, August 26, 2024.

Quist AJL, Hovav A, Shamasunder B, Johnston JE. Residents’ Experiences During a Hydrogen Sulfide Emergency: A Qualitative Analysis. Oral presentation at the International Society of Exposure Science Annual Meeting, Chicago, IL, August 28, 2023.

Quist AJL, Johnston JE. Cardiovascular-related Emergency Department Visits During a Hydrogen Sulfide Emergency in Southern Los Angeles County, CA. Oral presentation at the International Society for Environmental Epidemiology – North American Chapter Conference, Corvallis, OR, June 20, 2023.

Quist AJL, Farzan SF, Navarro S, Shamasunder B, Johnston JE. Cardiovascular Health and Urban Oil Drilling in Los Angeles, California. Oral presentation at the International Society for Environmental Epidemiology – North American Chapter Conference, Corvallis, OR, June 21, 2023.

Quist AJL, Fliss MD, Richardson DB, Delamater PL, Engel LS. Hurricane Florence Flooding and Acute Gastrointestinal Illness in North Carolina. Oral presentation at the Annual Meeting of the International Society for Environmental Epidemiology (virtual), August 24, 2020.

Quist AJL, Rohlman DS, Kwok RK, Stewart PA, Stenzel MR, Sandler DP, Engel LS. Deepwater Horizon Oil Spill Exposures and Neurobehavioral Function in GuLF STUDY Participants. Oral presentation at the Joint Annual Meeting of the International Society of Exposure Science and the International Society for Environmental Epidemiology, Ottawa, Canada, August 29, 2018.

Islam J, McClure E, Gartner D, **Quist AJL**, LeMasters K, Wilkie A, Keeler C. Zine development as a pedagogical tool for critically evaluating how social justice and epidemiology relate. Oral presentation at the American Public Health Association Annual Meeting, Philadelphia, PA, November 5, 2019.

Conference Poster Presentations:

Quist AJL, Franklin M, Wu JY, Silverman A, Johnston JE. The association between hydrogen sulfide exposure and blood pressure in Southern Los Angeles County, CA. Poster presentation at the Society for Epidemiologic Research Annual Meeting, Boston, MA, June 11, 2025. First place poster in poster session 2.

Quist AJL, Silverman A, Ahumada J, Hasan Z, Serrano S, Shamasunder B, Johnston JE. Engaging communities to understand the effects of a hydrogen sulfide crisis. Poster presentation at the Partnership for Environmental Public Health Network Meeting, NIEHS, Durham, NC, February 20, 2024.

Quist AJL, Johnston JE. Muscular and nervous system emergency department visits during a hydrogen sulfide emergency in Southern Los Angeles County, CA. Moderated poster discussion/presentation at the Annual Meeting of the International Society for Environmental Epidemiology, Kaohsiung, Taiwan, September 18, 2023.

Quist AJL, Johnston JE. Respiratory emergency department visits during a hydrogen sulfide emergency in Southern Los Angeles County, CA. Poster presentation at the Society for Epidemiologic Research Annual Meeting, Portland, OR, June 15, 2023.

Quist AJL, Farzan SF, Van Horne YO, Johnston JE. Toenail metal concentrations and lung function among residents living near urban oil site. Poster presentation at the Annual Meeting of the International Society for Environmental Epidemiology, Athens, Greece, September 19, 2022.

Quist AJL, Murdock B, Johnston JE. Physical and Mental Health Symptoms After a Hydrogen Sulfide Disaster in Southern Los Angeles County, CA, USA. Poster presentation at the Annual Meeting of the International Society for Environmental Epidemiology, Athens, Greece, September 20, 2022.

Quist AJL, Fliss MD, Richardson DB, Delamater PL, Engel LS. Hurricanes, Industrial Hog Operations, and Acute Gastrointestinal Illness in North Carolina, USA. Poster presentation at the Annual Meeting of the International Society for Environmental Epidemiology, Athens, Greece, September 21, 2022.

Quist AJL, Holcomb DA, Fliss MD, Richardson DB, Delamater PL, Engel LS. Exposure to Industrial Hog Operations and Gastrointestinal Illness in North Carolina, USA. E-poster discussion at the Annual Meeting of the International Society for Environmental Epidemiology (virtual), August 24, 2021.

Quist, AJL, Holloman D, Walsh A, Campbell C, Leggette J, Woods C. Mold Education and Resource Center: A Pilot Study in Robeson County. Poster presentation at the North Carolina Environmental Justice Summit, Whitakers, NC, October 18, 2019.

Quist AJL, Galvez MP, Wolff MS, Engel SM. Poor housing quality in New York City and its association with toddler cognitive development. Poster presentation at Annual Meeting of Society for Epidemiologic Research, Baltimore, MD, June 20, 2018.

Quist AJL, Inoue-Choi M, Weyer PJ, Anderson KM, Ward MH, Jones RR. Nitrate ingestion through water and diet and pancreatic cancer risk in postmenopausal women. Poster presentation at NIEHS Environmental Health Science FEST, Durham, NC, December 7, 2016.

Rosen DL, Grodensky CA, Miller AR, **Quist AJL**. An evaluation of published US correctional health research, 2005-2015. Poster at Academic and Health Policy on Conference on Correctional Health, Baltimore MD, March 17, 2016.

Quist AJL, Hickman TT, Salazar A, Amato M, Volk L, Wright A, Bates DW, Schiff GD. To be discontinued: CPOE medication orders discontinued with the reason being “error (erroneous entry).” Poster presentation at the Annual Symposium of American Medical Informatics Association, San Francisco, CA, November 2015.

Quist, AJL, Robertson A, Thach T, Volk L, Wright A, Slight S, Amato M, Salazar A, Bates DW, Schiff GD. Error-prone CPOE system functionality issues at six institutions. Poster presentation at the Annual Symposium of American Medical Informatics Association, Washington, D.C., November 17, 2014.

Thach T, Robertson A, **Quist AJL**, Volk LA, Wright A, Phansalkar S, Slight SP, Bates DW, Schiff G. A Qualitative Assessment of CPOE and Variation in Drug Name Display. Poster at the Annual Meeting of the American Medical Informatics Association, Washington, D.C., November 17, 2014.

Quist AJL, Robertson A, Thach T, Volk L, Wright A, Phansalkar S, Slight S, Bates DW, Schiff GD. Examining the potential for CPOE system design and functionality to contribute to medication errors. Poster presentation at the Annual Meeting of the Society for General Internal Medicine, San Diego, CA, April 24, 2014.

Quist AJL, Connolly E, Darakananda K, Hitchcock A, Jeong J, Robbins A, Ellerby D. Don’t swim after a large meal, crawl instead. Poster presentation at the Annual Meeting of the Society for Integrative and Comparative Biology, San Francisco, CA, January 6, 2013.

TEACHING EXPERIENCE

The Ohio State University:

Fall 2025	HBHP 7542: Settings and Special Populations in Health Behavior and Health Promotion	Guest Lecture, “Community-Engaged Research”
Fall 2025	PUPHEPI 4410: Conceptual Foundations Of Social Epidemiology	Guest Lecture, “Environmental Justice”
Spring 2025	PUBHLTH 2010: Critical Issues in Public Health	Faculty Director

University of Southern California:

Spring 2024	Seminar in Biostatistics and Epidemiology	Guest Lecture, “Investigating the Health Effects of a Hydrogen Sulfide Crisis”
Spring 2022	Environmental Impacts on the Brain	Guest Lecture, “Disaster Epidemiology”
Summer 2022	Environmental Health Methodological, Trainings, and Teaching Enterprise	Guest Lecture, “Designing and Conducting Health Surveys in the Aftermath of Disasters”
Fall 2021	Introduction to Public Health	Guest Lecture, “Environmental Justice and Community-based Participatory Research”
Fall 2021	Organizing and Mobilizing Communities for Public Health	Guest Lecture, “Community Engaged Disaster Research”

The University of North Carolina:

Fall 2018	Principles of Epidemiology for Public Health	Teaching Assistant
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Other

Fall 2025	Climate Change and Public Health, Boston University	Guest Lecture, “Hurricanes and Health”
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GRANTS

2026-2027	Ohio State University College of Public Health Launchpad grant. Title: Metals in deciduous teeth related to surface application of oilfield brine in Licking County, Ohio. Role: PI. (\$25,000).
2025-2026	Ohio State University Institute for Population Research Seed grant. Title: Examining the association between oil and gas development and adverse birth outcomes in Ohio. Role: PI. Mentors: Courtney Lynch, Olorunfemi Adetona (\$40,000).
2022-2024	NIEHS 1R21ES034720-01. Title: Health symptoms and risk perception of urban environmental justice communities after major hydrogen sulfide disaster. Role: postdoctoral researcher; wrote grant, led and managed project (total direct costs: \$275,000).
2023-2025	NIH/NHLBI 6922-06-CH-S003. Title: Community-driven approaches to Environmental Justice and Health in the Face of the Climate Crisis in Southern California: Prioritizing Local Action for Climate Equity (PLACE Study); Role: postdoctoral researcher, helped write grant (total direct costs: \$1,200,000).
2023-2024	NCI/NIEHS 3U01CA199277-09S1. City of Hope/Beckman Research Institute. Title: Oil and Gas as Drivers of Climate Change and Health: Developing unique resources to investigate multi-level and diverse effects of exposure to oil and gas wells. Role: postdoctoral researcher, helped write grant and analyze data (total direct costs: \$650,000).
2020	Carolina Center for Public Service Disaster Recovery/Rural COVID-19 Response Grant. Title: Mold Education Resource Center Pilot Study. Role: PI (\$5,000)
2020	North Carolina Translational and Clinical Sciences Stakeholder Engagement Voucher. Title: Mold Education Resource Center Pilot Study. Role: PI (\$2,000 for community partners)
2019	Carolina Center for Public Service Disaster Recovery Project Grant. Title: Mold Education Resource Center Pilot Study. Role: PI (\$5,000)

FELLOWSHIPS

2024	International Society for Children's Health and the Environment (ISCHE) fellow
2021-2024	Post-doctoral Training Grant Trainee; NIEHS T32ES013678 (\$76,000/year)
2020-2021	UNC-Chapel Hill Graduate School Dissertation Completion Fellowship (\$18,000)
2019	Carolina Center for Public Service Community Engagement Fellowship (\$2,000)
2016-2019	Pre-doctoral Training Grant Trainee; NIEHS T32 ES007018 (\$23,000/year)

HONORS AND AWARDS

2025	First place poster at SER Poster Session 2 <i>Society for Epidemiologic Research Annual Meeting</i>
2023	Rebecca James Baker Award Honorable Mention <i>International Society for Environmental Epidemiology Annual Meeting</i>
2023, 2024	Dan Wartenberg Memorial Fund Travel Award <i>International Society for Environmental Epidemiology Annual Meeting</i>
2019	James A. Merchant Family Scholarship <i>UNC award for outstanding scholarship in environmental epidemiology</i>
2014	Distinguished Poster Award <i>American Medical Informatics Association Annual Symposium</i>

SERVICE AND LEADERSHIP

2024-current	OSU Epidemiology MPH Admissions Committee <i>Review applications for OSU's MPH in Epidemiology</i>
2025	Witness Deposition <i>Deposition in Monique Alvarez, et al. v. Prologis Inc., et al., Case number 21STCV38929</i> <i>Provided testimony of three peer-reviewed publications on health effects of the 2021 odor event in Carson, CA</i> <i>Superior Court of California, County of Los Angeles, July 24, 2025</i>
2021-2024	USC Environmental Health Postdoctoral Scholar Planning Committee <i>Planned events for USC Environmental Health postdoctoral scholars, including a retreat, seminars on adult learning and teaching skills, and happy hours.</i>
2019-2021	North Carolina Well Water Working Group <i>Worked with other well water researchers to start a working group of scientists, lawyers, and activists who do well water-related work in North Carolina; created listserv and website; help to coordinate quarterly meetings to encourage collaboration and spread knowledge.</i>
2017-2021	Epidemiology and Justice Group <i>Worked with other graduate students to form this group for peer teaching, department advocacy, and research support in social justice-focused epidemiology; coordinate seminars, journal clubs, discussions, and actions at the intersection of epidemiology and social justice; created a "Justice-orientated Epidemiology" syllabus.</i>
2018-2019	Environmental Epidemiology Seminar and Journal Club <i>Coordinated weekly seminars and monthly journal clubs in environmental epidemiology.</i>

OTHER EXPERIENCE AND PROFESSIONAL MEMBERSHIPS

2025-	Ad hoc reviewer for <i>Epidemiologic Reviews</i>
2025-	Ad hoc reviewer for <i>Environmental Research Letters</i>
2025-	Ad hoc reviewer for <i>PLOS Global Public Health</i>
2024-	Ad hoc reviewer for <i>Journal of Asthma</i>
2024-	Ad hoc reviewer for <i>Environmental Epidemiology</i>
2024-	Ad hoc reviewer for <i>Environmental Science & Technology</i>
2024-	Ad hoc reviewer for <i>Environmental Research: Health</i>
2024-	Ad hoc reviewer for <i>Journal Of Exposure Science And Environmental Epidemiology</i>
2023-	Ad hoc reviewer for <i>Environmental Health Perspectives</i>
2023-	Ad hoc reviewer for <i>Nature Water</i>
2022-	Ad hoc reviewer for <i>The Lancet Planetary Health</i>
2020-	Ad hoc reviewer for <i>Occupational and Environmental Medicine</i>
2022-	Member, International Society of Exposure Science (ISES)
2018-	Member, International Society for Environmental Epidemiology (ISEE)

CERTIFICATES AND TRAININGS

Faculty Success Program, National Center for Faculty Development & Diversity. Online. May-July 2025.

Faculty Foundation, Impact, and Transformation (FIT) Program. OSU Drake Institute, Columbus, OH, 2024-2025.

Effective Mentoring. UNC-Chapel Hill Graduate School, Chapel Hill, NC. March 23-April 13, 2020.

Mixed Methods Workshop. H.W. Odum Institute, Chapel Hill, NC. January 29-31, 2020.

Disaster Research Training Workshop. Texas A&M TEEEX, College Station, TX. December 17-18, 2018.

Introduction to Focus Groups. H.W. Odum Institute, Chapel Hill, NC. November 29, 2018.

MEDIA APPEARANCES

Bourzac, Katherine. Denver's Stinkiest Air Is Concentrated in Less Privileged Neighborhoods. May 13, 2025. *Eos*. <https://eos.org/articles/denvers-stinkiest-air-is-concentrated-in-less-privileged-neighborhoods>

Hashemi, Sara. Factory Farm Pollution Can Be Seen From Space, Scientists Say. February 12, 2025. *Sentient Media*. <https://sentientmedia.org/factory-farm-pollution-space/>

Liu, Teresa. Local emergency department visits by Carson residents rise 24% after 2021 Dominguez Channel incident. October 11, 2023. *Daily Breeze*. <https://www.dailybreeze.com/2023/10/11/local-emergency-department-visits-rise-24-after-2021-dominguez-channel-incident/>

Martyn, Amy. The Explosive Legacy of the Pandemic Hand Sanitizer Boom. June 1, 2023. *WIRED*. <https://www.wired.com/story/the-explosive-legacy-of-the-pandemic-hand-sanitizer-boom/>

Evans, Tyler Shaun. USC researchers looking at impacts of hydrogen sulfide on El Segundo residents. November 26, 2022. *Daily Breeze*. <https://www.dailybreeze.com/2022/11/26/usc-researchers-looking-at-impacts-of-hydrogen-sulfide-on-el-segundo-residents/>

Cronin, Dana. Can a Court Compel the EPA to Protect Communities of Color From CAFO Pollution? October 26, 2022. *Civil Eats*. <https://civileats.com/2022/10/26/can-a-court-compel-the-epa-to-protect-communities-of-color-from-cafo-pollution/>

Campbell, Leah. North Carolina Hurricanes Linked to Increases in Gastrointestinal Illnesses in Marginalized Communities. March 7, 2022. *Inside Climate News*. <https://insideclimatenews.org/news/07032022/north-carolina-hurricanes-gastrointestinal-illnesses/>

Study links N.C. hog feeding operations to acute gastrointestinal illness. November 23, 2022. *UNC Gillings School News*. <https://sph.unc.edu/sph-news/study-links-n-c-hog-feeding-operations-to-acute-gastrointestinal-illness/>

Experiences of racism in adolescence raise risk of depression for Black women. February 22, 2021. *UNC Gillings School News*. <https://sph.unc.edu/sph-news/experiences-of-racism-in-adolescence-raise-risk-of-depression-for-black-women/>