

Janelle Rios, PhD, MPH

The University of Texas Health Science Center at Houston (UTHealth Houston) School of Public Health
Department of Occupational and Environmental Health
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EDUCATION

- 2009** **Doctor of Philosophy in Management and Policy Science**
The University of Texas Health Science Center at Houston (UTHealth Houston)
School of Public Health, Houston, Texas
Dissertation: *An Analysis of the RightCare Policy at Ben Taub General Hospital in Houston, Texas*
- 2004** **Master of Public Health**
The University of Texas Health Science Center at Houston (UTHealth Houston)
School of Public Health, Houston, Texas
Thesis: *A Demographic and Spatial Analysis of West Nile Virus and Saint Louis Encephalitis in Houston, Texas*
- 1991** **Bachelor of Arts in Biological Sciences**
Southern Methodist University, Dallas, Texas
- 1989** **Associate of Liberal Arts**
North Lake College, Irving, Texas

CURRENT APPOINTMENTS

- 2026-Present** **Associate Professor**
UTHealth Houston School of Public Health, Houston, Texas
- 2011-Present** **Principal Investigator and Director**
Prevention, Preparedness, and Response (P2R) Consortium
UTHealth Houston School of Public Health, Houston, Texas

PREVIOUS APPOINTMENTS IN PUBLIC HEALTH

- 2010-2026** **Faculty Associate**
UTHealth Houston School of Public Health, Houston, Texas
- 2022-2026** **Deputy Director**
Texas Epidemic Public Health Institute (TEPHI)
UTHealth Houston School of Public Health, Houston, Texas
- 2020-2024** **Deputy Director, Center for Occupational Health and Exposome Sciences**
UTHealth Houston School of Public Health, Houston, Texas

2016-2020	Director, Office of Public Health Practice UTHealth Houston School of Public Health, Houston, Texas
2014-2016	Deputy Director, Southwest Center for Occupational and Environmental Health UTHealth Houston School of Public Health, Houston, Texas
2010-2016	Program Director, Continuing Education and Outreach Programs Southwest Center for Occupational and Environmental Health UTHealth Houston School of Public Health, Houston, Texas
2002-2005	Special Projects Coordinator, Mosquito Control Division Harris County Public Health and Environmental Services, Houston, Texas
1993-2002	Environmental Investigator , Texas Commission on Environmental Quality Region 12 Houston-Galveston
1992-1993	Environmental Quality Specialist, Texas Department of State Health Services Houston Field Region

FUNDED PROJECTS

Currently Funded Projects

Prevention, Preparedness, and Response (P2R) Consortium

Previously, the Texas-Utah Consortium for Hazardous Waste Worker and Safety Training

Funder: National Institute of Environmental Health Sciences (NIEHS), Award No. 5U45ES019360
 Goal: Improve worker health and safety outcomes via innovative training
 Project Period: August 1, 2010-May 31, 2030
 Role: Principal Investigator and Director
 Program 1: Hazardous Waste Worker Training Program
 Program 2: HazMat Disaster Preparedness Training Program

Previously Funded Projects

Texas Epidemic Public Health Institute (TEPHI)

Funder: Office of the Governor of Texas/US Department of Treasury, ARPA Award No. 4546301
 Goal: Prepare Texas to mitigate the transmission of infectious diseases
 Project Period: September 1, 2021-September 30, 2026
 Role: Deputy Director

Safety Academy for Field Experiences (SAFE) Consortium

Funder: U.S. Public Health Service, (USPHS), Award No. 75P00122C00007
 Goal: Develop and deliver pre-deployment training to USPHS officers
 Project Period: February 2022-September 30, 2023
 Role: Sub-award Principal Investigator

Just-in-Time Elastomeric Training and Fit Testing (JETFIT)

Funder: Centers for Disease Control and Prevention, Contract No. 75D30118C02646

Goal: Create a system for rapidly training healthcare workers to use reusable elastomeric respirators in preparation for an event in which disposable respirators are unavailable
Project Period: September 1, 2018-September 30, 2023
Role: Co-Investigator (until 2020), Principal Investigator (2020-2023)
Program 1: Determine feasibility of rapid fit testing and training healthcare workers in simulated public health emergency
Program 2: Assess respirator disinfection methods to determine best practices
Program 3: Determine feasibility of fit testing and training healthcare workers in routine healthcare delivery

COVID-19 in the Us Dairy Industry: Development, Delivery and Evaluation of Training Resources for Producers and Workers

Funder: U. S. Department of Agriculture (USDA) National Institute of Food and Agriculture, Grant No. 2020-67023-32905
Goal: Provide dairy producers with tools for informed decision making related to production practices that maximize worker health, safety, and performance
Project Period: September 15, 2020-September 14, 2022
Role: Co-Investigator (PI: D. Douphrate)

Texas-Utah Consortium for Hazardous Waste Worker Health and Safety Training

Funder: National Institute of Environmental Health Sciences (NIEHS), Award No. 5U45ES019360
Goal: Improve worker health and safety outcomes via innovative training
Project Period: August 1, 2010-July 31, 2020
Role: Director and Principal Investigator (2011-present)
Program 1: Hazardous Waste Worker Training Program
Program 2: HazMat Disaster Preparedness Training Program
Supplements:
-10S1 Coronavirus and Infectious Disease Response Training
-10S2 Disaster Relief, 8/17/2010-7/31/2020
-11S1 COVID-19 Recovery Center, 8/17/2010-5/31/2022
-11S3 El Paso COVID-19 Recovery Training, 3/31/2021-5/31/2022

Biosafety and Infectious Disease Training Initiative

Funder: National Institute of Environmental Health Sciences (NIEHS)
Goal: Train workers to recognize and mitigate hazards that may spread infectious agents
Project Period: June 1, 2016-May 31, 2019, no cost extension to May 31, 2020
Role: Sub-award Principal Investigator (PI: S. Gibbs, PhD, MBA, CIH)

Summer Health Professions Enhancement Program

Previously the Summer Medical and Dental Program (SMDEP)

Funder: The Robert Wood Johnson Foundation
Goal: Pipeline program to enhance the scientific skills of high school students interested in the health professions
Project Period: October 1, 2016-December 31, 2017
Role: Co-Investigator (PI: Karen Novak, DDS, MS, PhD)

Biosafety and Infectious Disease Training Initiative (Pilot Project)

Funder: National Institute of Environmental Health Sciences (NIEHS)
Goal: Pilot Project to train workers to recognize and mitigate hazards that may spread infectious agents
Project Period: May 6, 2015-July 31, 2016
Role: Co-Investigator (PI: RJ Emery, DrPH)

Sustainable Solutions to Metal Air Pollution in Disadvantaged Neighborhoods

Funder: National Institute of Environmental Health Sciences (NIEHS), Award No. 1RO1ES023563
Project Period: August 11, 2014-April 30, 2019
Role: Co-Investigator from 2010-2016, exited project in 2016 (PI: E. Symanski, PhD)

Southwest Center for Occupational and Environmental Health, an Education and Research Center

Funder: The National Institute for Occupation Safety and Health (NIOSH), Award No. T42OH008421
Project Period: July 1, 2015-June 30, 2020
Roles: Director of Continuing Education (2010-2016)
Center Deputy Director (2014-2016)

Ethical Decision Making: Tools for Healthcare Providers

Funder: UTHHealth Program in Interprofessional Ethics
Project Period: January 1, 2013-May 1, 2013
Role: Principal Investigator

The Southwest Center for Occupational and Environmental Health, an Education and Research Center

Funder: The National Institute for Occupation Safety and Health (NIOSH), Award No. T42OH008421
Project Period: July 1, 2011-June 30, 2015
Roles: Director of Continuing Education (2010-2016)
Center Deputy Director (2014-2016)

PUBLICATIONS

<https://www.ncbi.nlm.nih.gov/myncbi/1XGBd6ORZR15-/bibliography/public/>

1. Ruch, K.E. & **Rios, J.** (2026). Building the infection prevention workforce: Development, implementation and evaluation of Texas Epidemic Public Health Institute infection prevention and control 300 series. *Frontiers in Public Health*, 14, 1774483. Apr 2026. doi: 10.3389/fpubh.2026.1774483
2. Conway, S. H., Vasquez, D., Kwon, S., Mena, K. D., Brown, L. D., & **Rios, J.** (2026). Assessment and mitigation of COVID 19 occupational hazards among small businesses in a high-risk community. *International Journal of Workplace Health Management*, 19(3), 322–340. Apr 2026. <https://doi.org/10.1108/IJWHM-05-2025-0105>
3. Bi, K., Nguyen, T., Peng, B., Krause, T., Ganduglia Cazaban, C., **Rios, J.**, Bauer, C., Troisi, C., Boerwinkle, E., & Naik, A. D. (2025). Modeling the impact of MMR vaccination strategies on measles outbreaks in Texas. *JAMA Health Forum*, 6(9), e253992. Sep 2025. <https://doi.org/10.1001/jamahealthforum.2025.3992>

4. Ruch, K. E., Rodríguez, A., & **Rios, J.** (2025). Development, delivery, and evaluation of the Texas Epidemic Public Health Institute infection control module program 200 series. *Frontiers in Public Health*, 13, 1599312. Jul 2025. <https://doi.org/10.3389/fpubh.2025.1599312>
5. Choi, A., Gimeno Ruiz de Porras, D., Guidry, M., **Rios, J.**, Perez, F., Emery, R. J., Ostrosky-Zeichner, L., & Delclos, G. (2025). Telework and employee well-being during the COVID-19 pandemic: A two-wave survey of employees at a Texas Health Sciences University. *Archivos de prevención de riesgos laborales*, 28(3). Jul 2025.
6. Ruch, K. E., Rodriguez, A., **Rios, J.**, Ostrosky-Zeichner, L., & Brown, E. L. (2025). Development, delivery, and evaluation of the Texas Epidemic Public Health Institute pilot infection control lecture series. *Frontiers in Public Health*, 13, 1534560. Mar 2025. <https://doi.org/10.3389/fpubh.2025.1534560>
7. Conway, S. H., Vasquez, D., Mena, K. D., Brown, L. D., Kwon, S., & **Rios, J.** (2024). COVID 19 risk assessment among vulnerable small business owners in El Paso County, Texas. *Journal of Occupational and Environmental Medicine*, 66(12), 987–992. Dec 2024. <https://doi.org/10.1097/JOM.0000000000003227>
8. Chen, X., Balliew, J., Bauer, C. X., Deegan, J., Gitter, A., Hanson, B. M., Maresso, A. W., Tisza, M. J., Troisi, C. L., **Rios, J.**, Mena, K. D., Boerwinkle, E., & Wu, F. (2024). Revealing patterns of SARS CoV 2 variant emergence and evolution using RBD amplicon sequencing of wastewater. *Journal of Infection*, 89(5), 106284. Nov 2024. <https://doi.org/10.1016/j.jinf.2024.106284>
9. Tisza, M. J., Hanson, B. M., Clark, J. R., Wang, L., Payne, K., Ross, M. C., Mena, K. D., Gitter, A., Javornik Cregeen, S. J., Cormier, J., Avadhanula, V., Terwilliger, A., Balliew, J., Wu, F., **Rios, J.**, Deegan, J., Piedra, P. A., Petrosino, J. F., Boerwinkle, E., & Maresso, A. W. (2024). Sequencing-based detection of avian influenza A(H5N1) virus in wastewater in ten cities. *New England Journal of Medicine*, 391(12), 1157–1159. Sep 2024. <https://doi.org/10.1056/NEJMc2405937>
10. Chen, X., Balliew, J., Bauer, C. X., Deegan, J., Gitter, A., Hanson, B. M., Maresso, A. W., Tisza, M. J., Troisi, C. L., **Rios, J.**, Mena, K. D., Boerwinkle, E., & Wu, F. (2024). RBD amplicon sequencing of wastewater reveals patterns of variant emergence and evolution. *medRxiv*. Jul 2024. <https://doi.org/10.1101/2024.07.12.24310301>
11. Lane, M., Pompeii, L., **Rios, J.**, Benavides, E., Kasbaum, M., Patlovich, S., Ostrosky-Zeichner, L., Hornbeck, A., McClain, C., Fernando, R., Sietsema, M., & Kraft, C. (2024). Provider experiences with daily use of elastomeric half-mask respirators in health care. *American Journal of Infection Control*, 52(7), 745–750. Jul 2024. <https://doi.org/10.1016/j.ajic.2024.01.015>
12. Perkison, W. B., Shegog, R., Lai, D., Upadhyay, S., Yalavarthy, G., Guerrero-Luera, R., Mathews, P. D., **Rios, J.**, Mehta, R., McLaughlin, J., & Nabeel, I. (2024). Development of system-based digital decision support ('Pocket Ark') for post-flood enhanced response coordination and worker safety: an intervention mapping approach. *Frontiers in Environmental Health*, 3, 1368077. Jun 2024. <https://doi.org/10.3389/fenvh.2024.1368077>
13. Pompeii, L., **Rios, J.**, Kraft, C. S., Kasbaum, M., Benavides, E., Patlovich, S. J., Ostrosky-Zeichner, L., Hornbeck, A., McClain, C., Fernando, R. D., Sietsema, M., & Lane, M. (2024). Health care workers' comfort ratings for elastomeric half-mask respirators versus N95 filtering facepiece respirators during the COVID-19 pandemic. *Workplace Health & Safety*, 72(7), 261–272. Apr 2024. <https://doi.org/10.1177/21650799241238755>

14. Emery, R. J., Patlovich, S. J., & **Rios, J.** (2023). Responding to the next pandemic: Considerations for OSH professionals. *Professional Safety*, 68(12), 54–55. Dec 2023.
15. Oghuan, J., Chavarria, C., Vanderwal, S. R., Ojaruega, A. A., Monserrat, C., Bauer, C. X., Brown, E. L., Javornik Cregeen, S., Deegan, J., Hanson, B. M., Tisza, M., Ocaranza, H. I., Balliew, J., Maresso, A. W., **Rios, J.**, Boerwinkle, E., Mena, K. D., & Wu, F. (2023). Wastewater analysis of Mpox virus in a city with low prevalence of Mpox disease: An environmental surveillance study. *The Lancet Regional Health – Americas*, 28, 100639. Nov 2023.
16. Maresso, A. W., Tisza, M., Javornik Cregeen, S., Avadhanula, V., Zhang, P., Ayvaz, T., Feliz, K., Hoffman, K. L., Clark, J. R., Terwilliger, A., Ross, M. C., Cormier, J., Henke, D., Troisi, C., Wu, F., **Rios, J.**, Deegan, J., Hanson, B., Gitter, A., Zhang, K., Li, R., Bauer, C., Mena, K. D., Piedra, P. A., Petrosino, J. F., Boerwinkle, E., Balliew, J., Moreno, H., Payne, K., & Wang, L. (2023). Comprehensive wastewater sequencing reveals community and variant dynamics of the collective human virome. *Nature Communications*, 14(1), 6878. Oct 2023.
17. Tisza, M., Javornik Cregeen, S., Avadhanula, V., Zhang, P., Ayvaz, T., Feliz, K., Hoffman, K. L., Clark, J. R., Terwilliger, A., Ross, M. C., Cormier, J., Moreno, H., Wang, L., Payne, K., Henke, D., Troisi, C., Wu, F., **Rios, J.**, Deegan, J., Hanson, B. M., Balliew, J., Gitter, A., Zhang, K., Li, R., Bauer, C. X., Mena, K. D., Piedra, P. A., Petrosino, J. F., Boerwinkle, E., & Maresso, A. W. (2023). Wastewater sequencing reveals community and variant dynamics of the collective human virome. *Nature Communications*, 14(1), 6878. Oct 2023.
18. Clark, J. R., Terwilliger, A., Avadhanula, V., Tisza, M., Cormier, J., Javornik-Cregeen, S., Ross, M. C., Hoffman, K. L., Troisi, C., Hanson, B., Petrosino, J., Balliew, J., Piedra, P. A., **Rios, J.**, Deegan, J., Bauer, C., Wu, F., Mena, K. D., Boerwinkle, E., & Maresso, A. W. (2023). Wastewater pandemic preparedness: Toward an end-to-end pathogen monitoring program. *Frontiers in Public Health*, 11, 1137881. Mar 2023.
19. Emery, R. J., Patlovich, S. J., King, G., & **Rios, J.** (2023). A means of codifying safety cross-training knowledge expectations for biosafety professionals. *Applied Biosafety*, 28(1). Mar 2023. <https://doi.org/10.1089/apb.2022.0032>
20. Emery, R. J., Patlovich, S. J., Gutierrez, J., & **Rios, J.** (2022). Considerations for radiation safety professionals to prepare and respond to the next pandemic. *Health Physics*, 123(5), 396-401. Aug 2022. <https://doi.org/10.1097/HP.0000000000001602>
21. Emery, R. J., Patlovich, S. J., King, K. G., & **Rios, J.** (2022). Pivoting the biosafety program in response to COVID-19: Recommendations of key services and tasks to consider for the next pandemic. *Applied Biosafety*, 1;27(3):119-126. Sep 2022. <https://doi.org/10.1089/apb.2022.0009>
22. Emery, R. J., Patlovich, S. J., King, K. G., Lowe, J. M., & **Rios, J.** (2022). Assessing competency categories across biosafety, infection prevention, and public health professions: A guide for addressing needed professional development training for the current and next pandemic. *Applied Biosafety*, 27(2), 53–57. May 2022. <https://doi.org/10.1089/apb.2022.0002>
23. Emery, R. J., Wang, J., Brown, B., Parker, S., Inyang, O., & **Rios, J.** (2022). Estimating average university environmental health and safety program staffing and resourcing using a series of iteratively developed evidence-based models. *Journal of Chemical Health & Safety*, 29(2), 223-229. Feb 2022. <https://doi.org/10.1021/acs.chas.1c00087>

24. Pompeii, L. A., Kraft, C. S., Brownsword, E. A., Lane, M. A., Benavides, E., **Rios, J.**, & Radonovich, L. J. (2020). Training and fit testing of health care personnel for reusable elastomeric half-mask respirators compared with disposable N95 respirators. *JAMA*, 323(18), 1849-1852. Mar 2020. <https://doi.org/10.1001/jama.2020.4806>
25. Emery, R. J., **Rios, J.**, Becker, Z. B., Haltiwanger, B., & Patlovich, S. J. (2020). Characterization of work settings in which biosafety professionals conduct operations: Results from the First Survey of the Biosafety Analytics Initiative Survey Series. *Applied Biosafety*, 25(2), 90–95. Jun 2020. <https://doi.org/10.1177/1535676020902614>
26. Horney, J. A., **Rios, J.**, Cantu, A., Ramsey, S., Montemayor, L., Raun, L., & Miller, A. (2019). Improving Hurricane Harvey disaster research response through academic-practice partnerships. *American Journal of Public Health*, 109(9), 1198–1201. Sep 2019. <https://doi.org/10.2105/AJPH.2019.305166>
27. Kennedy, M., Gonick, S., Meischke, H., **Rios, J.**, & Errett, N. A. (2019). Building back better: Local health department engagement and integration of health promotion into Hurricane Harvey recovery planning and implementation. *International Journal of Environmental Research and Public Health*, 16(3), 299. Jan 2019. <https://doi.org/10.3390/ijerph16030299>
28. Le, A. B., Brooks, E. G., McNulty, L. A., Gill, J. R., Herstein, J. J., **Rios, J.**, Patlovich, S. J., Jelden, K. C., Schmid, K. K., Lowe, J. J., & Gibbs, S. G. (2018). U.S. medical examiner/coroner capability to handle highly infectious decedents. *Forensic Science, Medicine and Pathology*, 15(1), 31–40. Nov 2018. <https://doi.org/10.1007/s12024-018-0043-2>
29. Emery, R. J., **Rios, J.**, & Patlovich, S. J. (2018). Biosafety program analytics initiative for the advancement of the profession. *Applied Biosafety*, 23(2), 67–69. Jun 2018. <https://doi.org/10.1177/1535676018767906>
30. Schwartz, R. M., Tuminello, S., Kerath, S. M., **Rios, J.**, Lieberman-Cribbin, W., & Taioli, E. (2018). Preliminary assessment of Hurricane Harvey exposures and mental health impact. *International Journal of Environmental Research and Public Health*, 15(5), E974. May 2018. <https://doi.org/10.3390/ijerph15050974>
31. Emery, R. J., **Rios, J.**, & Patlovich, S. J. (2018). Biosafety program analytics initiative for the advancement of the profession. *Applied Biosafety*, 23(2), 1–3. Apr 2018. <https://doi.org/10.1177/1535676018767906>
32. Emery, R. J., Patlovich, S. J., King, K., Lowe, J. J., & **Rios, J.** (2016). Comparing the established competency categories of the biosafety and infection prevention professions: a possible roadmap for addressing professional development training needs for a new era. *Applied Biosafety*, 21(2), 79–83. May 2016. <https://doi.org/10.1177/1535676016651250>
33. Emery, R. J., & **Rios, J.** (2016). Strategies for navigating common ethical dilemmas encountered by operational radiation safety professionals. *Health Physics*, 110(Suppl. 2), S5–S8. <https://doi.org/10.1097/HP.0000000000000451>
34. Emery, R. J., **Rios, J.**, & Patlovich, S. J. (2015). Thinking outside the box: Biosafety's role in protecting non-laboratory workers from exposure to infectious disease. *Applied Biosafety*, 20(3), 128–129. Sep 2015. <https://doi.org/10.1177/153567601502000301>

35. **Rios, J.** (2010). An analysis of the RightCare policy at Ben Taub General Hospital, Houston, Texas (Doctoral dissertation, not peer reviewed). Texas Medical Center Dissertations. Proquest.
36. Pourmand, A., & **Rios, J.** (2010). Technology and public health crises. In G. B. Kapur & J. P. Smith (Eds.), *Emergency Public Health: Preparedness and response* (pp. 131–150). Jones & Bartlett Learning.
37. **Rios, J.**, Hacker, C., Parsons, R., & Hailey, C. (2006). Demographic and spatial analysis of West Nile virus and St. Louis encephalitis in Houston, TX. *Journal of the American Mosquito Control Association*, 22(2). [https://doi.org/10.2987/8756-971X\(2006\)22\[254:DASAOW\]2.0.CO;2](https://doi.org/10.2987/8756-971X(2006)22[254:DASAOW]2.0.CO;2)

SCIENTIFIC REVIEW ACTIVITIES

1. Manuscript Reviewer, Manuscript ID 1972841, Frontiers in Public Health, Infectious Diseases: Epidemiology and Prevention Section, August 2026.
2. Abstract Reviewer, Texas Public Health Association 2025 Annual Education Conference, December 2024, n=14.
3. Reviewer, Special Emphasis Panel, National Institute for Occupational Safety and Health (NIOSH), RFA -OH-23-003 Education and Research Centers, Scientific Review Group ZOH1 EHG 05 1; February 26-27, 2024.
4. Reviewer, Special Emphasis Panel, Centers for Disease Control and Prevention, National Institute of Occupational Safety and Health, Education and Research Centers, February 11-13, 2019, Alexandria, VA.
5. Reviewer, Scientific Review Panel, National Institute for Occupational Safety and Health (NIOSH), Cooperative Research Agreements for NIOSH Centers of Excellence for Total Worker Health (<http://grants.nih.gov/grants/guide/pa-files/PA-15-361.html>), March 15-17, 2016, Pittsburgh, PA.
6. Reviewer, Scientific Review Panel, National Institute of Environmental Health Sciences (NIEHS), P42 Superfund Hazardous Substances Research and Training Review Committee, October 23-25, 2013, Chapel Hill, NC.

ACADEMIC COURSES

1. Infection Control and Biosafety (PH2132), Fall 2019, Lead instructor
2. Infection Control and Biosafety (PH2183 and PH2132), Fall 2018, Co-instructor

GUEST LECTURES IN ACADEMIC COURSES

1. UTHHealth Houston SPH, Occupational and Environmental Health Seminar course, “Ethical Decision Making in Dual Loyalty Settings”, August 28, 2026, n=18.
2. UTHHealth Houston SPH, Health and Program Safety Management course, asynchronous recording, “Ethical Decision Making in Dual Loyalty Settings”, Spring 2024.
3. UTHHealth SPH, Environmental and Occupational Health Seminar Course, “Ethical Decision Making in Dual Loyalty Settings”, Houston, TX, March 28, 2022, n=25.

4. University of Utah Occupational Health Management Course, "Ethical Decision Making in Dual Loyalty Settings", Online, March 28, 2022, n=17.
5. University of Utah, Occupational Health Management Course, "Ethical Decision Making in Dual Loyalty Settings", April 7, 2021, n=18.
6. UTHealth SPH, Environmental and Occupational Health Seminar Course, "Ethical Decision Making in Dual Loyalty Settings", Houston, TX, March 22, 2021, n=24.
7. UTHealth SPH PH 1433/34 Health Promotions and Behavioral Sciences Research Seminar (Instructor: S. Vernon), "The Practicum Experience", Houston, TX, telecast to remote campuses from Houston, December 2, 2019, n=15.
8. UTHealth SPH PH 1433/34 Health Promotions and Behavioral Sciences Research Seminar (Instructor: S. Vernon), "The Practicum Experience", Houston, TX, telecast to remote campuses from Houston, April 29, 2019.
9. UTHealth Dietetic Internship Program, Interviewing Skills Workshop, Houston, TX, January 8, 2019, n=15.
10. UTHealth SPH PH 1433/34 Health Promotions and Behavioral Sciences Research Seminar (Instructor: S. Vernon), "The Practicum Experience", Houston, TX, telecast to remote campuses from Houston, April 30, 2018, n=16.
11. UTHealth SPH PH 1433/34 Health Promotions and Behavioral Sciences Research Seminar (Instructor: S. Vernon), "The Practicum Experience", Houston, TX, telecast to remote campuses from Houston, December 4, 2017, n≈25.
12. UTHealth SPH PH2110 Overview of Environmental Health, "Solid and Liquid Wastes", telecast from Houston campus, October 26, 2017, n=48.
13. UTHealth SPH Summer Capstone Course (Instructors: W. Taylor and A. Carson), "Career Management", Houston, TX, telecast to remote campuses from Houston, May 23, 2017, n≈35.
14. UTHealth SPH PH1433 Health Promotions and Behavioral Sciences Research Seminar (Instructor: S. Vernon), "The Practicum", Houston, TX, telecast to remote campuses from Houston, April 24, 2017, n≈20.
15. UTHealth SPH Capstone (Instructor: G. Delclos), "Career Builder: Getting Hired (Abridged)", Houston, TX, telecast to remote campuses from Houston, April 13, 2017, n≈35.
16. UTHealth SPH Capstone Course (Instructor: G. Gemeinhardt), "Career Builder: Getting Hired (Abridged)", Houston, TX, telecast to remote campuses from Houston, April 12, 2017, n≈35.
17. UTHealth SPH Dietetic Internship Program, "Hiring Overview", Houston, TX, April 10, 2017, n≈10.
18. UTSPH PH2110 Overview of Environmental Health, "Solid and Liquid Wastes", telecast to 5 campuses from Houston, October 27, 2016, n=60.
19. UTSPH Capstone, "Career Builder: Resumes and Cover Letters", Houston, TX, October 14, 2016, n≈25.
20. UTSPH PH2110 Overview of Environmental Health, "Solid and Liquid Wastes", telecast to remote campuses from Houston, TX, November 12, 2015, n=75.
21. UTSPH PHM 2498 Infection Prevention and Biosafety, "An Introduction to the Biosafety and Infectious Disease Training Initiative", August 31, 2015.
22. UTSPH PH2110 Overview of Environmental Health, "Solid and Liquid Wastes", telecast from Houston campus, November 6, 2014, n≈35.

23. UTSPH PH3715 Introduction to Management and Policy Sciences, Community Health Safety and Preparedness Module, Ethical Decision Making and Public Health Leadership, June 17, 2014, telecast from Houston, n>50.
24. UTSPH PH2110 Overview of Environmental Health Solid, “Solid and Liquid Wastes”, telecast from Houston campus, October 2013.
25. UTSPH PH2110 Overview of Environmental Health Solid, “Solid and Liquid Wastes”, telecast from Houston campus, October 25, 2012.

PRESENTATIONS

1. A 25-year Remembrance: 20 Emergency Preparedness Lessons Learned After September 11, 2001. Planner and opener. Online webcast on September 11, 2026 from Houston, TX; n=164 (in-person=29, online=135).
2. *Ethical Decision Making in Dual Loyalty Settings*. Guest presenter in academic course. Hybrid. Houston, TX; n=18 (in-person=9).
3. *Bloodborne Pathogens for Local Health Departments*. Moderator. Online webcast originating from Houston, TX; June 26, 2026; n=103.
4. P2R Consortium Prevention and Preparedness Series, *Ebola Information Session*. Moderator. Webcast from Houston, TX; June 17, 2026; n=363 unique attendees.
5. *Prevention, Preparedness, and Response (P2R) Consortium Introduction*. Presenter. Radiation Safety Officer (RSO) course, Houston, TX; May 4-8, 2026; n=9.
6. 2026 Higher Education Risk Management Conference. Planner in collaboration with the University of Texas System, Galveston, TX; April 12-15, 2026; n=543.
7. *Prevention, Preparedness, and Response (P2R) Consortium Introduction*. Presenter. South Texas All Hazards Conference, McAllen, TX; March 25, 2026; n=21.
8. Fire Extinguisher Training. Trainer. Graduate students, Environmental and Occupational Sciences Department, UTHealth Houston School of Public Health; Houston, TX; October 3, 2025; n=14.
9. Texas Public Health Summit. Emcee. In-person with webcast from Houston, TX; September 25, 2025; n=646 (201 in person; 445 online).
10. *Texas Floods: Lessons Learned and Re-learned*. Presenter. NIH NIEHS Worker Training Program conference, Building Local Capacity and Bridging Training Gaps in Disaster Preparedness and Response for Workers and Communities Workshop; Virginia Beach, VA; September 17-18, 2025; n=45.
11. *The Prevention, Preparedness, and Response Consortium: An Overview*. Presenter. The Toxic Substances Coordinating Committee Quarterly Meeting; Austin, TX; June 17; n=~31.
12. One Health and Highly Pathogenic Avian Influenza symposium. Planner in collaboration with the Texas Department of Health Region 1. Hybrid event, webcast from Lubbock, TX; April 22, 2025.
13. *Health Promotion and Disease Prevention through Community Health Workers*. Co-presenter. NIH NIEHS Worker Training Program (WTP) Spring Meeting and Workshop; webcast from Houston, TX to WTP attendees nationwide; May 5, 2025; n=~85.

14. *Measles: A TEPHI Live Forum*. Webinar host and moderator. Live webcast from Houston, TX; March 7, 2025; n=651.
15. *The Deployment of Advanced Reactor Technology and Health Physics Needs to Support*. Moderator. Live Webcast from Houston, TX; February 13, 2025; n=109.
16. *TEPHI Talks: Policy and Pandemics: Public Health Approaches to Private sector Challenges*. Moderator. Live Webcast from Houston, TX; February 4, 2025; n=___.
17. *40-hour Hazardous Waste Operations and Emergency Response (HAZWOPER)* course with 8-hour refresher add-on. Co-instructor. Milwaukee, WI, week of January 13, 2024, n=20.
18. *A Qualitative Assessment of Community Health Workers' Needs and Challenges during the COVID-19 Pandemic*. Poster presentation, coauthors: Conway, Vasquez, Mena, Brown, Kwon, Guglielmo, and Rios. American Public Health Association (APHA) Annual Meeting & Expo, Community Health Workers Section; November 2024.
19. Texas Public Health Summit 2024 (Theme: Zoonotic Diseases). Organizer and emcee. Hybrid event from Houston, TX; September 25, 2024; n=521 (175 in-person, 346 online).
20. *Global Health Security with a Texas Twist*. Presenter. Southern Biosafety Association (SBA)-AMEXBIO International Symposium. El Paso, TX; August 15, 2024; n=57.
21. *Ethical Decision-Making Tools for Enhancing Organizational Safety Culture*. Presenter (online from Houston, TX). Diasorin/Luminex EHS Summit 2024. August 9, 2024; n=4.
22. *Global Health Security with a Texas Twist*. Presenter. State Office of Risk Management (SORM) Symposium. Conroe, TX; August 2, 2024; n=~23.
23. *40-hour Hazardous Waste Operations and Emergency Response (HAZWOPER)* course with 8-hour refresher add-on. Co-instructor. Milwaukee, WI, week of May 13, 2024; n=8.
24. National Institute of Environmental Health Sciences (NIEHS) Worker Training Program (WTP) Spring 2024 Workshop, Breakout Session Moderator. Washington, DC; May 1-2, 2024.
25. *Global Health Security with a Texas Twist*. Presenter. Higher Education Risk Management Conference. Galveston, TX; April 16, 2024; n=28.
26. *Mass Casualty Preparedness and Response: Pathogens, Pandemics, Wastewater, and Population Health*. Panel Presenter. Institute for Homeland Security, Sam Houston State University. Conroe, TX; February 2, 2024; n=27.
27. *40-hour Hazardous Waste Operations and Emergency Response (HAZWOPER)* course with 8-hour refresher add-on. Co-instructor. Milwaukee, WI, week of January 7, 2024; n=14.
28. *TEPHI Talks: Impacts on COVID-19 on a Large Multi-National Company and Related Future Planning*; online via Teams, originated in Houston, TX; December 12, 2023; n=65.
29. Opening remarks, Exploring Local Community Resilience Imaginaries conference. The University of Texas Rio Grande Valley (UTRGV). Edinburg, TX; November 28, 2023; n=96.
30. Houston Community College, Community College Student Alliance (infectious disease science club), visit to UTHealth Houston SPH for tour and presentations; November 17, 2023; n=5.
31. *An Overview of the Texas Epidemic Public Health Institute*. Presenter (online from Houston, TX). Texas Continuity Council; November 16, 2023; n=21.

32. American Public Health Association (APHA), co-author for presentation *COVID-19 Risk Assessment among Vulnerable Small Business Owners in El Paso County, Texas*. Atlanta, GA; November 12-15, 2023.
33. Collegium Ramazzini (International Conference on the Environment, Work and Health in the 21st Century: Strategies and Solutions to a Global Crisis), presenter, *Resiliency and Climate Change*; Bologna, Italy; October 25, 2023; n=46 (in-person, online audience unknown).
34. Texas Public Health Summit 2023 (Theme: Wastewater Science), Organizer and emcee; hybrid event: online and Houston, TX, October 19, 2023; n=~348 (76 in person and 272 online).
35. National Institute of Environmental Health Sciences (NIEHS) Worker Training Program (WTP) Fall 2023 Workshop. Breakout Session Moderator. Research Triangle Park, NC; October 18-19, 2023.
36. COHS Symposium: *Introduction to TEPHI*. Co-presenter. Sam Houston State University. The Woodlands, TX; September 7, 2023, n=17.
37. TEPHI Talks: *Overview of the Texas Restaurant Industry*. Moderator. Online (originated in Houston, TX); August 22, 2023; n=61.
38. UTHealth Houston Pandemic Hotwash Results, UTHealth Houston Safety Council. Co-author and Presenter. Online (from Houston, TX); July 20, 2023; n=35.
39. Webinar *Assessment of Elastomeric Respirators in Healthcare Delivery: Randomized-controlled Elastomeric Studies with PCR Technology: Disinfection Safety and Effectiveness (RESPonSE)*. CDC-funded Just-in-Time Elastomeric Fit Testing and Training (JET FIT) project. Co-author. Online; July 11, 2023; n=~195.
40. TEPHI Talks: *Texas International Produce Association*. Moderator. Online (from Houston, TX); June 13, 2023; n=149.
41. *An Overview of the Texas Epidemic Public Health Institute*. Houston Community College. Presenter (online from Houston, TX); May 31, 2023; n=18.
42. *40-hour Hazardous Waste Operations and Emergency Response (HAZWOPER)* course with 8-hour refresher add-on. Co-instructor. Edinburg, TX; Week of May 22, 2023; n=14.
43. *40-hour Hazardous Waste Operations and Emergency Response (HAZWOPER)* course with 8-hour refresher add-on. Co-instructor. DeKalb, IL; Week of May 15, 2023; n=12.
44. *TEPHI and Healthcare*, TEPHI Certificate Program. Presenter. UTHealth Houston Clinic Leadership Meeting. Houston, TX; May 10, 2023; n=229.
45. UTHealth Houston Pandemic Hotwash. Presenter and Facilitator. Houston, TX; May 2, 2023; n=43.
46. *TEPHI Overview*. Presenter. Houston Community College, West Campus. Houston, TX; March 3, 2023; n=13.
47. TEPHI Talks: *Dell Technologies' Workplace Transformation in Response to COVID-19*. Moderator (Online from Houston, TX); February 16, 2023; n=144 (live audience; 78 viewers).
48. Health and Safety Council (formerly the Houston Area Safety Council) Tailgate Extravaganza, Informational Table; Houston, TX; February 10, 2023.

49. *Texas Epidemic Public Health Institute Overview*. Presenter (online from Houston, TX). Texas Chemical Council, Industrial Health Committee. February 3, 2023; n=20.
50. *Using Wastewater Science*. Panelist. Taste of Science Seminar; Houston, TX; January 26, 2023; n=38.
51. *TEPHI Overview*. Presenter. UTHealth Houston Center for Health Care Data at the Houston Health Museum. Houston, TX; January 25, 2023; n=33.
52. *40-hour Hazardous Waste Operations and Emergency Response (HAZWOPER)* course with 8-hour refresher add-on. Co-instructor. Milwaukee, WI; Week of January 9, 2023; n=18.
53. *TEPHI Talks: McKesson Medical Supply*. Moderator, Online; December 6, 2022; n=202 (71 live audience; 131 viewers).
54. Closing remarks, Texas Epidemic Public Health Institute (TEPHI) Community Engagement 2-Day Boot Camp for Pandemic Preparedness. Presenter. Houston, TX; December 2, 2022; n=22.
55. *The Texas Epidemic Public Health Institute*. Southeast Texas Regional Advisory Council (SETRAC) Preparedness Coalition Symposium. Presenter, Galveston, TX; November 3, 2022; n=~100.
56. UTHealth Houston School of Public Health Student Epidemic Intelligence Service (SEIS); presenter, *TEPHI Overview*, Online, October 24, 2022, n=5.
57. National Institute of Environmental Health Sciences (NIEHS) Worker Training Program (WTP) Fall 2022 Workshop, Research Triangle Park, NC:
 - Facilitator, Engagement with Small Businesses and Associations Breakout Session. October 21, 2022; n=~30.
 - Panelist, *The Changing Landscape of HAZWOPER Training*, Part 2. Focus: The Importance of Using the Hierarchy of Controls for Infectious Disease Protection. October 21, 2022; n=~70.
58. *TEPHI Talks: Public Health Law: Business Preparedness and Operations*, Q&A moderator, online; October 5, 2022; n=124.
59. *40-hour Hazardous Waste Operations and Emergency Response (HAZWOPER)* course with 8-hour refresher add-on. Co-instructor. Houston, TX; week of October 3, 2022; n=5.
60. *40-hour Hazardous Waste Operations and Emergency Response (HAZWOPER)* course with 8-hour refresher add-on. Co-instructor. Burlington, VT; week of September 12, 2022; n=12.
61. US Federal Bureau of Investigations, *Community Unified Response to Radiological Incidents and Emergencies*, Tabletop Exercise. Organizer. Houston, TX; August 31, 2022; n=107.
62. *Risk Assessment*. Presenter. US Public Health Service, Deploy – Safety Academy for Field Experiences (D-SAFE). Omaha, NE; August 30, 2022; n=39.
63. *TEPHI Talks: Pandemic Impact on Supply Chains: An interview with Office Depot*, Q&A moderator, online; August 2, 2022; n=28.
64. Texas Public Health Summit 2022: *Fostering Trust Through Effective Communication*. Organizer and moderator for online audience. Hybrid from Houston, TX; July 14, 2022; n=~317 (~97 in person and 220 online).

65. TEPHI Talks: *Anticipating and Responding to the COVID-19 Pandemic: Lessons from a Major Texas Grocer (H-E-B)*. Moderator (online). May 25, 2022; n=249 (127 live audience; 122 viewers).
66. *40-hour Hazardous Waste Operations and Emergency Response (HAZWOPER)* course with 8-hour refresher add-on. Co-instructor. Edinburg, TX; week of May 16, 2022; n=20.
67. Southern Biosafety Association Spring Symposium 2022, "*An Introduction to the Texas Epidemic Public Health Institute*". Presenter (online from Houston, TX). April 29, 2022; n=82.
68. *Ethical Decision-Making in Safety*. Presenter. 2022 Higher Education Risk Management Conference. San Antonio, TX; April 11, 2022; n=55.
69. *Biomaterials Import and Export*. Online moderator. U.S. Customs and Border Patrol. February 22, 2022; n=69.
70. *Global Health Security: A Texas Twist with Opportunities for Safety Professionals*. Presenter in two back-to-back sessions. NASA 2022 KBR Zero Harm Day. February 16, 2022; n=193 (total).
71. 2021 Disaster Research Training Workshop, "*Risk Communication*" tabletop exercise at Texas A&M University. College Station, TX; December 3, 2021; n=21.
72. SPH Green Roof Tour for NASA, Houston, November 5, 2021.
73. *In Remembrance of September 11, 2001: 20 emergency management lessons learned that can be applied to the COVID-19 pandemic*, Online, in collaboration with the Charlotte Safety and Health School. Moderator. October 21, 2021; n=51.
74. *Setting the Stage: Experience with Partnerships*. Presenter (online). NIEHS Worker Training Program Fall Workshop. October 20, 2021; n=120.
75. *El Paso COVID-19 Recovery Project Update*. Presenter (online). NIEHS Worker Training Program Awardee Meeting. October 19, 2021; n=124.
76. *40-hour Hazardous Waste Operations and Emergency Response (HAZWOPER)* course with 8-hour refresher add-on. Co-instructor. Edinburg, TX; week of August 9, 2021; n=11.
77. *40-hour Hazardous Waste Operations and Emergency Response (HAZWOPER)* course with 8-hour refresher add-on. Co-instructor. Burnett County, TX; week of July 12, 2021; n=19.
78. *A Collaborative Discussion about Safety Metrics: University of Iowa and UTHealth*. Online moderator. April 27, 2021; n=~21.
79. *Ethical Decision Making in Dual Loyalty Settings*. Presenter. Environmental Health and Safety Academy. Houston, TX; April 19, 2021; n=34.
80. *Environmental Justice and Natural Disasters Town Hall – Gulf Coast*. Breakout session facilitator. NIH/National Institute of Environmental Health Sciences. March 8, 2021; n=~135.
81. *Environmental Justice and Natural Disasters Town Hall – East Coast*. Presenter and breakout session facilitator. NIH/National Institute of Environmental Health Sciences. February 3, 2021; n=~120.
82. *Battling COVID-19*. Co-presenter. El Paso Hispanic Chamber of Commerce. December 1, 2020; n=892 (92 Zoom, 811 social media views).
83. COVID-19 and Worker Health Webinar Series for Dairy Producers

- Panelist, November 12, 2020
 - Panelist, November 19, 2020
 - Panelist, November 20, 2020
84. *Climate Environment, and Health Seminar Series: Ensuring Equitable Response to Climate-Related Disasters During the COVID-19 Pandemic*. Presenter. NIH/National Institute of Environmental Health Sciences. September 29, 2020; n=266.
 85. American Society of Safety Professionals, panelist, September 16, 2020, n=159.
 86. The School Superintendents Association (AASA), panelist, July 28, 2020, n=19.
 87. JASON educational (K-12) conference, panelist, online, July 7, 2020, n=134.
 88. *Preparing Colleges and Universities for Financial Consequences of COVID-19 Pandemic*. Resource panelist. Campus Safety Health Environment Management Association. June 25, 2020, n=75.
 89. *Reopen Texas the Right Way* webinar series (total n=869) in collaboration with the Houston Area Safety Council, panelist:
 - Focus on retail industry, May 20, 2020, n=140
 - Focus on restaurant industry, May 27, 2020, n=121
 - Focus on construction and manufacturing industries, June 3, 2020, n=165
 - Focus on places of worship, June 10, 2020, n=108
 - Focus on mental health and employee resilience, June 17, 2020, n=168
 - Focus on personal care establishments, June 24, 2020, n=74
 - Focus on non-hospital healthcare, July 1, 2020, n=93
 90. *COVID-19: Return to Work Best Practices and the 'New Normal'*. Presenter (online from Houston, TX). Workplace Learning System. May 12, 2020; n=27.
 91. *Construction and COVID-19: Staying Safe on the Job Site*. Panel presenter (online from Houston, TX). El Paso Hispanic Chamber of Commerce. April 16, 2020; n=92.
 92. *Training Resource and Activities of the P2R Consortium*. Presenter. Southern Biosafety Association. Dallas, TX; November 8, 2019; n=23.
 93. *Surging Waters: Science Empowering Communities in the Face of Flooding*. Presenter. American Geophysical Union. Two briefings; Telepresser with media (AM) and Capitol Hill briefing (PM). Washington DC; September 24, 2019; n=~65.
 94. Summer Health Professions Enhancement Program, “*Creating a Culture of Health*”, a 6-hour lecture series presented in 3 segments. Presenter. Houston, TX; May-June 2019; n=80.
 95. *Everyone Goes Home Safe*. Presenter. Volunteer Organizations After Disasters National Conference. Nashville, TN; May 8, 2019; n=27.
 96. Earth Day Tour of Green Roof. Instructor. UTHealth Houston School of Public Health, Houston, TX; April 18, 2019; n=62.
 97. *Communicating Toxicology*. Co-presenter. Texas A&M, College Station, TX; March 29, 2019; n=9.

98. *Effectively Communicating Health and Safety Information*. Co-presenter with S. Patlovich. Disaster Research Training Workshop, Texas A&M Superfund Research Center, College Station, TX; December 17, 2018; n=58.
99. *Risk Communication: Town Hall Tabletop Exercise*. Presenter. Disaster Research Training Workshop, Texas A&M Superfund Research Center, College Station, TX; December 1, 2018; n=13.
100. *Ethical Decision Making in Dual Loyalty Settings*. Presenter. Environmental Health and Safety Academy Light. University of Louisville, Louisville, KY; October 29, 2018; n=31.
101. *Compelling Display of Data*. Presenter. Center for Homeland Defense and Security, Radiological Emergency Preparedness Executive Education Program, Post Graduate Naval Institute. Monterey Bay, CA; October 16, 2018; n=34.
102. *Ethical Decision Making in Dual Loyalty Settings*. Presenter. Environmental Health and Safety Academy. Houston, TX; September 28, 2018; n=25.
103. Summer Health Professions Enhancement Program, “*Creating a Culture of Health*”, presented 6 of a 10-hour lecture series in 3 segments, Houston, TX, June 2018, n=80.
104. *Ethical Decision Making in Dual Loyalty Settings*. Presenter. Environmental Health and Safety Academy. Houston, TX; April 27, 2018; n=28.
105. UTSPH Public Health “*Practice Seminar Series: Learning Objectives*”. Presenter. Houston, TX. April 3, 2018; n=9.
106. *An Idea for Harmonization Courtesy of Harvey*. Presenter. National Institute of Environmental Health Sciences Worker Training Program. Research Triangle Park, NC; October 17, 2017; n=~85.
107. *Disaster Preparedness and Response Projects*. Presenter. Medicine and Public Health Collaboration. McGovern Medical School. Houston, TX; October 5, 2017; n=28.
108. *Harvey Response*. Presenter. National Institute of Environmental Health Sciences Disaster Research Response Workshop. Research Triangle Park, NC; September 19, 2017; n=81.
109. *Overview of Environmental Health and Safety Programs*. Presenter. Texas Cultural Emergency Response Alliance. Houston, TX; July 24, 2017, n=62.
110. Summer Health Professions Enhancement Program, Facilitator for Town Hall Discussion. Houston, TX; June 6, 2017; n=80.
111. *Creating a Culture of Health*. Presenter. Summer Health Professions Enhancement Program, a 10-hour lecture series presented in 5 segments; Houston, TX; May-June 2017; n=79.
112. Environmental Health and Safety Leaders Round Table Panel Discussion, EHSentials Conference, Houston, TX; April 28, 2017; n=76.
113. Career Builder Workshop: *Getting Hired*. Presenter. Houston, TX; April 4, 2017; n=47.
114. Moderator, Center for Disease Control and Prevention Regional Epidemic Intelligence Service Presentation Day. Houston, TX; March 23, 2017; n=69.
115. UTSPH Career Builder Workshop: *Preparation, Professionalism and Answering Difficult Questions*. Presenter. Austin, TX (via videoconference); February 22, 2017 (evening); n=19.

116. UTSPH Career Builder Workshop: *Hiring Overview*. Presenter. Houston, TX; February 22, 2017 (day); n=42.
117. *Assessment Methodologies*. Presenter. Greater Houston Industrial Hygiene Council. Houston, TX; December 8, 2016; n=24.
118. *Biosafety and Infectious Disease Training Initiative (BIDTI)*. Presentation co-author: Le, A.B, Rios, J., Emery, R.J., Biddinger, P.D., Patlovich, S.J., Wright, B., Beam, E., Gibbs, S.G., Lowe, J.J., Abstract 368327: A National Institute of Environmental Health Sciences (NIEHS) Worker Training Program (WTP), including Emergency Health Services. 144th American Public Health Association (APHA) Annual Meeting. Denver, CO; October 31, 2016.
119. *Resume Builder*. Presenter. UTHealth SPH Austin Regional Campus Student Association. Austin, TX; October 20, 2016; n=25.
120. Breakout Session Moderator, National Institute of Environmental Health Sciences (NIEHS) Worker Training Program 2016 Infectious Disease Workshop. Research Triangle Park, NC; September 20, 2016; n=~25.
121. *Global Health Security, Infection Prevention and Biosafety, and Educational Opportunities of Biosafety and Infection Disease Training Initiative*. Co-presenter with RJ Emery RJ and SJ Patlovich. Association for Professionals in Infection Control and Epidemiology (APIC) Houston Chapter Meeting. Katy, TX; March 17, 2016; n=48.
122. Onsite programmatic support, Environmental Health and Safety Academy for Safety Professionals in University Settings. Knoxville, TN; October 19-20, 2015; n=32.
123. *Ethical Decision Making in Dual Loyalty Settings*. Presenter. Webinar to occupational medicine physicians. Webcast originated from Houston, TX; October 7, 2015; n=18.
124. *Public Health and HAZMAT: Encouraging Collaboration*. Presenter. National Institute of Environmental Health Sciences, Worker Training Program, Fall Workshop. Research Triangle Park, NC; September 29-30, 2015; n=~110.
125. *Ethical Decision Making in Dual Loyalty Settings*. Presenter. Environmental Health and Safety Academy. Houston, TX; September 25, 2015; n=22.
126. *Ethical Decision Making in Dual Loyalty Settings*. Presenter. Houston Health Forum. Houston, TX; September 2, 2015; n=~25.
127. *Biosafety and Infectious Disease Training Initiative*. Co-presenter with S. Gibbs. National Institute of Environmental Health Sciences (NIEHS), Worker Training Program Awardee Meeting. Research Triangle Park, NC; May 28, 2015; n=~35.
128. *Ethical Decision-Making in Dual Loyalty Settings* (expanded version). Presenter. Semiconductor Environmental Safety and Health Association (SESHA) 37th Annual International High Technology Symposium. Scottsdale, Arizona; May 4, 2015; n=11.
129. *Ethical Decision-Making Tools for Enhancing Organizational Safety Culture*. Presenter. Volpentest HAMMER Federal Training Center (U.S. Department of Energy) and NIEHS Worker Trainers' Exchange. Richland, WA; March 3, 2015; n=27.
130. *An Overview of Solid Waste Regulations for Industrial Hygienists*. Presenter. Greater Houston Industrial Hygiene Association. Houston, TX; December 11, 2014; n=18.

131. *Safety Ethics and Its Relationship to Safety Culture*. Presenter. American Industrial Hygiene Association Arkansas Local Section. Little Rock, AR; December 4, 2014; n=11.
132. *The Southwest Center for Occupational and Environmental Health*. Presenter. BASF Corporate Leadership Meeting. Houston, TX; October 16, 2014; n=31.
133. *Ethical Decision Making for Safety and Industrial Hygiene*. Presenter. Texas Chemical Council. Texas City, TX; September 19, 2014; n=16.
134. *Safety Ethics and Safety Culture*. Presenter. Environmental Health and Safety Academy (40-hour intensive short course). Houston, TX; September 18, 2014; n=20.
135. *The Southwest Center for Occupational and Environmental Health*. Presenter. Nova University. Webcast originated from Houston, TX; May 6, 2014; n=21.
136. American College of Occupational and Environmental Medicine (ACOEM), Poster Presentation, “NIOSH Responds to Training Needs in U.S. Public Health Region 6”, Authors: Jeffrey Levin, Elaine Symanski, Vanessa Casanova, Janelle Rios and Sharon Cooper. San Antonio, TX, April 27, 2014.
137. *Clickers in the Classroom*. Presenter. The University of Texas Health Science Center at Houston School of Public Health, Teacher-to-Teacher Series. Houston, TX; March 28, 2014; n=8.
138. *Ethical Decision-Making Tools for Enhancing Organizational Safety Culture*. Presenter. Wake Forest University. Winston-Salem, NC; January 23, 2014; n=48.
139. *Learning Objectives for Effective Training*. Presenter. Greater Houston Industrial Hygiene Association. Houston, TX; December 12, 2013; n=25.
140. *Ethical Decision Making for Enhancing Organizational Safety*. Presenter. American Industrial Hygiene Association, National Webinar. Webcast originated from Houston, TX; August 15, 2013; n=150.
141. Texas College of Occupational and Environmental Medicine “*Ethical Decision Making in Dual Loyalty Settings*”, Presenter. San Antonio, TX; May 18, 2013; n=61.
142. *Enhancing Presentation Skills in Safety*. Presenter. The University of Texas Health Science Center at Houston Program for Safety, Health, Environment and Risk Management. Houston, TX; December 7, 2012; n=20.
143. *The Benefits of a Local ERC and Future Workforce Needs*. Co-presenter with RJ Emery. San Jacinto College. Pasadena, TX; March 1, 2012; n=27.
144. *The Benefits of a Local ERC and Future Workforce Needs*. Co-presenter with RJ Emery. Houston STEPS. Humble, TX; October 2011.

AWARDS

- Association of Schools and Programs of Public Health (ASPPH) Harrison C. Spencer Outstanding Community Service Award 2023 – Led the application team. This award recognizes the commitment of UTHealth Houston School of Public Health and the Texas Epidemic Public Health Institute (TEPHI) in prioritizing a healthy Texas population and a strong Texas economy. This award was presented to Dean Boerwinkle at the annual awards luncheon in Washington DC on March 16, 2023.

OTHER SERVICE ACTIVITIES

1. HIV and Wastewater Advisory Board Member, Center for Medical Ethics and Health Policy, Baylor College of Medicine, 2025-Present.
2. Reviewer, 2024 Harrison C. Spencer Outstanding Community Service Award, Association of Schools and Programs of Public Health (ASPPH).
3. Southwest Center for Occupational and Environmental Health (SWCOEH), Occupational Journal Club, Host, January 18, 2024, hybrid, n=~17.
4. Final Panel Judge, UTHealth Houston Healthcare Innovation Challenge 2022. Houston, TX, February 19, 2022
5. Member, NIEHS Disaster Research Response (DR2) Committee
 - i. Executive Committee, Spring 2021-April 2022
 - ii. Community Engagement Subcommittee, Fall 2018-April 2022
6. Contributor, COVID-19 Supplement to HazPrep Phase II, InXsol, July 1, 2020-June 30, 2022.
7. Member, Texas Department of State Health Services, Texas Public Health Practice Committee, Summer 2016-2021.
8. Panelist, Community Partners Session, Harris County Public Health Accreditation Site Visit, January 11, 2017.

CERTIFICATES AND MEMBERSHIPS

- Biomedical Researcher and Key Personnel Group 1
CITI Record No. 77108942, expires September 17, 2029
- Research Security Training
CITI Record No. 77120817, expires May 20, 2027
- American Public Health Association
- Texas Public Health Association