

CURRICULUM VITAE

Name: Adrienne Katner Fisher
Title: Associate Professor of Environmental and Occupational Health (with tenure)
Office Address: LSU School of Public Health, 2020 Gravier St. #318, New Orleans 70119
Place of Birth: New Orleans, LA, US
Phone: 504.568.5942
Fax: 504.568.5701
Email: Akatn1@lsuhsc.edu
Website: <https://sph.lsuhs.edu/research/programs/lead-study/>

EDUCATION

B.A.	1994	University of California- Santa Cruz (UCSC) (honors in college and major) Department of Molecular, Cellular and Developmental Biology
M.S.	1998	University of Arizona (U AZ) Department of Soil, Water & Environmental Science
Fellowship	2005-'06	National Cancer Institute (NCI) Occupational & Environmental Epidemiology Branch
D.Env.	2011	University of California- Los Angeles (UCLA) Dept. of Environmental Science & Engineering, School of Public Health

ACADEMIC, PROFESSIONAL, AND RESEARCH APPOINTMENTS

6/92 – 1/95	Research Associate University of California, Santa Cruz (UCSC) Dept. of Molecular, Cellular & Developmental Biology (Drs. William Sullivan)
3/95 – 5/96	Research Associate Louisiana State University Health Sciences Center (LSUHSC) Dept. of Microbiology, Immunology and Parasitology (Dr. Marion Friestadt)
5/96 – 6/98	Research Associate University of Arizona (UAZ) Dept. of Soil, Water & Environmental Science (Dr. Chuck Gerba)
8/98 – 11/98	Research Associate Louisiana State University Health Sciences Center (LSUHSC) Cytogenetics Clinical Diagnostics Laboratory
12/98 – 11/02	Research Associate Louisiana State University Health Sciences Center (LSUHSC) Department of Urology (Dr. William Rayford)
12/02 – 12/04	Research Associate University of California, Los Angeles (UCLA) Center for Environmental Risk Reduction (Dr. Yoram Cohen)
3/05 – 11/06	Pre-Doctoral Research Fellow National Institutes of Health (NIH), National Cancer Institute (NCI), Occupational & Environmental Epidemiology Branch (Rockville, MD) (Drs. Jim Nuckols, Mary Ward)

- 11/06 – 12/13 **Environmental Health Scientist**
Louisiana Department of Health and Hospitals, Office of Public Health, Section of Environmental Epidemiology & Toxicology, Program Manager (New Orleans, LA):
1) Seafood Advisory Program ('06- '09); 2) Sentinel Event Notification System for Occupational Risk (SENSOR) Program ('07-'09); 3) Adult Blood Lead Epidemiology & Surveillance Program (ABLES) ('07- '09); 4) Heavy Metal & Carbon Monoxide Exposure Surveillance Program ('07- '09); 5) Pesticide Surveillance Program ('07- '09); and 6) Environmental Public Health Tracking Program ('09-'13).
- 1/14 – 6/21 **Assistant Professor**
Louisiana State University Health Sciences Center, School of Public Health
Environmental and Occupational Health Sciences Program (New Orleans, LA).
Research Track (2014-2019); Tenure Track (2019-2021)
- 7/21 – Present **Associate Professor (with Tenure)**
Louisiana State University Health Sciences Center, School of Public Health
- 9/22 – Present **Director**, Environmental and Occupational Health Sciences Program
Louisiana State University Health Sciences Center, School of Public Health

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

American Society for Microbiology, member	1994 - 1998
Air and Waste Management Association, member	1995 - 1998
Society for Risk Analysis, member	2000 - 2006
National Birth Defects Prevention Network, member	2009 - 2013
Council of State and Territorial Epidemiologists, member	2009 - 2013
National Association of Environmental Professionals, member	2014 - 2016
National Safe and Healthy Housing Coalition, member	2014 - 2016
Louisiana Environmental Health Association, member	2015 - 2019
National Environmental Health Association, member	2016 - 2020
American Public Health Association, member	2014 - 2021
Society of Toxicology, nominated member	2016 - Present
American Chemical Society, member	2017 - Present
Delta Omega Honorary Society in Public Health, elected member	2017 - Present
International Society for Environmental Epidemiology, member	2021 - Present

AWARDS AND HONORS

ARCS Scholarship	Achievement Reward for College Scientists	1993
Howard Hughes Research Award	Howard Hughes Research Foundation	1993
USCS Honors in College	University of California, Santa Cruz (UCSC)	1994
USCS Honors in Major	University of California, Santa Cruz (UCSC)	1994
Best Talk	5 th Annual North. AZ U Environ. Studies Conf.	1997
CAGNO Research Award	Cancer Association of Greater New Orleans	2000
Chancellor's Fellowship	University of California, Los Angeles (UCLA)	2002 -2006
PHSA Scholarship	Public Health Student Assn. (PHSA), UCLA	2004
Hewlett Foundation Scholarship	William and Flora Hewlett Foundation (UCLA)	2004
National Cancer Inst. Fellowship	Cancer Research Training Award Fellowship	2005 - 2006
Dissertation Fellowship	University of California, Los Angeles (UCLA)	2006 - 2007

Best Paper	Best paper in field since publication for Katner (2011) <i>Environ. Res.</i> 11(8):1036-45	2012
Employee Recognition	LA Dept. of Health, Office of Public Health	2012
Environmental Justice Award	Katrina Heroes Award 10 Year Commemoration, A Community Voice	2015
Service Award	LA Office of Public Health, Healthy Homes & Childhood Lead Poisoning Prevention	2015
Certificate of Appreciation	Patrick F. Taylor Academy for student mentorship	2015
Community Angel Award	A Community Voice	2017
Allen A. Copping Award	Excellence in Teaching LA State University Health Sciences Center	2017
Delta Omega Honorary Society	Inducted into Delta Omega Public Health Honorary Society, Alpha Psi Chapter	2017
Top Paper	Top 5 “High Impact” papers from 2015- ‘16 for Katner et al. (‘16) <i>J Environ. Justice</i> 9(4):109-117	2017
Community Hero Award	Southern United Neighborhoods	2019
Paper Distinction	Selected for Open Access based on “broad-scale importance to the water community and its potential interest to researchers in the developing world” for Pieper et al. (‘19) <i>J Water and Health</i> 17(4):540-555	2019
Paper Distinction	Selected for Feature article in National Environmental Health Association’s <i>J Environmental Health</i> for Katner et al (‘20) <i>JEH</i> 83(2):16-24.	2020
Traineeship	Selected by AAAS SciLine Program, “Communicating and Covering the Evidence” boot camp for scientists and journalists, Baltimore, MD (Mar 19-21, 2020) (postponed due to COVID-19 pandemic)	2020
Fellowship	Early Career Research Fellowship in Human Health and Community Resilience, Gulf Research Program, National Academies of Sciences, Engineering & Medicine	2021-2023

TEACHING EXPERIENCE AND RESPONSIBILITIES

Curriculum Development and Teaching

Course Director or Co-Director

- **Environmental Policy** (Graduate Course Director, LSUHSC-Public Health) (1/2015-Present), 3-cr public health curriculum; Spring (45 hrs/yr); 5-10 students/yr; Avg Instructor Effectiveness: 5.0/5.0
- **Occupational Health** (Graduate Course Director, LSUHSC-Public Health) (8/2014-Preset), 3-cr public health curriculum; Fall (45 hrs/yr); 10-15 students/yr; Avg Instructor Effectiveness: 4.9/5.
- **Environmental Justice** (Undergraduate Course Director, LSUHSC-Public Health)(8/2022-Present), 3-cr public health curriculum; Fall (45 hrs/yr)
- **Independent Study: Introduction to GIS** (Graduate Course Director, LSUHSC-Public Health) (8/2014-Preset), 1-3-cr graduate public health curriculum; Fall-Spring (45 hrs/yr); 1-5 students/yr

- **Bioremediation** (Continuing Education Course Director, ECOLE- Emerging Technologies in Occupational and Environmental Health) (12/2018-Present), Online lecture developed for NIEHS Workforce Training and Continuing Education (CE) Program.
- **Biology Laboratory I** (Undergraduate Course Director, Delgado College- Biology Dept.) (9/2012-12/2013), 3 cr lecture and lab; Fall, Summer, Spring (135 hrs/yr); 45-75 students/yr; Avg. Instructor Grade: A

Course Lecturer

- Environmental Justice, LSUHSC School of Public Health, New Orleans, LA (2022+)
- Principles of Environmental Health, LSUHSC School of Public Health, New Orleans, LA (2014+)
- Biological Basis of Public Health, LSUHSC School of Public Health, New Orleans, LA (2019+)
- Environmental Science, LSUHSC-Public Health, New Orleans, LA (2022+)
- Environmental Signaling in Medicine, Tulane Univ, Pharmacology. New Orleans, LA (2015+)
- Population-Focused Nursing Theory, LSUHSC Nursing. New Orleans, LA (2016+)
- Medical Toxicology, LSUHSC Public Health. New Orleans, LA (2017+)
- Determinants of Global Public Health, LSUHSC Public Health. New Orleans, LA (2016+)
- Epidemiology for Public Health Practice, LSUHSC Public Health. New Orleans, LA (2015+)
- Foundation and Ethics in Public Health, LSUHSC Public Health. New Orleans, LA (2016+)
- Health Policy and Law, LSUHSC Public Health. New Orleans, LA (2015+)
- Health Risk Assessment and Management, LSUHSC Public Health. New Orleans, LA (2014+)
- Biological Basis of Health, LSUHSC Public Health. New Orleans, LA (2019+)

Courses Being Planned

- Environmental Laboratory (graduate; planned start date: Fall 2022)

Creation of Enduring Teaching Materials

- Environmental Justice (LSUHSC) Curriculum notes, slides, assignments, syllabus
- Environmental Policy (LSUHSC) Curriculum notes, slides, assignments, syllabus
- Occupational Health (LSUHSC) Curriculum notes, slides, assignments, syllabus
- Environmental Science (LSUHSC) Curriculum notes, slides, assignments, syllabus
- Bioremediation (ECOLE, LSUHSC) Curriculum notes, slides
- Team Up Interprofessional Education Experience: Developmental Delays (LSUHSC Team Up Interprofessional Educational (IPE) Program) Assisted developing case study materials
- Interdisciplinary Project-Based Introduction to Environmental Public Health (Developed curricula for elementary and high school for EPA (lesson plans, notes, slides, experiments) [LINK](#))
- Biology Laboratory I (Delgado College) Curriculum notes, slides, assignments, syllabus

Departmental / Interdisciplinary Teaching Conferences

Grand Rounds

- Lead Poisoning Diagnosis and Case Management. LSU Health Sciences Center School of Medicine, Children's Hospital Dept. of Pediatrics Grand Rounds. New Orleans, LA. 2015-2016

Graduate Department Seminar

- Introduction to Polymerase Chain Reaction: Testing Conditions. U of AZ, Soil, Water & Environ. Sci. Program Graduate Seminar. Tucson, AZ. 4/23/1997
- Louisiana's Environmental Public Health Tracking Surveillance. Tulane U. School of Public Health Graduate Seminar. New Orleans, LA. 4/21/2012
- Lead in Water: Implications for Public Health, National Policies, and Prevailing Lead Poisoning Prevention Guidelines. LSU Health Sciences Center School of Public Health Seminar. New Orleans, LA. 4/26/2016

- Drinking Water Infrastructure Inequality: System Corrosion and Lead-Pathogen Nexus, LSUHSC Epidemiology Seminar. New Orleans, LA. 9/20/2017

Teaching Award

Dr. Allen A. Copping Award for Excellence in Teaching, LSUHSC School of Public Health 2017

Students Trained

Doctoral Committee

- *Rebecca Kriss* (PhD), Dissertation: "Field and Laboratory Evaluation of Water Test Kits Under Variable Water Conditions" (Environmental Engineering Dept., VA Tech, 2017-2021)
- *Jeannie Purchase* (PhD), Dissertation: "Practical Application of NSF/ANSI 53 Lead Certified Filters Used During Water Lead Crises: Investigating Lead Removal, Clogging and Consumer Experience" (Environmental Engineering Dept., VA Tech, 2016-2021)
- *Tingting Li* (PhD), Dissertation: "Environmental Factors Contributing to Colorectal Cancer In Louisiana: (Epidemiology Program, LSUHSC, 2021+)

Masters Committee

- *Rusty Rouillier* (MS), Masters Thesis: "Understanding Practical Limitations of Lead Certified Point-of-Use (POU) Filters" (Environmental Engineering Department, VA Tech, 2018-2020)

Masters Graduate Research Project Advisor

- *Chanel Mouring* (MPH), Culminating: Policy Gaps in Childhood Lead Poisoning (LSU, 2015)
- *Philip Ross Tilson* (MPH), Culminating: Heat-Related Trends and Patterns in Louisiana (LSU, 2015)
- *Caroline Stallard* (MD/MPH), Practicum: Environment and Health in I-10 Corridor (LSU, 2018)
- *Ian Walsh* (MPH), Practicum: Spatial Trends in Highway Emissions and Health Conditions (LSU, 2018)
- *Erin LeCompte* (MPH), Practicum: Noise and Chemical Emissions along an Interstate (LSU, 2018)
- *Bridgette Bienville* (LSUHSC, MPH, Adult Blood Lead Poisoning, 2013)
- *Panita Charoensuk* (Tulane, MSPH, Cadmium Exposure Surveillance, 2013)
- *Yetzia Bakle Aponte* (LSUHSC, MPH, Heat Stress Surveillance, 2012)
- *Adrienne Woods* (LSUHSC, MPH, Arsenic in Well Water, 2012)
- *Katherine Peak* (LSUHSC, MPH, Carbon Monoxide Poisoning, 2011)
- *Bukunmi Olubiyi* (Tulane, MPH, Arsenic Biomonitoring, 2010)
- *Keith Peres* (LSUHSC, MPH, Metal Fume Fever Disease, 2009)
- *Bryan Vidrine* (LSUHSC, MPH, Fish Mercury Advisories, 2009)
- *Alexandra Marie Kelly* (Tulane, MPH, Heavy Metal Surveillance, 2008)
- *Mallory McCormick* (Tulane, MSPH, Fish Mercury Levels, 2007)
- *Yordanka Koleva* (Tulane, MPH, Occupational Health Surveillance, 2008)

Internship Mentor

Student Organization for the Advancement of Research (SOAR) Project:

- *Erin LeCompte* (MPH), Review of Technologies for Bioremediation (LSUHSC, 2017-2018)

LSUHSC Summer Youth Research Initiative Internship Program:

- *Joye Qian Pate*, Integrated Uptake Biokinetic Modeling of Blood Lead. (6/2015-8/2015). **3rd place**
- *Lizzie Huval*, Mount Carmel High, Mapping Risk Factors. (6/2016-8/2016). **2nd Place**
- *Joshua Quintana*, Loyola Univ. Effectiveness of Interventions for Lead. (6/2017-8/2017). **2nd Place**

Newcomb Summer Internship Program:

- *Cory Cole*, Lead Monitoring Guidelines for Pregnant Women, (6/2015-8/2015; 6/2016-8/2016)

- *Hallie Yee*. Review Medical Monitoring Guidelines for Lead, (6/2016-8/2016)

Assoc. of Occupational and Environmental Clinics (AOEC) Occupational Health Internship Prog. (OHIP):

- *Michelle Hathaway*, Occupational Conditions: Seafood Processing Guest Workers, 6/2016-6/2016
- *Mayra Vasquez-Garcia*, Occupational Conditions: Seafood Processing Guest Workers, 6/2016-6/2016
- *Nathan Yoguez*, Workplace Discrimination Faced by Female Seafood Guest Workers, 6-8/2017
- *Carolina Morales*, Workplace Discrimination Faced by Female Seafood Guest Workers, 6-8/2017

Albert Jr. and Tina Small City Center Summer Design Fellowship:

- *John Ludlam*, Project: Development and Validation of Outreach Materials for Lead, (6/2016-8/2016)
- *Pavlo Iosipiv*. Project: Development and Validation of Outreach Materials for Lead, (6/2016-8/2016)

Students Financially Supported by Grants (14)

- *Komal Brown* (Post-MPH), Water Lead Levels and Resident Needs (LSUHSC. BOR RCS Grant, 2016-2018); **Awarded full scholarship** at Tulane University School of Public Health Doctoral Program
- *Lauren O'Rear* (MPH), Flood-Impacted Well Water Quality (LSUHSC. BOR RCS and NSF Grant);
- *Halley Capello* (MPH), Assessment of an Inter-disciplinary Project-Based Environmental Public Health Curriculum to Empower Youth (LSUHSC, EPA Environmental Education Grant, 2016-2018);
- *Matthew Spence* (MPH), Inter-disciplinary Project-Based Environmental Public Health Curriculum to Empower Youth to Serve Communities (LSUHSC, EPA Environmental Education Grant, 2016-2017);
- *Chanel Perry* (MPH), Assessment of an Inter-disciplinary Project-Based Environmental Public Health Curriculum to Empower Youth (LSUHSC, EPA Environmental Education Grant, 2016);
- *Ngoc Hoang* (MPH) Assessment of an Inter-disciplinary Project-Based Environmental Public Health Curriculum to Empower Youth (LSUHSC, EPA Environmental Education Grant, 2016);
- *Hasheemah Afaneh* (MPH), Assessment of an Inter-disciplinary Project-Based Environmental Public Health Curriculum to Empower Youth (LSUHSC, EPA Environmental Education Grant, 2016);
- *Susan Rahey* (MPH), Assessment of an Inter-disciplinary Project-Based Environmental Public Health Curriculum to Empower Youth (LSUHSC, EPA Environmental Education Grant, 2016);
- *Xinnan Wang* (PhD), Evaluation of Intervention for Water Lead (LSUHSC, SPH Grant, 2016-2018);
- *Yasmin Davis* (MPH), Inter-disciplinary Project-Based Environmental Public Health Curriculum to Empower Youth to Serve Communities (LSUHSC, EPA Environmental Education Grant, 2018);
- *Quanita Kendrick* (MPH), Inter-disciplinary Project-Based Environmental Public Health Curriculum to Empower Youth to Serve Communities (LSUHSC, EPA Environmental Education Grant, 2017-2018);
- *Leslie Saucier* (MPH), Private Well Water Quality and Well Owner Needs After the 2016 Great Louisiana Flood (LSUHSC, NSF RAPID Emergency Response Research Grant 2017-2019);
- *Aubrey Gilliland* (MPH), Research Projects: Field Test of Certified Water Filters and Environmental Education Projects (HUD and EPA Grants, 2018-2019), **Awarded CDC Infectious Disease Fellowship**
- *Victoria Peluso* (MPH), Research Projects: Field Test of Certified Water Filters and Environmental Education and Empowerment Projects (HUD and EPA Grants, 2018-2021).
- *Olivia Whitcomb* (MPH), Research Projects: Field Test of Certified Water Filters and Environmental Education and Empowerment Projects (HUD and EPA Grants, 2021).
- *Corisandra Layton-High* (MPH), Research Project: Field Test of Certified Water Filters and Environmental Education and Empowerment Projects (HUD and EPA Grants, 2022-2023).

RESEARCH AND SCHOLARSHIP

Grants

Current Funding

U.S. Environmental Protection Agency (EPA), 83937501 (7/2018-2/2022)

\$2,476,875

Transdisciplinary Research into Detecting and Controlling Lead in Water

Build internet-based risk model, and web-based data warehouse and visualization platform to assist communities in evaluating and addressing lead in water hazards.

Role: Co- Principal Investigator (25%)

U.S. Housing and Urban Development (HUD), VAHHU0036-17 (10/2017-6/2021)

\$606,225

Identification of Factors Impacting Efficacy and Adoption of Point of Use Filters

Examination of POU lead removal efficiencies when exposed to varying concentrations of soluble and particulate lead and iron, identification of challenges and barriers to POU use, and pre-and post-intervention awareness/perceptions.

Role: Co- Principal Investigator (6-13%)

Louisiana Cancer Prevention and Control (Contract WO#36)(07/2020-06/2021)

\$75,000

Cancer Surveillance Study in St. John Parish (CRISP) Study

Support for biomonitoring and air monitoring feasibility study in support of CRISP

Role: Principal Investigator (2%)

National Science Foundation (NSF), 1840607 (9/2018-12/2021)

\$100,000

Planning for Hurricane Urban Planning Hazards (HUPHR) Engineering Research Center

Planning grant for proposed Engineering Research Center (ERC) to address challenge of chemical and biological hazards of hurricanes and severe storms from coast to inland.

Role: Co-Principal Investigator (<1%)

National Aeronautics and Space Administration (NASA), EPSCoR, 20-2020EPSCoR-0016 (10/2020-9/2023)

\$750,000

Satellite-Assisted Forecasting Environment for Improving Oyster Safety (SAFE Oyster)

Develop a NASA SatelliteAssisted Forecasting Environment, SAFE Oyster (an automated decision support system), for monitoring environmental indicators of potential oyster safety threats and mapping and managing oyster safety risk levels in Louisiana.

Role: Investigator (4%)

National Academies of Sciences (NAS), Gulf Fellowship 200001347 (9/21-10/23)

\$76,000

Early Career Research Fellowship- Human Health and Community Resilience

To recognize past performance of early-career scientists, engineers, and health professionals with superior scholarship promise working on environmental and human health issues in the Gulf region. Facilitates researchers' academic, intellectual, and professional development.

Role: Principal Investigator (2%)

National Science Foundation (NSF), 212526 (10/1/21-9/30/24)

\$249,191

Smart and Connected Communities (SCC): Toxic free footprints to improve community health

Develop a sensor network that provides shared air quality data; a real-time AI to assess and forecast air pollution exposure and support multiple-level decision-making; and a social-network-based community intervention strategy co-designed by, tailored for, and implemented with communities.

Role: Co-Principal Investigator (15%)

Louisiana State University School of Public Health (7/1/2022+)

Center for Data Analytics

Advise Center clients on topics such as exposure assessment, environmental monitoring, fate-transport modeling, air dispersion modeling, biokinetic modeling, environmental data mining, cancer and noncancer risk assessment, health assessment, and environmental mapping.

Role: Consultant (5%)

Environmental Protection Agency (EPA), (1/1/2023-12/31/2024) **\$498,480**

Claiborne Reborn: "In-powering" Treme through a Multi-Generational Campaign of Citizen Science, Cultural Preservation, and Deliberative Community Engagement to Redress Inequities

Develop framework to facilitate sustainable community-led air monitoring campaigns, intergenerational learning and deliberative community engagement to enable informed decision-making, and foster political collective action on fate of Claiborne Expressway, by a New Orleans neighborhood.

Role: Principal Investigator (15%)

LSU Provost's Fund for Big Idea Research Planning Grant (LSU), (1/1/2023-12/31/2023) **\$75,000**

Transforming Decision-Making for Building Energy Efficiency Improvement Using Data-Driven Approaches

Integrate data-driven approaches with building science and engineering to transform building energy retrofit decision-making. Aims: 1) identify data granularity required for data-driven energy prediction in buildings; and 2) develop model to determine energy efficiency for a given building to facilitate energy-retrofit decision-making.

Role: Co-Principal Investigator (<1%)

Past Funding

National Institute of Environmental Health Sciences (NIEHS) R-25 ES027083-01, (1/17-12/20) **\$399,300**

Inter-professional Approach to Developing a Diverse Workforce Ready to Address Emerging Technologies in Occupational Health and Safety: Enhance training in emerging technologies in occupational health and safety via inter-professional instruction, and online workshops.

Role: Investigator (2%)

National Science Foundation (NSF), 1855567 (11/2018-10/2020) **\$199,618**

RAPID: Impact of Hurricane Florence on Well Quality in Communities Surrounding Coal Ash Impoundments in North Carolina: Aims to: 1) characterize well water heavy metal and bacterial contamination in counties with flood-impacted coal ash impoundments; 2) examine well users' risk perceptions, behaviors, and resource needs; and 3) identify risk factors which increase the likelihood of contamination.

Role: Co-Principal Investigator (1%)

Spring Point Partners, 451517-19C51 (7/2018-12/2020) **\$32,644**

Identification of Factors Impacting Efficacy and Adoption of Low-Cost Point of Use Filters: Partial funding to support full-time worker to assist with grant projects (2 years)

Role: Principal Investigator (<1%)

NIH and Louisiana Clinical and Translational Science Center (LA CaTS), (5/2018-9/2019) **\$4000**

Community-Based Participatory Research Project to Reduce Childhood Lead Exposure in New Orleans' Low-Income Neighborhoods: Funds community group involvement to increase study recruitment of high-risk low-income families into Lead Exposure Assessment study.

Role: Principal Investigator (<1%)

National Science Foundation (NSF), 1760296, (10/2017-9/2019) **\$199,879**

RAPID: Potable Water Hazards and Resource Needs in Private Well Communities

Impacted by Extreme Flooding Events Track post-flood well water conditions after Hurricane Harvey and Irma (TX and FL) to measure natural attenuation, evaluate prevailing shock chlorination protocols, and identify information and resource gaps faced by residents.

Role: Co- Principal Investigator (1%)

National Science Foundation (NSF), 1661496, (11/2016-10/2017) **\$150,919**

RAPID: Recovery of Well Water Quality After the Great Louisiana 2016 Flood

Track post-flood well water conditions to measure natural attenuation, evaluate shock chlorination protocols, and identify needs of residents and responders.

Role: Co- Principal Investigator (1%)

U.S. Environmental Protection Agency (EPA) 01F26201, (1/2017-9/2019) **\$121,483**

Enabling Students to Educate and Empower Communities to Make Informed Decisions to

Reduce Lead Exposures from Drinking Water Provide students with STEM knowledge and inter-disciplinary skills to select solutions to protect health from exposures to contaminants.

Role: Principal Investigator (4%)

LA State University Health Sciences Center School of Public Health, (8/2016-7/2017) **\$25,000**

Assessment of Water Lead Levels in New Orleans Drinking Water Using Improved Monitoring Methods, and Critical Evaluation of Current Regulatory Compliance Testing Protocols and Prevailing Exposure Reduction Recommendations. Funded LSUHSC doctoral biostatistics student to analyze data for New Orleans' Lead Exposure Assessment for Drinking Water Study.

Role: Principal Investigator (<1%)

LA CaTS Community Scholars Program, (4/2016-5/2019) **\$10,000**

Community-Based Participatory Research (CBPR) Project to Reduce Childhood Lead Exposure in New Orleans' Low-Income Neighborhoods

Role: Principal Investigator (<1%)

U.S. Environmental Protection Agency (EPA), EPA-G2015-ORD-C1 (1/2016-1/2019) **\$596,104**

LSU-LSU Health Sciences Center Partnership for Undergraduate, Graduate, and Postdoctoral Mentored, Environmental Health Sciences Research Opportunities

Role: Co-Investigator (5%)

Louisiana Board of Regents (LBOR), LEQSF (2015-18)-RD-A-1, (6/2015-5/2019) **\$110,502**

Quantification of Drinking Water Lead: Refined Sampling and Analysis Procedures

Innovative tap water sampling and analysis methods will be compared to standard EPA methods; and used to conduct a more accurate assessment of lead levels in New Orleans drinking water, and evaluate simple exposure prevention strategies.

Role: Principal Investigator (15%)

NSF and Louisiana Board of Regents, LEQSF-EPS(2015)-PFUND-406, (11/2014-10/2015) **\$10,000**

Quantification of Pb in New Orleans Drinking Water Using Innovative Sampling and Detection

Methods with Improved Lead Recovery. Quantify lead levels in tap water using innovative methods Revealed inconsistencies in common exposure reduction practices; inadequacies in utility compliance testing protocols; and gaps in policies which may thwart lead poisoning prevention.

Role: Principal Investigator (4%)

NIH, National Center for Environmental Health, U38 EH000621-01, (9/2009-8/2014) **\$3.4 million**

Building the Louisiana Environmental Public Health Tracking Network

Developed statewide environmental and public health surveillance network

(LA Office of Public Health website) to prioritize areas for monitoring, surveillance and outreach.

Role: Principal Investigator (100%)

National Institutes of Health, National Cancer Institute, (3/2004-11/2006) **\$45,000**

Dioxin Exposure Assessment for National Non-Hodgkin Lymphoma Case-Control Study

Assessment to investigate associations between NHL and industrial dioxin

Role: Principal Investigator (100%)

US Agency for Toxic Substances and Disease Registry (ATSDR), (9/2002-8/2006) **\$100,000**

Exposure Assessment for Communities Surrounding Santa Susana Field Lab

Exposure assessment for communities surrounding nuclear energy testing facility. Resulted in ATSDR report to derive clean-up levels; contributed to passage of CA bill to ensure cleanup of and designation of site as state park; & used in legal proceedings to modify offsite monitoring.

Role: Graduate Research Assistant (50%)

Cancer Association of Greater New Orleans (CAGNO), (9/2000-8/2001) **\$5000**

Development of Recombinant Adenovirus to Arrest Human Renal & Prostate Carcinoma Cells

Tested vector engineered to express p27, & established gene therapy vector which triggered cell cycle arrest and apoptosis in human renal and prostate cancer cells.

Role: Research Grant Awardee (5%)

National Cancer Institute (NCI), 199CA98-027, (9/1998-8/2002) **\$239,000**

Cultivation of an African-American Prostate Cancer Cell Line

Investigation of line advanced understanding of processes associated with cancer progression.

Role: Research Assistant (100%)

American Water Works Association Research Foundation (AWWARF), (8/1996-8/1998) **\$1.9 million**

Investigation of Soil Aquifer Treatment (SAT) for Sustainable Water Reuse

Assessed microbiological quality of groundwater at recharge sites; and optimized molecular methods for detection of pathogenic viruses in groundwater. Resulted in cheaper, more sensitive detection methods to evaluate SAT; and update US EPA's "Guidelines for Water Reuse"

Role: Graduate Research Assistant (50%)

Public Health Service (PHS), AI35104, (9/1994-8/1996) **\$65,000**

Identification of Host Cell Surface Receptor for Human T-Cell Lymphotropic Virus-I

Identify host cell receptors for HTLV-I. Identified candidate receptors which were investigated further for the design of drugs to inhibit virus-receptor interactions.

Role: Research Assistant (50%)

Howard Hughes Research Foundation, (6/1993-8/1993) **\$3000**

Classical Genetic Analyses to Identify Homeobox Genes in Drosophila melanogaster

Identify homeobox genes for furrow ingression during cytokinesis in *Drosophila melanogaster* to study cytokinesis coordination with chromosome segregation.

Role: Summer Research Internship Awardee (UC Santa Cruz) (25%)

Non-Funded Grants (since LSU hire 2014)

National Institute of Minority Health Disparities (NIMHD), Co-I, P-50 Center Grant, \$6,895,040
Disproportionate Environmental Exposome Problems in the South (DEEP South Center of Excellence)
(2020) (**Impact Score=47**)

Water Resources Foundation (WRF), Co-PI, \$200,000 **(One of two proposals invited for presentation)**
Evaluating Efficacy of NSF 53 POU Lead Filters in Community Water Systems (2017)

Louisiana Clinical and Translational Science Center, PI, \$150,000 **(Invited for full application)**
Design/Evaluation of Culturally-Appropriate Intervention to Reduce Water Lead Exposures (2015)

U.S. Department of Housing and Urban Development, PI, \$441,764 **(1 of 5 in final round)**
Quantification of Drinking Water Lead and Design of Culturally-Appropriate Interventions to Reduce Pb Exposure (2014)

Pending Funding

U.S. Department of Transportation (DOT), co-PI, \$2,00,000
Claiborne Avenue Alliance Design Studio: Reconnecting Communities Pilot Program, Planning Grant (Under Review)

Total Funding as PI or co-PI since LSU hire (2014): \$4,721,900

ACADEMIC METRICS AND ALTMETRICS

(as of 10/11/2021)

Publication Record: 36 peer-reviewed journal publications (26 first or last author) and 4 book chapters [ORCID=<https://orcid.org/0000-0003-3266-0575>]

Google Scholar: Citations=502; h-index=12; i10-index=13; g-index=20 [articles (n) with n*2 citations]

Research Gate (RG): Citations=384; h-index=11; 4,797 reads; 14 recommendations; Total Research Interest=238 (> than 75% of researchers, 74% of public health researchers and 73% of environmental scientists on Research Gate) [Total Research Interest=sum of interest in research publications based on citations, reads and recommendations].

Web of Science: Citations=220; h-index=9; 21 publications [Web of Science ResearcherID: I-6162-2015]

Scopus: Citations=294; h-index=10 [Scopus Author ID=6506556903]

PUBLICATIONS

Journal Publications (Refereed)

(advisees and community partners are underlined)

1. **Katner A**, Gootam P, Gnarra J, Rayford W. 2002. A recombinant adenovirus expressing p27^{Kip1} induces cell cycle arrest/apoptosis in human 7860 renal carcinoma cells. *Journal of Urology* 168 (2):766-773. ISSN 0022-5347, DOI: 10.1016/S0022-5347(05)64742-8. [LINK](#)
2. **Katner A**, Hoang Q, Gnarra J, Rayford W. 2002. Induction of cell cycle arrest / apoptosis in human prostate carcinoma cells by a recombinant adenovirus expressing p27^{Kip}. *Prostate* 53 (1):77-87, ISSN 0270-4137, DOI: 10.1002/pros.10124 [LINK](#)
3. Koochekpour S, Maresh G, **Katner A**, Johnson K, Lee T, Hebert F, Kao Y, Skinner J, Rayford W. 2004. Establishment and characterization of a primary androgen-responsive African-American prostate cancer cell line, E006AA. *Prostate* 60 (2): 141-152. ISSN 0270-4137, DOI: 10.1002/pros.20053 [LINK](#)
4. Blanchard K, Proverbs-Singh T, **Katner A**, Lifsey D, Pollard S, Rayford W. 2005. Knowledge, attitudes and beliefs of women about the importance of prostate cancer screening. *Journal of*

the National Medical Association 97(10) 1379-1385. PMID: 16353659 [LINK](#)

5. Locklin C, Lackovic M, **Katner A**, Soileau S, Dugas D. 2007. Adult Blood Lead Testing in Louisiana. *Louisiana Morbidity Report*, 19(4)1-3.
6. McCormick M, **Katner A**, Soileau S, Locklin C, Badakhsh R, Lackovic M, Palermo C, White L, Dugas D. 2008. Blood Hg Levels, LA, 2007. *Louisiana Morbidity Report*, 19 (6): 1-6.
7. **Katner A**, Soileau S, Dugas D, Ratard R. 2008. Mercury Levels in Seafood: Caught vs. Bought- Louisiana, 2007. *Louisiana Morbidity Report*, 19 (1): 2-3.
8. [Ahsan SA](#), Lackovic M, **Katner A**, Palermo C. 2009. Metal fume fever: review of the literature and cases reported to the Louisiana Poison Control Center. *Journal of the Louisiana State Medical Society* 161(6): 348-351.[LINK](#)
9. **Katner A**, Sun MH, Suffet M. 2010. An evaluation of mercury levels in Louisiana fish: Trends and public health issues. *Science of the Total Environment* 408:5707-5714. ISSN 0048-9697, DOI: 10.1016/j.scitotenv.2010.08.021 [LINK](#)
10. **Katner A**, Ogunyinka E, Sun MH, Lavigne L, Suffet M. 2011. Fishing, fish consumption and advisory awareness among Louisiana's recreational fishers. *Environmental Research* 111(8):1037-1045. ISSN 0013-9351, DOI: 10.1016/j.envres.2011.08.001 [LINK](#) **Best paper in field since publication for Katner (2011)**
11. **Katner A**, Peak K, Sun MH, Badakhsh R, Woods A. 2012. Emergency department visits for carbon monoxide poisoning in Louisiana. *Journal of the Louisiana State Medical Society* 164(6): 306-310. PMID:23431671 [LINK](#)
12. **Katner A**, Clarke C, Williams E. 2012. Blood Lead Surveillance in Children and Adults- Louisiana, *Louisiana Morbidity Report*, Jan-Feb., 24(1):4-6.
13. **Katner A**, Sun MH, Suffet M. 2013. A methylmercury risk screening assessment to identify fish species and populations of potential concern. *Public Health Frontier* 2(3): 156-165. [LINK](#)
14. **Katner A**. 2015. Prioritization of Louisiana parishes based on industrial releases of known or suspected carcinogens. *Journal of the Louisiana State Medical Society* 167(3): 122-128. PMID:27159456.
15. **Katner A**, [Lackovic M](#), Strevia K, Paul V, Trachtman C. 2015. Evaluation of available data sources to prioritize parishes for arsenic monitoring and outreach related to private well water. *Journal of Public Health Management and Practice*, 21(2): S93-S101. ISSN 1078-4659, PMID:25621453 doi:10.1097/PHH.000000000000177, [LINK](#)
16. **Katner A**, Pieper K, [Lambrinidou Y](#), Edwards M, [Brown K](#), Hu C, Mielke H. 2016. Weaknesses in drinking water regulations and public health policies that may impede lead poisoning prevention and environmental justice. *Journal of Environmental Justice*, 9(4):109-117. [LINK](#) Top 5 "high-impact" paper for 2016-'17, JEJ.

17. **Katner A**, Brown K, Hu C, Diaz J. 2016. Legacy of lead water lines: hazard assessment, exposure modeling and implications to public health, policy and outreach. *The Toxicologist, Supplement to Toxicological Sciences*, 150(1): 466.
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19. **Katner A**, Pieper K, Brown K, Parks J, Hu C, Lin H, Wang X, Edwards M. 2017. Evaluation of waterborne lead in New Orleans, LA: Policy implications for monitoring and exposure reduction. *Annals of Epidemiology* 27(8):513. DOI: 10.1016/j.annepidem.2017.07.054.
20. **Katner A**, Pieper K, Lambrinidou Y, Brown K, Subra W, Edwards M. 2017. Drinking water infrastructure inequality: New insight into system corrosion and the lead-pathogen nexus. *Journal of the American Chemical Society*, 254, ISSN 0065-7727.
21. **Katner A**, Pieper K, Parks J, Brown K, Hu C, Lin H, Wang X, Diaz J, Edwards, M. 2017. Evaluation of prevailing flush guidelines to reduce water lead exposures: Implications for regulations and public health outreach. *Journal of the American Chemical Society*, 253, ISSN 0065-7727.
22. **Katner A**, Pieper K, Edwards M. 2018. Iron as an indicator of water system corrosion and compromised disinfection: Argument for regulating iron and small system corrosion control. *Journal of the American Chemical Society*, 255, ISSN 0065-7727.
23. **Katner A**, Pieper K, Dai D, Rhoads W, Straif-Bourgeois S, Pruden A, Edwards M. 2018. Challenges faced by private well owners in the aftermath of the 2016 Louisiana floods. *Journal of the American Chemical Society*, 256, ISSN 0065-7727.
24. Parks J, Pieper K, **Katner A**, Tang M, Edwards M. 2018. Potential challenges to meeting the American Academy of Pediatrics' lead in school drinking water goal of 1 µg/L. *Corrosion* 74(8):914-917. ISSN 0010-9312, DOI: 10.5006/2770. [LINK](#)
25. **Katner A**, Pieper K, Brown K, Lin H, Parks J, Wang X, Hu C, Masters S, Mielke H, Edwards M. 2018. Effectiveness of prevailing flush guidelines to prevent exposure to lead in water. *International Journal of Environmental Research and Public Health*. 15(7):1537-1559. DOI: 10.3390/ijerph15071537. [LINK](#)
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27. Pieper K, **Katner A**, Kriss R, Tang M, Edwards M. 2019. Understanding lead in water and avoidance strategies: A United States perspective for informed decision-making. *Journal of Water and Health* 17(4):540-555. ISSN 1477-8920, DOI: 10.2166/wh.2019.272 [LINK](#) **Selected by IWA Publishing for Knowledge Unlatched Open Access “based on its broad-scale importance to the water community and its potential interest to researchers in the developing world”.** [LINK](#)
Cited in World Health Organization's “Lead in drinking water: Technical brief at: [LINK](#)

28. Pieper KJ, Rhoads WJ, Saucier L, **Katner A**, Barrett JR, Edwards M. 2020. Improving state-level emergency well disinfection strategies in the United States, *Science of the Total Environment*. Vol 720, 137451-137459. ISSN 0048-9697, DOI: 10.1016/j.scitotenv.2020. [LINK](#)
29. Gilliland A, Pieper K, Straif-Bourgeois S, Rhoads W, Dai D, Edwards M, Brisolar K, Olexia D, **Katner A**. 2020. Evaluation of preparedness and recovery needs of private well users after the Great Louisiana Flood of 2016. *Journal of Public Health Management and Practice*. April 17, 2020- doi: 10.1097/PHH.0000000000001157. [LINK](#).
30. Wait K, **Katner A**, Gallagher D, Edwards M, Mize W, Lee Pow Jackson C, Pieper K. 2020. Disparities in well water outreach and assistance provided by local health departments: A North Carolina case study. *Science of the Total Environment*. 747: 141173-141181. DOI: 10.1016/j.scitotenv.2020.141173. [LINK](#)
31. Gilliland AE, Gholson DM, Boellstorff DE, Pieper KJ, Straif-Bourgeois S, **Katner A**. 2020. Natural disaster emergency response to private water well owner needs: Evaluation of a pilot outreach approach. *Journal of Environmental Health*. 83(2):16-24. **Feature article** for Sept 2020 National Preparedness issue. [LINK](#)
32. Diaz J, Brisolar K, Harrington D, Hu C, **Katner A**. 2020. Environmental health impact of Hurricane Katrina on New Orleans. *American Journal of Public Health*. 110(10): 1480-1484. [LINK](#)
33. **Katner A**, Brisolar K, Katner P, Jacoby A, Honore P. 2020. Panic in the streets— Pandemic and protests: A manifestation of a failure to achieve democratic ideals. *New Solutions: A Journal of Environmental and Occupational Health Policy*. 30(3):161-167. DOI: 10.1177/1048291120960233 [LINK](#)
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35. Peluso V, Brisolar K, Capello H, Spence M, Gilliland A, **Katner A**. 2021. Development, evaluation and enhancement of a transdisciplinary project-based and community-engaged environmental public health curriculum for primary and secondary students. *Journal of the Louisiana Public Health Association*. 2(1):43-55. [LINK](#)
36. **Katner A**, Gilliland A, Purchase J, Straif-Bourgeois S, Peluso V, Brisolar K, Edwards M, Pieper K. 2021. Factors impacting adoption of point-of-use activated carbon faucet mount water filters. *Environmental Health Perspectives*. DOI: 10.1289/isee.2021.P-435.
37. Peluso V, Brisolar K, Capello H, Spence M, Gilliland A, **Katner A**. 2021. Evaluation of a transdisciplinary project-based environmental public health curriculum for primary and secondary students. *Environmental Health Perspectives*. DOI: 10.1289/isee.2021.p-092.

38. McCallum L, Lackovic M, Whitcomb O, **Katner A**, Harrington D. 2021. Guestworker safety and health in Louisiana: Lessons from the COVID-19 pandemic. *Environmental Health Perspectives*. DOI: 10.1289/isee.2021.p-157
39. **Katner A**, Stelly A, LeCompte E, Stallard C, Walsh J, Brisolara K. 2021. Traffic-related pollutants and human health within the interstate-10 Claiborne Corridor: land use implications. *Environmental Health Perspectives*. DOI: 10.1289/isee.2021.p-467.
40. **Katner A**. 2021. Cumulative risk assessment for public schools in a predominantly poor, minority and heavily industrialized area of Louisiana. *Environmental Health Perspectives*. DOI: 10.1289/isee.2021.p-632.
41. **Katner A**, Pieper K, Edwards M. 2021. Drinking water challenges at the nexus of corroding infrastructure, policy, public health and climate change. *Environmental Health Perspectives*. Vol 2021, Issue 1. DOI: 10.1289/isee.2021.P-189
42. **Katner A**, Pieper K. 2021. Identifying and addressing drinking water challenges in well-reliant communities after natural disasters: Lessons from a Louisiana flood. *Environmental Health Perspectives*. DOI: 10.1289/isee.2021.p-657.
43. McCallum L, Lackovic M, Whitcomb O, **Katner A**, Harrington D. 2022. Louisiana Guestworker health and safety- a necessary component of health equity: Lessons from the COVID-19 pandemic. *New Solutions: A Journal of Environmental and Occupational Health Policy* 31(5): 490-498. DOI: 10.1177/10482911211065751. [LINK](#)
44. Carvajal-Nigro R, Purchase JM, Pieper KJ, **Katner A**, Edwards M. 2022. Iron clogging of lead certified point-of-use pitcher filters. *Environmental Engineering Science*. 39(7):587-597. DOI: 10.1089/ees.2021.0331 [LINK](#)
45. Wait KD, Kriss R, Jones CN, George A, Mize W, Freeman B, Currie J , Burchell M, Parks J, **Katner A**, Edwards M, Pieper KJ. 2022. Addressing emerging contaminants in well water: A perspective on the occurrence and sources of hexavalent chromium (Cr[VI] in North Carolina. *Science of the Total Environment*. DOI: 10.2139/ssrn.4217666. [LINK](#)
46. Wait KD, Roy S, **Katner A**, Purchase J, Kriss R, Odumayomi T. Edwards M. Experiences in citizen science related to consumer perceptions of water safety (2011-2022). Submitted to *Citizen Science*.
47. Peluso V, Gilliland A, Brisolara K, Straif-Bourgeois S, Pieper K, Pierce G, Purchase J, Edwards M. **Katner A**. Observed and reported factors impacting adoption of point-of-use activated carbon faucet mount water filters in Louisiana households. Submitted to *Science of the Total Environment*.
48. **Katner A**, Edwards M, Subra W, Pieper K. Exposing America’s drinking water crisis: Lessons learned, challenges and consumer-centric solutions. Submitted to *Journal of Environmental Justice*.

BOOK AND BOOK CHAPTERS

49. **Katner A.** 2011. *Assessment of Louisiana's Fish Tissue Mercury Levels, Sportfish Consumption, Methylmercury Intake and Potential Risk: Implications for Monitoring, Advisory Development and Outreach*. ProQuest, UMI Publishing, Ann Arbor, MI. ISBN-10: 1243607866; ISBN-13: 978-1243607867. [LINK](#)
50. Gerba C, Seidel G, Oswald A, **Katner A.** 2001. Chapter 5: Soil Aquifer Treatment for Sustainable Water Reuse. In: *Pathogen Studies*, p 123-143. Ed: Fox P, American Water Works Association (AWWA) and AWWA Research Foundation. Denver, CO. ISBN-10: 1583211330 [LINK](#)
51. **Katner A**, Cohen Y. Exposure assessment involving an aerospace facility with limited monitoring data. *Environmental Science and Technology*. Vol 1. Eds: Lyon WG, Hong J, Reddy RK. American Science Press. First International Conference on Environmental Science and Technology, New Orleans, LA; ISBN 0-9768853-4-4 (1/24/2005).
52. Cohen Y, **Katner A.** 2007. Chapter 17: Improvement of Risk Assessments for Multi-contaminant Sites in the Face of Critical Data Gaps. In: *Risk Assessment for Environmental Health*, p 489-509. Editors: Robson MG, Toscano WA, Toscano G. Jossey- Bass, San Francisco, CA. ASPH ISBN-10: 0-7879-8319-5. **Invited book chapter** [LINK](#)
53. **Katner A**, Pieper K, [Lambrinidou Y](#), [Brown K](#), [Subra W](#), Edwards M. 2017. Chapter 5: America's Path to Drinking Water Infrastructure Inequality and Environmental Injustice. In: *Handbook of Sustainability: Case Studies and Practical Solutions*, Editors: Brinkman R, Garren SJ. Palgrave Macmillan. New York, NY. DOI: 10.1007/978-3-319-71389-2. ISBN-13: 978-3319713885 **Invited book chapter**
54. **Katner A**, Mielke H. 2019. Chapter 25: Lead Poisoning. In: *A Handbook of Environmental Toxicology: Human Disorders and Ecotoxicology* Editor: D'Mello F. CAB International, Oxfordshire, England. ISBN: 9781786394675. [LINK](#) **Invited book chapter**

GOVERNMENT PUBLICATIONS, REPORTS AND NON-REFEREED ARTICLES

55. **Katner A**, Divan H, Ward M, Nuckols JR. Retrospective Assessment to Quantify Potential Dioxin Exposures for a Nationwide Case-Control Study of Non-Hodgkin Lymphoma. Report to the National Institutes of Health, National Cancer Institute, Occupational and Environmental Epidemiology Branch, Rockville, MD (2005).
56. Cohen Y, **Katner A**, Harmon T, Glik D, Grifoll J, Wheeler N, Chinkin L, Ryan P. Potential for Offsite Exposures Associated with Santa Susana Field Laboratory, Ventura County, CA. Report for the Agency for Toxic Substances and Disease Registry (ATSDR) (2006). [LINK](#)
57. **Katner A**, Lackovic M, Doshani M, Gastanduy M, Koleva Y, Soileau S, White L, Dugas D. Conducting Occupational Health Surveillance during Emergency Events. LA Depts. of Health and Hospitals. Baton Rouge, LA (2009).
58. Soileau S, **Katner A**, Streva K, Dugas D, Badakhsh R, Williams E, Frierson G. Establishing a Surveillance System to Track and Link Louisiana's Blood Mercury and Fish-Tissue Mercury

Levels. Report to the Association of State and Territorial Health Officials' (ASTHO) State-to-State Peer Fellowship Program. Louisiana Office of Public Health, Section of Environmental Epidemiology and Toxicology Baton Rouge, LA (2009). [LINK](#)

59. Aubin K, Olexia D, **Katner A**. Health Consultation for Union Carbide, St. Charles Parish, Louisiana. Report to the US Agency for Toxic Substances and Disease Registry (ATSDR). Louisiana Office of Public Health, Section of Environmental Epidemiology and Toxicology Baton Rouge, LA (2009). [LINK](#)
60. Aubin K, **Katner A**, Soileau S, Dugas D. Evaluation of St. Charles Parish Hospital Emergency Department Visits after DOW's Ethyl Acrylate Release. Report to the Secretary of Louisiana Department of Health and Hospitals. LA Office of Public Health, Environmental Epidemiology and Toxicology Baton Rouge, LA (2009).
61. **Katner A**, Streva K, Sun MH, Paul V. Lead Poisoning (Childhood): Blood Testing Surveillance Report, LA. Louisiana Department of Health and Hospitals. Baton Rouge, LA (2011). [LINK](#)
62. **Katner A**, Streva K, Sun MH, Paul V. Lead Poisoning (Childhood): Risk Factors Surveillance Report, LA. Louisiana Department of Health and Hospitals. Baton Rouge, LA (2011). [LINK](#)
63. LA Seafood Safety Response and Quality Certification Plan: Post-Mississippi Canyon 252 (BP) Oil Spill. LA Depts. of Health, Environmental Health, Agriculture and Forestry, Wildlife and Fisheries. Baton Rouge, LA (2011).
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66. **Katner A**, Streva K, Sun MH, Paul V. Louisiana Air Quality: Ozone and PM2.5. Louisiana Department of Health and Hospitals. Baton Rouge, LA (2012). [LINK](#)
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68. Lackovic M, **Katner A**. Summary of Pesticide Surveillance Data: Louisiana, 2006-2011. LA Department of Health and Hospitals. Baton Rouge, LA (2013). [LINK](#)
69. **Katner A**, Streva K, Sun MH, Paul V. Heat Stress: Hospital Admissions, Emergency Department Visits and Deaths in Louisiana. Louisiana Department of Health and Hospitals. Baton Rouge, LA (2013). [LINK](#)

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72. **Katner A**, Strevia K, Sun MH, Paul V. Asthma: Hospitalizations and Emergency Department Visits, LA. LA Dept of Health. Baton Rouge, LA (2013). [LINK](#)
73. **Katner A**, Strevia K, Sun MH, Paul V. Reproductive Outcomes: Prematurity, Low Birth Weight, Fertility Rate, Sex Ratio and Mortality, Louisiana. Louisiana Department of Health and Hospitals. Baton Rouge, LA (2013). [LINK](#)
74. **Katner, A**. Louisiana Community Environmental Health Profiles. 2015. Louisiana Department of Health and Hospitals, Office of Public Health, Section of Environmental Epidemiology and Toxicology, Baton Rouge, LA.
75. **Katner A**. Flint, MI and the need for Lead and Copper Rule revisions. TU Water Ways. Tulane Institute on Water Resources Law and Policy. (Oct 20, 2015). [LINK](#)
76. [Gilliland A](#), Straif-Bourgeois S, Pieper K, **Katner A**. 2019. Private well owner needs after the historic Louisiana flood of 2016: Recommendations to improve government response and reduce community vulnerability. Report for the Louisiana Department of Natural Resources and the Louisiana Department of Health, Baton Rouge, LA.
77. **Katner A**, Diaz J, Straif-Bourgeois S, Pieper K, Brisolara K and Edwards M. Houston we have a problem: Challenges and lessons from the aftermath of Hurricane Katrina. Environmental Health News: Climate and Daily Climate (Sept 1, 2017). [LINK](#)
78. **Katner A**, [LeCompte E](#), [Stallard, C](#), [Walsh J](#), Brisolara K. 2019. Traffic-related pollutants and human health within the I-10 Claiborne Corridor, New Orleans, LA: Land use implications. Report for the New Orleans City Council, the Claiborne Corridor Alliance, and the American Geophysical Union, Thriving Earth Exchange Program. [LINK](#)
79. **Katner A**. Assessment of Environmental Conditions of Public School Locations: St. James Parish, Louisiana. Report for NAACP. Dec 11, 2020.
80. **Katner A**. Independent Assessment of Environmental Conditions of Public School Locations: St. John the Baptist Parish, Louisiana. Report for NAACP and St. John the Baptist Parish School District. February 9, 2021. [LINK](#)
81. **Katner A**. St. John the Baptist Parish Chloroprene Monitoring Demonstration. Subproject of the "Cancer Reporting in St. John the Baptist Parish (CRISP) Project". Report Prepared for Louisiana Department of Health, Office of Public Health. April 11, 2022. [LINK](#) **Impact: Triggered EPA inspection (April 18 '22), monitoring (May 5 '22), RCRA and OSHA violations, consent agreement, and order to address waste management.**

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PUBLISHED ABSTRACTS

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2. **Katner A**, Gerba CP. Evaluation of PCR for detection of enteroviruses in groundwater impacted by reclaimed wastewater. Proceedings of 98th Conference of General American Society of Microbiology, Atlanta, GA (5/20/1998).
3. **Katner A**. Recombinant adenovirus expressing p27^(Kip1) induces cell cycle arrest and apoptosis in human renal carcinoma cells. Proceedings of the Southeast American Urology Association, Orlando, FL (3/12/2000).
4. Qiangwei M, **Katner A**, Bryan W, Davis R, Rayford W. Evaluation of Adp27 (Kip1) in human prostate carcinoma cell lines LNCaP and DU145. Proceedings of the Annual Conference of the Southeast American Urological Association, Orlando, FL (3/18/2000).
5. **Katner A**, Ma Q, Gootam P, Hoang Q, Gnarra J, Rayford W. Recombinant adenovirus expressing p27^(Kip1) induces cell cycle arrest and apoptosis in human prostate carcinoma cells. Annual Meeting of the American Urological Association, Atlanta, GA (5/10/2000).
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8. **Katner A**, Cohen Y. Risk assessments in the face of critical data gaps: involvement of stakeholders and establishing trust. Annual Meeting of Society for Risk Analysis, Palm Springs, CA (12/7/2004).
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10. **Katner A**, Cohen Y. Environmental impact assessment of a multiuse industrial facility: scientific rigor, uncertainty, and participation of stakeholders. Annual Conference of the American Institute of Chemical Engineers, Cincinnati, OH (10/30/2005).
11. **Katner A**, Divan H, Ward M, Nuckols JR. Using GIS to evaluate environmental exposures to solvent releases and risk of non-Hodgins Lymphoma. National Institutes of Health, National Cancer Research Institute 1st Annual Conference, Rockville, MD (11/8/2005).
12. **Katner A**, Soileau S, Piehler C. Evaluation of spatiotemporal variation in LA's fish-tissue Hg concentrations. EPA National Forum on Contaminants in Fish, Portland, ME (6/25/2007).

13. **Katner A.** LA's fish advisory program: assumptions and fish-tissue mercury levels. EPA National Forum on Contaminants in Fish, Portland, Oregon (11/3/2009). [LINK](#)
14. Ramson M, Williams E, **Katner A.** Impact of environmental and occupational health programs in Louisiana. Louisiana Public Health Association Annual Conference. Lafayette, LA (4/11/2012).
15. **Katner A.** Carbon Monoxide poisoning: Evidence to support state and federal policy changes. U.S. Department of Housing and Urban Development's (HUD) National Conference of Lead and Healthy Homes. New Orleans, LA (5/1/2012).
16. Woods A, **Katner A**, Streva K. Arsenic in well water in Louisiana: Evidence to support mandatory monitoring and reporting. Proceedings of the National Conference of Lead and Healthy Homes Grantees. New Orleans, LA (May 1-3, 2012).
17. **Katner A.** Evaluation of the success of public disclosure on reducing environmental releases of known and suspected carcinogens in Louisiana. Annual Meeting of the Louisiana Cancer Research Consortium. New Orleans, LA. (3/27/2014).
18. Lackovic M, **Katner A**, Streva K. Evaluation of available data sources for inclusion in a statewide tracking system for well water arsenic hazards and potential exposures. Proceedings of the Council of State and Territorial Epidemiologists Annual Conference, Nashville, TN (6/23/2014).
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22. Diaz J, Brisolara K, **Katner A**, Hendricks M. Laws affecting cross-state licensure, quarantine and control of infectious disease. International Disaster Conference. New Orleans, LA (2/11/2015).
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25. **Katner A**, Brown K, Hu C, Diaz J. Legacy of lead water lines: hazard assessment, exposure modeling and implications to public health, policy and outreach. Society of Toxicology's 55TH An. Meeting. New Orleans, LA (3/16/2016).
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28. Edwards M, Pieper K, **Katner A**. Non-academic perspectives on access to safe -potable water in the U.S at the Water and Health Conference. Chapel Hill, NC, (10/14/2016).
29. Brown K, **Katner A**, Pieper K, O'Rear L, Edwards M. 2017. The Great Louisiana Flood of 2016: Private well owner knowledge, response and needs. American College of Epidemiologists (ACE) Annual Meeting. New Orleans, LA (9/25/2017).
30. **Katner A**, Pieper K, Brown K, Parks J, Hu C, Lin H, Wang X, Edwards M. 2017. Evaluation of waterborne lead in New Orleans, LA: Policy implications for monitoring and exposure reduction. American College of Epidemiologists (ACE) Annual Meeting. New Orleans, LA (9/25/2017).
31. **Katner A**, Pieper K, Lambrinidou Y, Brown K, Subra W, Edwards M. 2017. Drinking water infrastructure inequality: New insight into system corrosion and the lead-pathogen nexus. American Chemical Society's 254th National Meeting and Exposition. Washington DC (Aug 20-24, 2017).
32. **Katner A**, Pieper K, Parks J, Brown K, Hu C, Lin H, Wang X, Diaz J, Edwards, M. 2017. Evaluation of prevailing flush guidelines to reduce water lead exposures: Implications for regulations and public health outreach. American Chemical Society's 254th National Meeting and Exposition. Washington DC (Aug 20-24, 2017).
33. **Katner A**, Pieper K, Brown K, Dai D, O'Rear L, Pruden A, Edwards M. Private well water quality and emergency response needs after a historic flooding event. Water and Health Conference: Where Science Meets Policy. Chapel Hill, NC (10/18/2017).
34. Pieper K, **Katner A**, Tang M, Edwards M. Effectiveness of household water lead remediation strategies during the Flint Water Crisis. Water and Health Conference: Where Science Meets Policy. Chapel Hill, NC (10/19/2017).
35. **Katner A**. Climate change: Impact on public health. 34th International Nurse Education and Nurse Specialist Conference. New Orleans, LA (11/8/2017). ISSN: 2573-0347.
36. Pieper KJ, Dai D, **Katner A**, Rhoads W, Pruden A, Edwards M. Characterizing private well communities after a historic flooding event. American Water Works Association's Water Quality Technology Conference and Exposition. Portland, OR (11/14/2017).
37. Afaneh H, **Katner A**. Promoting hydroponic farming to conserve water in the Gaza Strip. Xavier U of LA 11th Health Disparities Conference, New Orleans, LA (4/19/2018).
38. **Katner A**, Pieper K, Edwards M. 2018. Iron as an indicator of water system corrosion and compromised disinfection: Argument for regulating iron and small system corrosion control. American Chemical Society's 255th National Meeting and Exposition. New Orleans, LA (10/20/2018).
39. **Katner A**, Pieper K, Dai D, Rhoads W, Straif-Bourgeois S, Pruden A, Edwards M. 2018. Challenges faced by private well owners in the aftermath of the 2016 Louisiana floods. American Chemical Society's 256th National Meeting. Boston, MA (8/20/2018).
40. Saucier L, **Katner A**, Barrett J, Pieper K. 2018. Evaluating state-level well disinfection protocols in the United States. National Institutes of Water Resources' Annual Water Resources Conference. Pittsburgh, PA (June 25-28, 2018).

41. **Katner A**, Pieper K, Brown K, Parks J, Hu C, Lin H, Wang X, Edwards M. 2018. Health impacts of low-dose lead: Implications for monitoring and exposure reduction guidelines. National Institutes of Water Resources' and Universities Council on Water Resources' Annual Water Resources Conference. Pittsburgh, PA (June 25-28, 2018).
42. Gholson D, Boellstorff D, Smith J, Pieper K, Rhoads W, **Katner, A**, Gentry T, Mapili K, Dozier M. The capacity to support private water well owners after a natural disaster. National Institutes of Water Resources' and Universities Council on Water Resources' Annual Water Resources Conference. Pittsburgh, PA (June 25-28, 2018).
43. Dai D, Brouse M, Mapili K, Rhoads W, Strom L, **Katner A**, Edwards M, Pieper K, Pruden A. Vulnerability of private well systems to flooding and opportunistic pathogen colonization. 25th Borchardt Conference, Ann Arbor, MI (Feb 25, 2020). [LINK](#) AND [LINK](#)
44. **Katner A**, Edwards M, Pieper K. Identifying and addressing drinking water challenges in well-reliant communities after natural disasters: Lessons from a Louisiana flood. State of the Coast Conference, virtual (May 26-28, 2021).
45. **Katner A**, Gilliland A, Purchase J, Straif-Bourgeois S, Peluso V, Brisolaro K, Edwards M, Pieper K. 2021. Factors impacting adoption of point-of-use activated carbon faucet mount water filters. 33rd Annual Conference of the International Society for Environmental Epidemiology (ISEE 2021). Virtual (August 23-26, 2021).
46. Peluso V, Brisolaro K, Capello H, Spence M, Gilliland A, **Katner A**. 2021. Evaluation of a transdisciplinary project-based environmental public health curriculum for primary and secondary students. 33rd Annual Conference of the International Society for Environmental Epidemiology (ISEE 2021). Virtual (August 23-26, 2021).
47. McCallum L, Lackovic M, Whitcomb O, **Katner A**, Harrington D. 2021. Guestworker safety and health in Louisiana: Lessons from the COVID-19 pandemic. 33rd Annual Conference of the International Society for Environmental Epidemiology (ISEE 2021). Virtual (August 23-26, 2021).
48. **Katner A**, Stelly A, LeCompte E, Stallard C, Walsh J, Brisolaro K. 2021. Traffic-related pollutants and human health within the interstate-10 Claiborne Corridor: land use implications. 33rd Annual Conference of the International Society for Environmental Epidemiology (ISEE 2021). Virtual (August 23-26, 2021).
49. **Katner A**. 2021. Cumulative risk assessment for public schools in a predominantly poor, minority and heavily industrialized area of Louisiana. 33rd Annual Conference of the International Society for Environmental Epidemiology (ISEE 2021). Virtual (August 23-26, 2021).
50. **Katner A**, Pieper K, Edwards M. 2021. Drinking water challenges at the nexus of corroding infrastructure, policy, public health and climate change. 33rd Annual Conference of the International Society for Environmental Epidemiology (ISEE 2021). Virtual (August 23-26, 2021).
51. **Katner A**, Pieper K. 2021. Identifying and addressing drinking water challenges in well-reliant communities after natural disasters: lessons from a Louisiana flood. 33rd Annual Conference of the International Society for Environmental Epidemiology (ISEE 2021). Virtual (August 23-26, 2021).
52. **Katner A**. 2021. The role of misunderstanding and misapplication of science in perpetuating environmental injustice. International Society of Exposure Science (ISES) Annual Meeting. Virtual. (August 30 – Sept 2, 2021).

53. **Katner A**, Brisolara K. 2021. Evaluation of multidisciplinary community-triggered project-based approaches to resolve complex environmental public health problems. International Society of Exposure Science (ISES) Annual Meeting. Virtual. (August 30 – Sept 2, 2021).
54. **Katner A**, Edwards M, Pieper K. 2021. Drinking water challenges at the nexus of corroding infrastructure, exposure reduction science, regulations and policy, public health and climate change. International Society of Exposure Science (ISES) Annual Meeting. Virtual (Aug 30- Sept 2, 2021).
55. **Katner A**, Pieper K. 2022. Case studies highlighting obstacles to self-reliance in accessing clean drinking water: Preparing communities for climate change and corroding drinking water infrastructure. Gulf of Mexico Conference, Baton Rouge, LA (Apr 15-28, 2022).
56. **Katner A**. 2022. Role of science misapplication and misinterpretation in perpetuating environmental injustice. National Network of Public Health Institutes Annual Conference (NNPHI), New Orleans LA (May 17-19, 2022).
57. Pieper K, Jones N, Rhoads W, Rome M, Gholson D, **Katner A**, Boellstorff D, Beighley RE. Microbial contamination of drinking water supplied by private wells after Hurricane Harvey. Association of Environmental Engineering and Science Professors (AEESP) Annual Conference, St. Louis, Missouri. (June 28-30, 2022).
58. **Katner A**, Stelly A, De Jesus Crespo R, Wallace T, Brisolara A. Rebuilding after climate disasters, population displacements and government abandonment: Louisiana case studies in fostering community ownership, equity and resilience. 2023 National Environmental Health Association's (NEHA) Annual Educational Conference (AEC). New Orleans, LA (July 31- August 3, 2023).
59. **Katner A**, Straif-Bourgeois S, Harrington D, Bian R, Brisolara K. Louisiana's wicked climate future: A cautionary tale about hurricanes, floods and heat, Oh My! 2023 National Environmental Health Association's (NEHA) Annual Educational Conference (AEC). New Orleans, LA (July 31- August 3, 2023).

Unpublished Abstracts

60. **Katner A**. Molecular methods for the detection of enteroviruses in groundwater. Fifth Annual Arizona University Environmental Studies Conference. Northern Arizona U. Flagstaff, AZ (3/28/1997). **Awarded best talk.**
61. **Katner A**. Data linkage: Fish tissue mercury and childhood blood mercury- ASTHO Environmental Public Health Tracking State-to-State Peer Fellowship Program, 25th Annual LA Remote Sensing & GIS Workshop, Baton Rouge, LA (4/14/2009).
62. **Katner A**. Linking Blood Mercury Levels and Fish-Tissue Mercury Levels- Demonstration Environmental Public Health Tracking Project U.S. CDC's Annual National Environmental Public Health Tracking Meeting. Atlanta, GA (10/26/2009).
63. **Katner A**. Evaluating asbestosis hospitalizations in LA, 2000-2009. U.S. CDC's Annual National Environmental Public Health Tracking Meeting. Atlanta, GA (6/23/2011).
64. **Katner A**. Setting the groundwork for emerging water quality issues in LA. U.S. CDC An. National Environmental Public Health Tracking Meeting. Atlanta, GA (6/23/2011).

65. Dunn-Smith L, Ratard R, **Katner A**, Scott-Waldron C, Romalevski C. Medical surveillance systems: understanding their strengths and weaknesses. Tulane Health Science Research Day. New Orleans, LA (2/20/2012).
66. **Katner A**. Building LA's Environmental Public Health Tracking System. LA Environ. Health Association's 63rd An. Educational Conference. Baton Rouge, LA (3/14/2013).
67. **Katner A**. Raising awareness of arsenic in private wells. U.S. CDC's Annual National Environmental Public Health Tracking Meeting. Atlanta, GA (7/16/2013).
68. Pate J, **Katner A**. Integrated exposure uptake biokinetic modeling to estimate the impact of drinking water lead levels on childhood blood lead levels. LSUHSC Summer Research Presentation Day. New Orleans, LA (7/31/2015). **Placed third in category.**
69. Harris C, Williams, TE, Bludsaw AJ, Huynh N, **Katner A**. Identifying and addressing knowledge gaps of medical providers to support the state's prevention efforts. LSUHSC Education Day Conference, New Orleans, LA (10/26/2015).
70. Musa O, **Katner A**. Government policies and practices may be thwarting prevention of childhood lead poisoning. LSUHSC, School of Public Health Delta Omega Honors Day. New Orleans, LA (4/8/2016).
71. **Katner A**. Buildings and human health: Lead and beyond. U.S. Green Building Council- Forward Symposium on Sustainability. New Orleans, LA (5/13/2016).
72. Huval L, Pate J, Cole C, Galliano C, Galliano J, Iosipiv P, Ludlam J, Taylor E, **Katner A**. Lead in water: At-risk populations, water testing, exposure reduction, and public access to information. LSUHSC, Science Youth Initiative Summer Research Presentation Day. New Orleans, LA (7/22/2016). **Placed third in category**
73. Moore M, Umrigar A, Spence M, Mercer D, **Katner A**, Cuccia M, Augustas-Wallace A, Tsien F. Public health and science education pipeline at LSUHSC for (K-12) and undergraduate underrepresented minorities (URMs). Louisiana State University Health Sciences Center, School of Medicine Graduate Research Day. (11/4/2016).
74. Pieper K, **Katner A**, Edwards M. Flint's lead problem and lessons learned. San Francisco Public Utilities Commission and Wholesale Customers 6th Annual Water Quality and Technology Workshop. Foster City, CA (11/9/2016).
75. **Katner A**. What do we do about drinking water? 22nd Annual Tulane Environmental Law and Policy Summit. New Orleans, LA (3/11/2017).
76. Pieper KJ, **Katner A**. Response and recovery for Great LA Flood of 2016. The Private Well Conference: 1st An. National Stakeholder Meeting. Champaign, IL (5/23/2017).
77. Quintana J and **Katner A**. Potential health impacts of New Orleans drinking water lead levels and effectiveness of prevailing interventions. LSUHSC Summer Research Presentation Day. New Orleans, LA (7/27/2017).
78. Saucier L, **Katner A**, Straif-Bourgeois S, Pieper K, Edwards M. Evaluation of shock chlorination protocols for private well disinfection. LSUHSC, School of Medicine Graduate Research Day. New Orleans, LA (11/3/2017).
79. Capello H, Spence M, Wimbish J, **Katner A**, Brisolara K. Development, implementation and evaluation of an inter-disciplinary curriculum to empower high school students to address environmental public health problems in underserved communities. LSUHSC, School of Medicine Graduate Research Day. New Orleans, LA (11/3/2017).

80. Sacco V, **Katner A**. Evaluation of school siting policies: Recommendations to reduce Louisiana Children's exposures to hazards. Louisiana State University School of Public Health Delta Omega Honors Day. New Orleans, LA (4/8/2020).
81. Puszykowski K, **Katner A**. Sustainability at the institutional level: what LSU-Health Sciences Center can to do address climate change. Louisiana State University School of Public Health Delta Omega Honors Day. New Orleans, LA (4/8/2020).
82. Quijano C, Stelly A, **Katner A**. Overcoming barriers associated with inequitable historic highway development decisions: New Orleans Interstate-10 (I-10). Louisiana State University School of Public Health Delta Omega Honors Day. New Orleans, LA (4/5/2021).
83. Peluso V, Sorapuru L, **Katner A**. Recommendations to ensure equity associated with air pollution in Louisiana's Climate Change Plan for COVID-19 vulnerable communities. Louisiana State University School of Public Health Delta Omega Honors Day. New Orleans, LA (4/5/2021).
84. McCullum L, Lackovic M, **Katner A**, Whitcomb Q, Harrington D. COVID-19 outbreaks in LA seafood processing plants highlight problems with H-2B Visa Program. Louisiana State University School of Public Health Delta Omega Honors Day. New Orleans, LA (4/5/2021).
85. **Katner A**, Peluso V, Stelly A, LeCompte E, Stallard C, Walsh I, Capello H, Spence M, Gilliland A, Brisolara, K. Research-Community Partnerships to Educate and Empower Students, Inform Stakeholders and Achieve Community Goals. LSU Dellinger Symposium: Strategies for Prompting Community Engagement in the Classroom to Achieve Environmental Justice. Baton Rouge, LA (2/23/2022).
86. **Katner A**. Situational challenges to adapt to the new climate normal: Cutting edge research from fellows funded by the National Academies. American Planning Association Conference, New Orleans, LA (11/10/2022).
87. **Katner A**. Case study of highways to boulevards effort: Overcoming political, community and financial barriers to re-envision the Interstate-10 Claiborne Avenue Corridor. American Planning Association Conference, New Orleans, LA (11/9/2022).

ENCYCLOPEDIA ENTRIES

Katner A. 2016. "Atomic Energy Commission", "Toxic Substances and Disease Registry", "Material Safety Data Sheet", "National Environmental Public Health Tracking Network", "Pollution Prevention Act", "Nuclear Regulatory Commission" in *Environmental Health in the 21st Century: From Air Pollution to Zoonotic Diseases*. Editor: Crume, Richard, 2 vols. Santa Barbara, CA: ABC-CLIO (Greenwood Imprint).

THESES

Katner A. 1994. Classical Genetic Analyses to Identify Homeobox Genes and Temperature Shift-Sensitive Maternal Zygotic Mutations in *Drosophila melanogaster*. University of California- Santa Cruz (UCSC), University Libraries, Santa Cruz, CA

Katner A. 1998. Evaluation of an Integrated Cell Culture-Polymerase Chain Reaction Method for the Detection of Live Enteroviruses in Groundwater Impacted by Reclaimed Wastewater. University of Arizona, University Libraries, Tucson, AZ. [LINK](#)

ACKNOWLEDGED CONTRIBUTIONS

The Louisiana Injury Prevention Plan. Louisiana Department of Health and Hospitals, Office of Public

Health, Bureau of Emergency Services, New Orleans, LA (2009).

De Roos AJ, Davis S, Colt JS, Blair A, Airola M, Severson RK, Cozen W, Cerhan JR, Hartge P, Nuckols JR, Ward MH. Residential proximity to industrial facilities and risk of Non-Hodgkin Lymphoma. *Environ Res.* 110(1): 70–78 (2010). [LINK](#)

Straif-Bourgeois S, Ratard R. Parkinson disease hospitalizations and mortality in Louisiana, 1999-2012. *J LA State Med. Soc.* 167(6):248-251 (2015). [LINK](#)

Warren-May L, Fischbach JR, Abbott M. Informing Pittsburgh's options to address lead in water. PE-247. RAND Corporation, Santa Monica, CA (2017). [LINK](#)

Quatrevaux E. Lead exposure and infrastructure reconstruction. New Orleans Office of Inspector General, New Orleans, LA (2017). [LINK](#)

Stohs S, Bacock A, Geller A, Homles M, Nweke O, Ridley D, Small M, Tong SW, Gary D, and Zenni W. Participatory Science: How can these approaches best support environmental justice? U.S. Environmental Protection Agency, Office of Research and Development, Washington DC, November 2022.

CONFERENCE TALKS AND ABSTRACTS

International

1. Laws affecting cross-state licensure, quarantine and control of infectious disease. International Disaster Conference. New Orleans, LA (2/11/2015).
2. Private Well water quality and emergency response needs after a historic flooding event. Water and Health Conference: Where Science Meets Policy. Chapel Hill, NC (10/18/2017).
3. Climate change and its impact on public health. 34th International Nurse Education and Nurse Specialist Conference. New Orleans, LA (11/8/2017).
4. Drinking water challenges at the nexus of corroding infrastructure, exposure reduction science, regulations and policy, public health and climate change. International Society of Exposure Science Conference. Virtual (8/30-9/2/2021).
5. Evaluation of multidisciplinary community-triggered project-based approaches to resolve complex environmental public health problems. International Society of Exposure Science (ISES) Annual Meeting. Virtual (8/30-9/2/2021).

National

6. Evaluation of a PCR method for the detection of enteroviruses in groundwater impacted by reclaimed wastewater. 98th General Meeting of American Society for Microbiology, Atlanta, GA (5/19/1998).
7. Recombinant adenovirus expressing p27(Kip1) induces cell cycle arrest and apoptosis in human prostate carcinoma cells. Annual Meeting of the American Urological Association, Atlanta, GA (5/10/2000).
8. Linking blood mercury levels and fish-tissue mercury levels. U.S. CDC An. Nat. Environmental Public Health Tracking Meeting. Atlanta, GA (10/26/2009).
9. Setting the groundwork for emerging water quality issues in LA. U.S. CDC's An. Nat. Environ. Public Health Tracking Meeting. Atlanta, GA (6/23/2011).
10. Evaluating asbestosis hospitalizations in LA, 2000-2009. U.S. CDC's An. National Environmental Public Health Tracking Meeting. Atlanta, GA (6/23/2011).

11. Carbon monoxide poisoning: Evidence to support state and federal policy changes. U.S. Department of Housing and Urban Development's (HUD) National Conference of Lead and Healthy Homes. New Orleans, LA (5/1/2012).
12. Raising awareness of arsenic in private wells. U.S. CDC's Annual National Environmental Public Health Tracking Meeting. Atlanta, GA (7/16/2013).
13. Evaluation of environmental and educational interventions to reduce childhood lead poisoning from an underestimated lead source- drinking water. National Lead and Healthy Housing Conference. New Orleans, LA (10/8/2015).
14. Buildings and human health: Lead and beyond. U.S. Green Building Council- Forward Symposium on Sustainability. New Orleans, LA (5/13/2016).
15. Drinking water: An underestimated source of lead exposure? 79th National Environmental Health Association Meeting and US Housing and Urban Development's Healthy Homes Conference. San Antonio, TX (6/14/2016).
16. Evaluation of prevailing flush guidelines to reduce water lead exposures: implications for regulations and public health outreach. 253rd American Chemical Society National Conference. San Francisco, CA (4/4/2017).
17. Drinking water infrastructure inequality: New insight into system corrosion and the lead-pathogen nexus. American Chemical Society's 254th National Meeting and Exposition. Washington DC (8/20/2017).
18. Iron as an indicator of water system corrosion and compromised disinfection: Argument for regulating iron and small system corrosion control. American Chemical Society's 255th National Meeting. New Orleans, LA (3/19/2018).
19. Challenges faced by private well owners in aftermath of the 2016 LA floods. American Chemical Society's 256th National Meeting. Boston, MA (8/20/2018).
20. Evaluating state-level well disinfection protocols in the United States. National Institutes of Water Resources and Universities Council on Water Resources Annual Water Resources Conference. Pittsburgh, PA (6/26/2018).
21. Health impacts of low-dose lead: Implications for monitoring and exposure reduction guidelines. National Institutes of Water Resources' and Universities Council on Water Resources' Annual Water Resources Conference. Pittsburgh, PA (6/26/2018).
22. Opportunities to increase well user resilience after a natural disaster. Emergency Response and Private Wells Colloquium, online (2/26/2019).
23. Vulnerability of private well systems to flooding and opportunistic pathogen colonization. 25th Borchardt Conference Triennial Symposium on Advancements in Water and Wastewater, Ann Arbor, MI. (Feb 25-26, 2020) [LINK](#)
24. Identifying and addressing drinking water challenges in well-reliant communities after natural disasters: Lessons from a Louisiana flood. State of the Coast Conference 2021, online (5/10/2021).
25. Case study of highways to boulevards effort: Overcoming political, community and financial barriers to re-envision the Interstate-10 Claiborne Avenue Corridor. American Planning Association Conference, New Orleans, LA (11/9/2022).
26. Situational challenges to adapt to the new climate normal: Cutting edge research from fellows funded by the National Academies. 2022 American Planning Association Conference, New Orleans, LA (11/10/2022).
27. Rebuilding after climate disasters, population displacements and government abandonment: Louisiana case studies in fostering community ownership, equity and resilience. 2023 National Environmental Health Association's Annual Educational Conference. New Orleans, LA (7/31-8/3/2023).

28. Louisiana's wicked climate future: A cautionary tale about hurricanes, floods and heat, Oh My! 2023 National Environmental Health Association's (NEHA) Annual Educational Conference (AEC). New Orleans, LA. (7/31-8/3/2023).

Regional

29. Recombinant adenovirus expressing p27(Kip1) induces cell cycle arrest and apoptosis in human renal carcinoma cells. Southeast American Urology Association, Orlando, FLA (3/12/2000).
30. Lead: Review of current science on low-dose impacts. Mid-South Occupational and Environmental Medicine Association An. Mtg. Baton Rouge, LA (4/1/2017).
31. Introduction to the application of bioremediation for soil and water contaminant cleanup. Continuing Education course for LSUHSC Emerging Technologies for Occupational Health and the Environment (ECOLE). New Orleans, LA (12/3/2018).
32. Practical Limitations Associated with Exposure Prevention Guidelines and Health Goals for Lead in Tap Water. Children's Environmental Health Symposium New Orleans, LA. (June 10-11, 2019).
33. Case studies highlighting obstacles to self-reliance in accessing clean drinking water: Preparing communities for climate change and corroding drinking water infrastructure. Gulf of Mexico Conference, Baton Rouge, LA (Apr 15-28, 2022).

State

34. Molecular methods for the detection of enteroviruses in groundwater. 5th An. AZ U. Environ. Studies Conf. Northern AZ U. Flagstaff, AZ (3/28/1997). **Best talk.**
35. Exposure assessment for communities SSFL. Santa Susana Field Lab Workgroup Public Meeting-. Simi Valley, CA (8/19/2003).
36. Results of a hazard ranking system scoring for SSFL. Santa Susana Field Laboratory Workgroup and Public Meeting- Simi Valley, CA (3/24/2004).
37. Data linkage: fish tissue mercury and childhood blood mercury- ASTHO Environmental Public Health Tracking State-to-State Peer Fellowship Program, 25th Annual LA Remote Sensing and GIS Workshop, Baton Rouge, LA (4/14/2009).
38. Building LA's Environmental Public Health Tracking System. LA Environmental Health Assoc. 63rd An. Educational Conference. Baton Rouge, LA (3/14/2013).
39. Potential for Offsite Exposure from the SSFL. Santa Susana Field Lab Workgroup Meeting. Simi Valley, LA (6/18/2014). [LINK](#)
40. Quantification of drinking water lead levels using innovative methods: implications for environmental, educational and regulatory interventions. LA Office of Public Health, Healthy Homes and Childhood Lead Poisoning Prevention Annual Meeting. New Orleans, LA (8/17/2015).
41. Lead levels in New Orleans drinking water. Presentation to LA Healthy Homes and Lead Poisoning Prevention Program Advisory Board. New Orleans, LA (3/30/2016).
42. Lead in New Orleans drinking water: policy implications. Presentation to LA Dept of Health. New Orleans, LA (5/12/2016).
43. Buildings and human health: Lead and beyond. U.S. Green Building Council- Louisiana Forward Symposium on Sustainability. New Orleans, LA (5/13/2016).
44. Flint: What went wrong? Public Interest Law Foundation, New Orleans, LA (3/6/2017)
45. What do we do about drinking water? 22nd Annual Tulane Environmental Law and Policy Summit. New Orleans, LA (3/11/2017).
46. Well contamination and well owner resource needs after the Great Louisiana Flood of 2016: Emergency Preparedness and Recovery Lessons. 13th Annual LA Water Conference, Baton Rouge, LA. (April 15-16, 2019)
47. Impacts of natural and manufactured disasters on Louisiana's drinking water infrastructure. Annual Meeting of the Louisiana Healthy Communities Coalition. Ruston, LA (3/18/2019).

48. Is there lead in New Orleans water? Implications for utility monitoring and exposure prevention. 2019 Louisiana Clinical and Translational Science Center's External Advisory Committee Meeting. New Orleans, LA (4/16/2019).
49. Panel Discussion: Community-Academic Partnerships. Louisiana Clinical and Translational Science Center's Community- Engaged Research Symposium. New Orleans, LA (9/6/2019).

Local

50. Occurrence of indicators and enteroviruses in groundwater impacted by reclaimed groundwater. Regulatory Research Advisory Committee Mtg. County Sanitation District of Los Angeles, CA (11/19/1997).
51. A drinking story about natural and manufactured disasters, water infrastructure inequality and the metal-pathogen nexus. Local New Orleans Chapter of the American Chemical Society (ACS). New Orleans, LA (10/15/2018).

University

52. Introduction to Polymerase Chain Reaction: Testing conditions. U of Arizona, Soil, Water and Environmental Science Program Monthly Seminar, Tucson, AZ (4/23/1997)
53. LA's Environmental Public Health Tracking Surveillance. Graduate Seminar. Tulane University, New Orleans, LA (4/21/2012).
54. The Great Lead Water Pipe Disaster: DC, Flint and New Orleans. Lecture for Environmental Signaling in Medicine class. Tulane University School of Pharmacology. New Orleans, LA (2/1/2016).
55. Review of latest science on lead toxicity, revised state testing and reporting requirements, and updated management guidelines. LSUHSC School of Nursing. Lecture for Population-Focused Nursing Theory class. New Orleans, LA (3/7/2016).
56. New Orleans' Lead in Water Study: Implications for public health, national policies, and prevailing lead poisoning prevention guidelines. LSUHSC School of Public Health, New Orleans, LA (4/26/2016).
57. Lead toxicity, state testing and reporting requirements, and updated management guidelines. LSUHSC School of Nursing. Lecture for Population-Focused Nursing Theory class. New Orleans, LA (6/7/2016).
58. Grand Rounds, LSU Health Sciences Center School of Medicine, Children's Hospital: Department of Pediatrics. "Lead Poisoning Diagnosis and Case Management". New Orleans, LA. August 3 2015.
59. Lead: environmental monitoring, blood testing and medical reporting, LSUHSC School of Nursing. Lecture for Population-Focused Nursing Theory class. New Orleans, LA (9/19/2016).
60. Environmental and public health policy implications of the 2017 election and a GOP dominated government. Special Panel Presentation. LSUHSC School of Public Health. New Orleans, LA (11/17/2016)
61. Update on low-dose lead impacts. Lecture for Environmental Signaling class. Tulane U. New Orleans, LA (2/13/2017).
62. Flint: What Went Wrong? Public Interest Law Foundation, New Orleans, LA (3/6/2017)
63. Lead: Environmental monitoring, blood testing and medical reporting, LSUHSC School of Nursing. Lecture for Population-Focused Nursing Theory class. New Orleans, LA (3/20/2017).
64. Lead: Environmental monitoring, blood testing and medical reporting, LSUHSC School of Nursing. Lecture for Population-Focused Nursing Theory class. New Orleans, LA (6/26/2017).
65. Drinking water infrastructure inequality: system corrosion and the lead-pathogen nexus, LSUHSC School of Public Health Epidemiology Seminar. New Orleans, LA. (9/20/2017).
66. Drinking water infrastructure inequality: system corrosion and the lead-pathogen nexus. Lecture for Environmental Signaling class. Tulane University School of Pharmacology. New Orleans, LA (10/27/2017).
67. Toxic Metals and Halogens. Lecture for Environmental Signaling in Medicine class. Tulane U. New Orleans, LA (2/13/2018+, annually). [LINK](#)

68. Lead: environmental monitoring, blood testing and medical reporting, LSUHSC School of Nursing. Lecture for Population-Focused Nursing Theory class. New Orleans, LA (2/26/2018).
69. Chemistry of environmental pollution and how to assess its impact. Institute of Earth Systems, University of Malta, Msida, Malta (10/25/2019).
70. Flint is Family. Panel Discussion. Newcomb Art Museum of Tulane University, New Orleans LA (11/9/2019). [LINK](#), [LINK](#), [LINK](#)
71. Roadblocks to Sustainable Development in the U.S. and Louisiana. School of Geography and Sustainable Development, St. Andrews University, UK (12/17/2019).
72. A Louisiana Tale of Climate Change, Corrosion and Drinking Water Inequality. California State University- San Bernardino, San Bernardino, CA (2/6/2020)
73. A Louisiana Tale of Climate Change, Corrosion and Drinking Water Inequality. Chapman University, Orange, CA (2/10/2020).
74. The Truth Exposed: Environmental Justice and COVID-19. Center for Minority Health and Health Disparities. Xavier University, New Orleans, LA (6/17/2020).
75. Practices in physician advocacy to advance improved health and social justice. School of Medicine, Louisiana State University- Health, New Orleans, LA (2020+, annual talk).
76. Environmental Justice and Health Disparities. School of Public Health, Louisiana State University Health, New Orleans, LA (8/7/2020).
77. COVID-19 Impacts on Louisiana's Industrial Corridor. Department of History, Drexel University, Philadelphia, PA (8/11/2020).
78. Drinking Water Infrastructure Inequality and Consumer-Centric Solutions. Environmental Justice Series. Society of Environmental Engineers, University of Colorado at Boulder, Boulder, CO (10/19/2020). [LINK](#)
79. Environmental Justice Issues in Louisiana. Water Quality Engineering. Northeastern University. Boston, MA (10/27/2020).
80. Community-Based Participatory Research to Expose and Address Environmental Justice in Louisiana. CEE Distinguished Seminar Series, Virtual Panel Discussion, Using Community-Based Research Strategies to Exposure and Address in Environmental Justice. Department of Civil and Environmental Engineering, Northeastern University. Boston, MA (11/5/2020).
81. Louisiana's Legacy of Corroding Drinking Water Infrastructure and Associated Water Contaminants: Implications for Environmental Justice. Weekly Seminar Series, School of Biological Sciences, Louisiana Tech University, Ruston, LA. (11/1/2021).
82. Research-Community Partnerships to Educate and Empower Students, Inform Stakeholders and Achieve Community Goals. LSU Dellinger Symposium: Strategies for Prompting Community Engagement in the Classroom to Achieve Environmental Justice. Baton Rouge, LA (2/23/2022).

INVITED TALKS, PRESENTATIONS AND SEMINARS

International

1. Climate change and its impact on public health. 34th International Nurse Education and Nurse Specialist Conf. New Orleans, LA (11/8/2017).

National

2. Evaluation of environmental and educational interventions to reduce childhood lead poisoning from an underestimated lead source- drinking water. National Lead and Healthy Housing Conference. New Orleans, LA (10/8/2015).
3. Buildings and human health: Lead and beyond. U.S. Green Building Council- Forward Symposium on Sustainability. New Orleans, LA (5/13/2016).

4. Drinking water: An underestimated source of lead exposure? 79th National Environmental Health Association Meeting and US Housing and Urban Development's Healthy Homes Conference. San Antonio, TX (6/14/2016).
5. Evaluation of prevailing flush guidelines to reduce water lead exposures: implications for regulations and public health outreach. 253rd American Chemical Society National Conference. San Francisco, CA (4/4/2017).
6. Drinking water infrastructure inequality: New insight into system corrosion and the lead-pathogen nexus. American Chemical Society's 254th National Meeting and Exposition. Washington DC (8/20/2017).
7. Iron as an indicator of water system corrosion and compromised disinfection: Argument for regulating iron and small system corrosion control. American Chemical Society's 255th National Meeting. New Orleans, LA (3/20/2018).
8. Evaluating state-level well disinfection protocols in the United States. National Institutes of Water Resources' and Universities Council on Water Resources' Annual Water Resources Conference. Pittsburgh, PA (6/26/2018).
9. Challenges faced by private well owners in aftermath of the 2016 LA floods. American Chemical Society's 256th National Meeting. Boston, MA (8/20/2018).
10. Health impacts of low-dose lead: Implications for monitoring and exposure reduction guidelines. National Institutes of Water Resources' and Universities Council on Water Resources' An. Water Resources Conf. Pittsburgh, PA (6/26/2018).
11. Lead contamination media briefing: Expert panel on lead in water, lead poisoning and associated policies for the American Association for the Advancement of Science's (AAAS) SciLine. Online. (4/29/32019). [LINK](#) AND [LINK](#)
12. Toxic Inequity, New Orleans Silent Poison. 5th Annual Side by Side Wetlands Art Tour Exhibition. New Orleans, LA (5/10/2019).
13. Community science: Local knowledge and scientific tools joining forces to document urban health hazards. Panel Presentation. American Association for the Advancement of Science (AAAS), Science and Human Rights Coalition, Office of Science, Policy and Society Programs. (5/4/2021).
14. Well water user preparedness and recovery and government planning and response in the aftermath of floods and hurricanes. Private Wells Preparedness' Flash [Webinar](#) Series. National Environmental Health Association's Private Water Network. (10/8/2021). [LINK](#)
15. Understanding Lead in Water and Avoidance Strategies: a US Perspective for Informed Decision-making. NIEHS Frontiers in Environmental Science and Health (FrESH) Advanced Training Course. Morehouse School of Medicine, Atlanta, GA. (June 5-12, 2022).

Regional and State

16. Exposure assessment for communities surrounding SSFL. Santa Susana Field Laboratory Workgroup and Public Meeting-. Simi Valley, CA (8/19/2003).
17. Results of a hazard ranking system scoring SSFL. Santa Susana Field Laboratory Workgroup and Public Meeting- Simi Valley, CA (3/24/2004).
18. Potential for Offsite Exposure from SSFL. Santa Susana Field Lab Workgroup Meeting. Simi Valley, CA (6/18/2014). [LINK](#)
19. Quantification of drinking water lead levels using innovative methods: implications for environmental, educational and regulatory interventions, Louisiana Office of Public Health, Healthy Homes and Childhood Lead Poisoning Prevention Annual Meeting. New Orleans, LA (8/17/2015).
20. Lead Levels in New Orleans Drinking Water: Preliminary Results. LA Office of Public Health, Healthy Homes and Lead Poisoning Prevention Program State Advisory Board. New Orleans, LA (3/30/2016).

21. Lead Levels in LA Water: Policy Implications. Presentation to Louisiana Healthy Homes and Lead Poisoning Prevention Program Advisory Board, Office of the Public Health, LA Dept of Health and Hospitals. New Orleans, LA (5/12/2016).
22. Presentations and discussions with Louisiana Department of Health and Hospitals' State Health Officer, Dr. Jimmy Guidry, New Orleans, LA (6/1/2016).
23. Lead: Review of current science on low-dose impacts. Mid-South Occupational and Environmental Medicine Association Annual Meeting, Baton Rouge, LA (4/1/2017).
24. What do we do about drinking water? 22nd Annual Tulane Environmental Law and Policy Summit. New Orleans, LA (3/11/2017).
25. Lead in New Orleans: The next Flint? Drinking water infrastructure inequality: System corrosion and corruption. 23th Annual Tulane Environmental Law and Policy Summit. New Orleans, LA (3/10/2018). [LINK](#)
26. A drinking story about natural and manufactured disasters, water infrastructure inequality and the metal-pathogen nexus. Regional American Chemical Society (ACS). New Orleans, LA (10/15/2018).
27. Updates to EPA's "3Ts Guidelines for Reducing Lead in Drinking Water in Schools". National Lead Poisoning Prevention Week: Take the Fright out of the Fight for Clean Lead-Safe Living. LA Roundtable for the Environment. New Orleans, LA (10/25/2018).
28. Introduction to the application of bioremediation for soil and water contaminant cleanup. Continuing Education course for LSUHSC Emerging Technologies for Occupational Health and the Environment (ECOLE). New Orleans, LA (12/3/2018).
29. Impacts of Natural and Manufactured Disasters on Louisiana's Drinking Water Infrastructure. Annual Meeting of the Louisiana Healthy Communities Coalition. Ruston, LA (3/18/2019).
30. Environmental Justice. 24th Annual Tulane Environmental Law and Policy Summit. New Orleans, LA (3/24/2019).
31. Lead poisoning in New Orleans: Are you at risk? 24th Annual Tulane Environmental Law and Policy Summit. New Orleans, LA (3/23/2019).
32. Lead and New Orleans Drinking Water: Update on a Community-Academic Partnership for the Community Scholars Program. Louisiana Clinical and Translational Science Center's Community Advisory Board. New Orleans, LA (8/22/2019).
33. Panel Discussion: Community-Academic Partnerships. Louisiana Clinical and Translational Science Center's Community- Engaged Research Symposium. New Orleans, LA (9/6/2019).
34. Panel Discussion: Racism in the Pandemic: What your organization can do to prepare for the COVID-19 pandemic. LifeCity's Love Your City Symposium. New Orleans, LA (5/18/2020).
35. Panel Discussion. Truth Exposed Series: Environmental Justice and COVID-19. Xavier Center for Equity, Justice and the Human Spirit, and Center for Minority Health and Health Disparities Research and Education. New Orleans, LA (6/17/2020). [LINK](#)
36. Louisiana's Legacy of Lead and Environmental Injustice. Albert Schweitzer Fellowship Environmental Justice Seminar Series. New Orleans, LA (12/13/2020).
37. Ethical Considerations in Community-Engaged Research and Citizen Science: Discussions in Air Pollution Research. Albert Schweitzer Fellowship Environmental Justice Seminar Series. Baton Rouge, LA (12/29/2021).
38. Gulf Scholar's Program Science Policy Fellow Panel. New Orleans, LA (3/24-25/2023).

County and City

39. Occurrence of indicators and enteroviruses in groundwater impacted by reclaimed groundwater. Regulatory Research Advisory Committee Meeting. County Sanitation District of Los Angeles, CA (11/19/1997).
40. Lead levels in New Orleans drinking water. New Orleans Health Department. New Orleans, LA (3/23/2016).

41. Study on the health impacts of the I-10 overpass and beyond. New Orleans City Council Meeting. New Orleans, LA (1/29/2020). [LINK](#) AND [LINK](#)

University

42. LA's Environmental Public Health Tracking Surveillance. Graduate Seminar. Tulane Univ, New Orleans, LA (4/21/2012).
43. The Great Lead Water Pipe Disaster: DC, Flint and New Orleans. Lecture for Environmental Signaling in Medicine class. Tulane University School of Pharmacology. New Orleans, LA (Annually, 2016, 2017, 2018, 2019, 2020+).
44. Review of latest science on lead toxicity, revised state testing and reporting requirements, and updated management guidelines. LSUHSC School of Nursing. Lecture for Population-Focused Nursing Theory class. New Orleans, LA (3/7/2016).
45. New Orleans' Lead in Water Study: Implications for public health, national policies, and prevailing lead poisoning prevention guidelines. LSUHSC School of Public Health, New Orleans, LA (4/26/2016).
46. Lead toxicity, state testing and reporting requirements, and updated management guidelines. LSUHSC School of Nursing. Lecture for Population-Focused Nursing Theory class. New Orleans, LA (6/7/2016).
47. Medical Ground Rounds: Lead poisoning diagnosis and case management. Pediatric Grand Rounds. LSUHSC School of Medicine. New Orleans, LA (8/3/2016).
48. Lead: environmental monitoring, blood testing and medical reporting, LSUHSC School of Nursing. Lecture for Population-Focused Nursing Theory class. New Orleans, LA (9/19/2016).
49. Environmental and public health policy implications of the 2017 election and a GOP dominated government. Special panel presentation. LSUHSC School of Public Health. New Orleans, LA (11/17/2016)
50. Update on low-dose lead impacts. Lecture for Environmental Signaling class. Tulane University School of Pharmacology. New Orleans, LA (2/13/2017).
51. What Went Wrong? Public Interest Law Foundation, Tulane University Law School. New Orleans, LA (3/6/2017)
52. Lead: Environmental monitoring, blood testing and medical reporting, LSUHSC School of Nursing. Lecture for Population-Focused Nursing Theory class. New Orleans, LA (3/20/2017; 6/26/2017).
53. Drinking water infrastructure inequality: system corrosion and the lead-pathogen nexus, LSUHSC School of Public Health Epidemiology Seminar. New Orleans, LA. (9/20/2017).
54. Drinking water infrastructure inequality: system corrosion and the lead-pathogen nexus. Lecture for Environmental Signaling class. Tulane University School of Pharmacology. New Orleans, LA (10/27/2017).
55. Toxic Metals and Halogens. Lecture for Environmental Signaling in Medicine class. Tulane University School of Pharmacology. New Orleans, LA (2/13/2018+, annually). [LINK](#)
56. Lead: environmental monitoring, blood testing and medical reporting, LSUHSC School of Nursing. Lecture for Population-Focused Nursing Theory class. New Orleans, LA (2/26/2018).
57. Chemistry of environmental pollution and how to assess its impact. Institute of Earth Systems, University of Malta, Msida, Malta (10/25/2019).
58. Flint is Family. Panel Discussion. Newcomb Art Museum of Tulane University, New Orleans LA (11/9/2019). [LINK](#), [LINK](#), [LINK](#)
59. Roadblocks to Sustainable Development in the U.S. and Louisiana. School of Geography and Sustainable Development, St. Andrews University, UK (12/17/2019).
60. A Louisiana Tale of Climate Change, Corrosion and Drinking Water Inequality. California State University- San Bernardino, San Bernardino, CA (2/6/2020)
61. A Louisiana Tale of Climate Change, Corrosion and Drinking Water Inequality. Chapman University, Orange, CA (2/10/2020).

62. The Truth Exposed: Environmental Justice and COVID-19. Center for Minority Health and Health Disparities. Xavier University, New Orleans, LA (6/17/2020).
63. Practices in physician advocacy to advance improved health and social justice. School of Medicine, Louisiana State University- Health, New Orleans, LA (6/24/2020).
64. Environmental Justice and Health Disparities. School of Public Health, Louisiana State University Health, New Orleans, LA (8/7/2020).
65. COVID-19 Impacts on Louisiana's Industrial Corridor. Department of History, Drexel University, Philadelphia, PA (8/11/2020).
66. Drinking Water Infrastructure Inequality and Consumer-Centric Solutions. Environmental Justice Series. Society of Environmental Engineers, University of Colorado at Boulder, Boulder, CO (10/19/2020). [LINK](#)
67. Environmental Justice Issues in Louisiana. Water Quality Engineering. Northeastern University. Boston, MA (10/27/2020).
68. Community-Based Participatory Research to Expose and Address Environmental Justice in Louisiana. CEE Distinguished Seminar Series, Virtual Panel Discussion, Using Community-Based Research Strategies to Exposure and Address in Environmental Justice. Department of Civil and Environmental Engineering, Northeastern University. Boston, MA (11/5/2020).
69. Drinking Water Infrastructure Inequality: Louisiana's Legacy of Lead and System Corrosion, Corruption and Environmental Injustice and a Search for Consumer-Centric Solutions. University of South Florida Water Research Seminar Series. [Online](#) (3/23/2021).
70. Developing and evaluating citizen-centric solutions to address drinking water and infrastructure injustice. Loyola University- New Orleans. Department of Biological Sciences and Environment Program. New Orleans, LA (9/30/2021).
71. Danger: Climate Change is upon is! Monthly Hallway Conversations. Hosted by the Louisiana State University School of Public Health Diversity, Equity and Inclusion Committee. New Orleans, LA (10/22/2021).
72. Ethical considerations in community-engaged research. Bi-weekly seminar. Louisiana State University Superfund Research Center, Baton Rouge LA. (10/29/2021).
73. Louisiana's legacy of corroding drinking water infrastructure and associated water contaminants: implications for environmental justice. Weekly Seminar Series, School of Biological Sciences, Louisiana Tech University, Ruston, LA. (11/1/2021).
74. Environmental Public Health: A Legacy, Its Challenges, and a Need for New Solutions. Lecture at Chalmette High., Chalmette, LA (Feb 7, 2022).
75. Research-Community Partnerships to Educate and Empower Students, Inform Stakeholders and Achieve Community Goals. LSU Dellinger Symposium: Strategies for Prompting Community Engagement in the Classroom to Achieve Environmental Justice. Baton Rouge, LA (2/23/2022).
76. Using Community-Based Research Strategies to Address Environmental Injustice. Invited lecture for Graduate Course, "Environmental Justice". Northeastern University. Online. (3/21/2022).
77. Public Health Implications of Interstate-10 Overpass. Panel presentation: Re-Imagine Claiborne: April Community Workshop. Claiborne Corridor Alliance. New Orleans, LA (4/2/2022).
78. Results from air monitoring of chloroprene and volatile organic compounds and biomonitoring of chloroprene metabolites around the Denka Performance Elastomer facility. Presentation before Concerned Citizens of St. John the Baptist Parish (CCSJ) Community Group. Reserve, LA. (4/19/2022).
79. Understanding Lead in Water and Avoidance Strategies: a US Perspective for Informed Decision-making. NIEHS Frontiers in Environmental Science and Health (FrESH) Advanced Training Course. Morehouse School of Medicine, Atlanta, GA. (June 5-12, 2022).
80. History Repeating: Environmental Disasters and the Fine Line Between Ethics and Advocacy. Invited lecture. Environmental History, University of New Orleans, New Orleans, LA (Oct 20, 2022).

PROFESSIONAL SERVICE

Committees

Study Committees

- Study Advisory Committee, LSUHSC Women and Their Children's Health Study (WaTCH) of 2010 Deepwater Horizon Oilspill R24 grant of 2010 (2018+)
- Study Advisory Committee, Culinaria Center for Food, Law, Policy and Culture and Boston U project, "Improving health in environmental justice communities with data, good food and water". (2018+)
- Study Advisory Board, LSU Disproportionate Environmental Exposome Problems in the Deep South (DEEP South) P30 grant (2020+)

National Committees and Workgroups

- Council of State and Territorial Epidemiologists' Carbon Monoxide Policy Workgroup (2009-2013)
- U.S. CDC Environmental Public Health Tracking, Cancer Workgroup (2009-2013)
- U.S. CDC Environmental Public Health Tracking, Climate Change Workgroup (2009-2013)
- U.S. CDC Environmental Public Health Tracking, Childhood Blood Lead Workgroup (2009-2013)
- U.S. CDC Environmental Public Health Tracking, Birth Defects Workgroup (2009-2013)
- U.S. CDC Environmental Public Health Tracking, Air Quality Workgroup (2009-2013)
- U.S. CDC Environmental Public Health Tracking, Water Quality Workgroup (2009-2013)
- U.S. CDC Environmental Public Health Tracking Carbon Monoxide (CO) Workgroup
- U.S. CDC Environmental Public Health Tracking, Environ. Health Profile Workgroup (2009-2013)
- U.S. CDC Environmental Public Health Tracking, Environmental Justice Workgroup (2009-2013)

State Committees and Advisory Boards

- Louisiana Clinical and Translational Science Center (LACaTS), Community Advisory Board (CAB), Community Engagement Research (CER) Committee, CER Toolkit Task Force (2021+) [LINK](#)
- Louisiana (LA) Tumor Registry Research Committee, (2017+)
- Co-founder, Louisiana Environmental Roundtable on Children's Health (2015-present)
- Advisory Board, Louisiana Environmental Public Health Tracking Program (2014-2016)
- Advisory Board, LA Healthy Homes and Childhood Lead Poisoning Prevention Program (2014-2017)
- Advisory Board, Louisiana Asthma Surveillance Collaborative (2010-2013)
- Advisory Board, Louisiana Injury Community Planning Group (2010-2013)
- Advisory Board, Louisiana Birth Defects Monitoring Network Program (2009-2013)
- Advisory Board, Louisiana Occupational Health and Injury Surveillance Program (2008-2009, 2023+)

Conference Symposium Organizer, Panel Moderator and Host Committee

- Conference Host Committee. U.S. Green Building Council (USGBC) and Green Schools National Network's (GSNN) 12th Annual Green Schools Conference, New Orleans, LA (Feb 27-Mar 1, 2023)
- Symposium Organizer. "Towards healthy resilient communities: Public health impacts of infrastructure failures during natural hazards", American Geophysical Union's Centennial Meeting, San Francisco, CA (Dec 9-13 2019)
- Panel Moderator. "Emerging challenges in the era of drinking water insecurity and inequality and the search for low-cost solutions", Division of Environmental Chemistry, American Chemical Society's 256th National Meeting, Boston, MA (Aug 19-23, 2018)

Subject Matter Expert (SME)

- Deposition on behalf of prosecution in lawsuit against Union Carbide/Dow Chemical Company ethyl acrylate leak class action lawsuit. New Orleans, LA (2014- ended 2019)
- Advised Orleans Parish School Board (OPSB) on lead water testing and filtration (June-Dec 2017)

- Advised Florida Department of Education on water testing/treatment options (Nov 2017-Oct 2018)
- Developed report and declarations for prosecution on behalf of NAACP in school desegregation lawsuits in St. John the Baptist and St. James parishes, Louisiana (2020-2021)
- **Advised State Representative Matthew Willard** on relevant science issues in preparation for the LA State House Committee on Health and Welfare hearing of HB 481, which provides relative to testing for iron in drinking water and other functions pertaining to drinking water (2021).
- **Advised Retired Army Lieutenant General Russell Honore** of the Green Army on relevant science issues in preparation for the LA State Senate Committee on Environmental Quality hearing of LA SB 20, which provides for continuous online air monitoring around certain industrial facilities (2022).
- **Advising U.S. Senator Troy Carter (LA)** on relevant science issues for federal legislation being prepared pertaining to environmental monitoring, updated standards, and cumulative risk assessments for fenceline communities. (2022+)

Editorial and Review Activities

Government and Policy Report Reviews

- Scientific Reviewer, Warren-May L, Fischbach JR, Abbott M. Informing Pittsburgh's options to address lead in water: RAND Perspectives Paper, PE-247. RAND Corporation, Santa Monica, CA. [LINK](#) (2017)
- Scientific Reviewer, Quatrevaux E. Lead exposure and infrastructure reconstruction. New Orleans Office of Inspector General, New Orleans, LA. [LINK](#) (2016-2017)
- Scientific Reviewer, Provided feedback on drinking water regulations for corrosion control for LA State Legislature. (2018)
- Scientific Reviewer, Rumpler J and Dietz E. Get the lead out: Ensuring safe drinking water for our children at school. Environment America Research and Policy Center. Washington DC. (2019) [LINK](#)

Book Reviews

- Book Proposal Reviewer, Elsevier S&T Books for Chemistry Acquisitions, Ad hoc reviewer (2018)
- Book Chapter Reviewer, Palgrave-Macmillan. "Handbook for Sustainability" (2017)

Journal Reviews

- Journal Editor, Cogent Environmental Science, Taylor and Francis Publishers (2018+)
- Journal Article Reviewer, Journal of Water and Health, Ad hoc (2019)
- Journal Article Reviewer, Metals, Ad hoc (2018)
- Journal Article Reviewer, International Journal of Environment and Pollution, Ad hoc (2017)
- Journal Article Reviewer, Citizen Science: Theory and Practice, Ad hoc (2017-2019)
- Journal Article Reviewer, International J of Environ Res and Public Health, Ad hoc (2017-2018)
- Journal Article Reviewer, J of Public Health Management and Practice, Ad hoc (2017-2019)
- Journal Article Reviewer, New Solutions J of Occup. and Environ. Health Policy, Ad hoc (2016-2018)
- Journal Article Reviewer, Ecotoxicology and Environmental Safety, Ad hoc (2016-2017)
- Journal Article Reviewer, Environment and Ecology Research, Ad hoc (2015-2017)
- Journal Article Reviewer, J of Field Actions Science (FACTS) Reports, Ad hoc (2014-2015)

Research Proposal Reviews

- Proposal Reviewer, Water Resources Research Inst., U of North Carolina (2017)
- Proposal Reviewer, Wisconsin Groundwater Coordinating Council and Univ WI Water Res. Inst (2016)
- Proposal Reviewer, Ontario Ministry of Labour Research Opportunities Proposals (2015)

Scholarships, Fellowships and Internship Application Reviews

- Scholarship Reviewer, American Public Health Association (APHA) James P. Keogh Memorial Scholarships (2015)

- Internship Reviewer, American Occupational and Environmental Clinics (AOEC) (2015-2017)
- Fellowship Reviewer, National Academy of Science's (NAS) Gulf Research Program Early-Career Research Fellowship- Human Health and Community Resilience Track (2023)

Conference Abstract Reviews

- Conference Abstract Reviewer, Water and Health Conference, Water Institute Annual Meeting (2017)
- Conference Abstract Reviewer, American Chemical Society's (ACS) National Annual Meeting (2017-2018)
- Conference Abstract Reviewer, American Public Health Assn. (APHA) Annual Mtg- Occupational Health Section (2015-2016)

UNIVERSITY SERVICE

Committees

Centers

- Louisiana Clinical and Translational Science Center, Community Advisory Board, Community Engagement Research (CER) Committee, CER Toolkit Task Force (2021+) [LINK](#)
- LSUHSC, Center for Interprofessional Education and Collaborative Practice (CIPECP) Team Up Grader (2021+)
- LSUHSC, 'Cancer Center Application for NCI-Designation' Committee (2022+)

University

- Louisiana State University Health Sciences Center (LSUHSC) Faculty Senate Appointment (2014-2017)
- LSUHSC, Faculty Senate Representative, Conflict of Interest Committee (2015-2016)
- LSUHSC, Inter-professional Education (IPE) and Curriculum Development Subcommittee (2016-2018)

School

- LSUHSC School of Public Health Culminating Experience Planning Group (2015-2016)
- LSUHSC School of Public Health Curriculum Committee, Member (2015-2017)
- LSUHSC School of Public Health Curriculum Committee, Chair (2017-2019)
- LSUHSC School of Public Health Bylaws Committee, Chair (2017-2019)
- LSUHSC School of Public Health Appointments, Promotion and Tenure Committee (2021-2022)
- LSUHSC School of Public Health Grievance Committee (2014-2016, 2016-2018, 2019-2021, 2021-2023)
- LSUHSC School of Public Health Administrative Council (2019+)
- LSUHSC School of Public Health Cancer Center Population Sciences Center Group (2022+)
- LSUHSC School of Public Health Academic Affairs (2022+)

Program

- LSUHSC School of Public Health Environ. and Occupat. Health (ENHS) Faculty Search Committee (2014)
- LSUHSC School of Public Health (SPH) ENHS Admissions Committee (2014+)
- LSUHSC SPH ENHS Program Advisor to MD/MPH students (2020+)

Hosted Presentations

- Hosted LSUHSC presentation by UCLA Professor, Michael J McGuire, author of "The Chlorine Revolution: Water Disinfection and the Fight to Save Lives" (2015)
- Co-hosted LSUHSC presentation of student research by awardees of the Association of Occupational and Environmental Clinics' Occupational Health Internship Program (OHIP) (2016)
- Hosted LSUHSC webinar series, "Lead, Water and Public Health", with skype introduction by Dr. Georges Benjamin, Executive Director of the American Public Health Association (APHA) (2017)

- Hosted LSUHSC School of Public Health presentation “Shintech and the Helis Oil Fracking Case: Comparison and Contrast” by Tulane’s Environmental Law Clinic Director Lisa Jordan (2018)

Judge

- Judge, LSUHSC School of Public Health Delta Omega Honors Research Day (2015+)
- Judge, LSUHSC Summer Research Internship Program (2016+)

Student Groups and Engagement

- LSUHSC Climate Change Interest Group [co-founder of student group] (2022+)
- Led students, faculty and community on “Walk and Talk” in Treme neighborhood with local urban planner Amy Stelly to learn about the area’s history and Highways to Boulevards campaign (Oct 15 2022)
- Led students, faculty and community on “Walk and Talk” in New Orleans East neighborhood with local advocate Tricia Blyss Wallace to learn about the history and revitalization of Lincoln Beach (Feb 25 2023)

COMMUNITY SERVICE

Board Member

- Claiborne Avenue Alliance (2022+), President [LINK](#)
- Parkview St John Community Organization (2021-2022), Secretary

Toolkit Development

- EPA Environmental Education Grant, Environmental Public Health Curriculum (2017+) [LINK](#)
- EPA Drinking Water Grant, Drinking Water Community Education Website with Louisiana Environmental Action Network (LEAN) (2019+) [LINK](#)
- Louisiana Clinical and Translational Science Center, Community Advisory Board, Community Engagement Research (CER) Committee, CER Toolkit Task Force (2021+) [LINK](#)

Community-Science Liaison

- Advised International High School on lead in water testing, and filtration (Oct 2017)
- Scientific Liaison for American Geophysical Union’s (AGU) Thriving Earth Exchange (TEX) Program to evaluate exposures and health stats for residents near I-10 corridor, New Orleans, LA [LINK](#) (2016-2019)
- Advised Water Collaborative and Green Army on drinking water bills introduced into the LA Legislative Session (2018, 2019, 2020, 2021, 2022)
- Advisor on Fox 8 News story of metals in tap water (Magnolia Water Utility, St Tammany Parish, LA) (2022)

Environmental Monitoring

- Environmental monitoringday with local primary and secondary schools (annually since 2016)
- Private well water monitoring event for flood-damaged homes, sponsored by National Science Foundation, French Settlement, LA (Oct 27-29, Nov 18-20, 2016)
- Water sampling for residents of St. Joseph and parishes of St. Bernard and St. John to evaluate lead; and report of results for presentations to policy makers (Mar-Apr, 2016)
- Water sampling of St. Joseph identified high water lead and iron levels. Results were presented to LA State Legislators. (6/2015). **Impact:** 1) LA Department of Health conducted **independent investigation** and found 22% of homes exceeded Action Level. This prompted **replacement of St. Joseph’s drinking water infrastructure**; and Governor-issued **Public Health Emergency Proclamation (Dec 16, 2016)**, [LINK](#) and [LINK](#); and **performance audit of the LA State Drinking Water Program** in 2016. ([LINK to report](#))

- Created outreach materials for Lead Safe Louisiana and LA Healthy Homes and Childhood Lead Poisoning Program (LHHCLPPP) on water filtration systems (May 2015)

Public Health Screening

- Childhood lead screening and education event, sponsored by LSUHSC, LA State Office of Public Health and Lead Safe Louisiana, Colfax, LA (April 17, 2016)
- Childhood lead screening and education event sponsored by Lead Safe Louisiana, Cease- Fire, NAACP and Walter Cohen Alumni Assoc. Central City, New Orleans, LA (June 13, 2015)
- Prostate cancer screening and education events sponsored by Louisiana Education, Early Detection and Research Program (LEED), LSUHSC. New Orleans, LA (Quarterly events). (1998-2000)

Government Presentations and Public Comments

- Presented “I-10 Health Impact” on Interstate-10 results to New Orleans City Council. Report **shared by the Congress for New Urbanism (CNU) and New York Times**. (Jan 29, 2020). [LINK](#) AND [LINK](#)
- Presented our water quality monitoring data to New Orleans Office of Inspector General (OIG) on lead spikes in water after partial lead service line replacements. Impact: Inspector General referred to results as *“the most serious thing we’ve reported on.”* **OIG issued “Lead exposure and infrastructure reconstruction”(LINK) report, which raised awareness of “imminent risk” to residents.** (June 2016-July 2017). [LINK](#), [LINK](#).
- Provided public comments to EPA on their Draft Release of “Proposed Modeling Approaches for a Health Based Benchmark for Lead in Water”. [LINK](#) (2017)
- Letter to U.S. EPA Administrator Gina McCarthy on behalf of Campaign for Lead Free Water to challenge practices of the water utilities for LCR's lead-in-water monitoring requirement. (2016)
- Comments to National Drinking Water Advisory Council regarding Lead and Copper Rule Working Group report on behalf of Campaign for Lead Free Water. (2016) [LINK](#)
- Consulted with Dr. Pat Breyse, Director of ATSDR on behalf of investigators of the LA's Santa Susana Laboratory (SSFL) 2004 Exposure Assessment Report to reconsider proposals relax clean up order (with Drs. Yoram Cohen of UCLA, and Hal Morgenstern of University of Michigan) (9/22/2015).
Impact: SSFL clean-up order left intact.

Mentor

- Regularly mentor students from The Net, a high school for struggling inner city students, New Orleans, LA (6/1/2020+)

Public Outreach and Education

- Environmental Public Health: A Legacy, Its Challenges, and a Need for New Solutions. Lecture at Chalmette High., Chalmette, LA (Feb 7, 2022).
- LSU Health Sciences Center School of Public Health, Demonstration of Traffic-Associated Air Monitoring and Citizen Science Lesson Plans with K-12 students from Lusher High, The Net High, and Homer Plessy Elementary Students, New Orleans, LA (Feb 15, 17, 22, 2022)
- Public Health Implications of Interstate-10 Overpass. Panel presentation: Re-Imagine Claiborne: April Community Workshop. Claiborne Corridor Alliance. New Orleans, LA (4/2/2022)
- Results from air monitoring of chloroprene and volatile organic compounds and biomonitoring of chloroprene metabolites around the Denka Performance Elastomer facility. Presentation before Concerned Citizens of St. John the Baptist Parish (CCSJ) Community Group. Reserve, LA. (4/19/2022).
- Panel speaker, Sewerage and Water Board: Drinking Water Issues, Justice and Beyond Community Meeting, New Orleans, LA (1/15/2020).
- Monitoring for lead in paint demo. Lakeshore High School Career Day, Mandeville, LA (Feb 28 2019)
- What's in our water? Justice and Beyond Community Meeting, New Orleans, LA (2/11/19)

- Monitoring demo. 2nd An. Community Health Festival, Torah Academy, New Orleans, LA (Jan 21 2019)
- Lead sources and solutions. Justice and Beyond Community Meetings, New Orleans, LA (Oct 2 2018)
- Girl Scout troop science demonstrations, Girls Scouts, Metairie, LA (May 13 2018)
- Monitoring Demo. 1st An. Community Health Festival, Torah Academy, New Orleans, LA (Jan 22, 2018)
- Lead in NOLA water education event. Neighbors First, New Orleans, LA (November 2 2017)
- Water filter education event. A Community Voice, New Orleans, LA (October 6 2017)
- Class on well disinfection for flood-impacted residents sponsored by National Science Foundation, French Settlement, Livingston Parish, LA (3/2017)
- LSU Health Sciences Center–Patrick Taylor Hands-On-Workshop for K-12 Students sponsored by Demo of lead tests to Mount Carmel Academy students. New Orleans, LA (Mar 9 2017)
- Lead education event, Gentilly Fest, Pontchartrain Park, New Orleans, LA (October 9 2016)
- Lead exposure education event. A Community Voice, New Orleans, LA (August 11 2016)
- Lead education event. Justice and Beyond, New Orleans, LA (August 15 2016)
- Lead education event. New Salem Baptist Church, New Orleans, LA (August 18 2016)
- Guest speaker, New Salem Baptist Church. Lead exposure prevention. New Orleans, LA (June 16 2016)
- Door-to-door outreach with area non-profits, A Community Voice, Lead Safe Louisiana and Southern United Neighborhoods, New Orleans, LA (July 17 2016)
- Guest speaker, Community Voice. How to reduce exposure to lead. New Orleans, LA (June 9 2016)
- Guest speaker, Youth Force NOLA and LSUHSC Science Youth Initiative for New Orleans high school students. New Orleans, LA (June 16 2016)
- LSU Health Sciences Center–Patrick Taylor Baptist Community Ministries Science Education and Career Workshop for high school students sponsored by LSU Health Sciences Center. (2016)
- Guest speaker, Metairie Homemakers Group. Presentation on lead effects, exposures, screening requirements, and exposure prevention. Metairie, LA (May 10 2016)
- Demo of lead tests to students from Edna Karr High School, Hahnville High School and St. Scholastica High School (Honors Biology Class). New Orleans, LA (Feb 24, Mar 23, and Apr 6 and 20 2016)
- Dillard University’s Forum Addressing the Flint Water Crisis. Interactive public discussion on Flint and New Orleans water lead study. New Orleans, LA (Feb 16 2016)
- Guest speaker, Kingsley House Head Start Program Parent Committee Meeting: New Parents as Educators Program. Lecture to parents about lead health effects, New Orleans’ water lead exposures, and ways to reduce exposures. New Orleans, LA (Feb 17 2016)
- LSU Health Sciences Center–Patrick Taylor Hands-On-Workshop for K-12 Students sponsored by LSU Health Sciences Center. Demonstration of lead tests to Hahnville High School students (Honors Biology Class). New Orleans, LA (Oct 1 2015)
- Lead Levels in New Orleans Drinking Water: Presentation of Preliminary Results. Faubourg Marigny Neighborhood Association General Meeting. New Orleans, LA (9/21/2015).
- Guest speaker, Bywater Neighborhood Association Meeting. Lead exposure awareness outreach and education. New Orleans, LA (Aug 27 2015)
- Childhood lead screening and education event sponsored by Lead Safe Louisiana and Cease-Fire. Central City, New Orleans, LA (April 18, 2015).
- LSU Health Sciences Center–Patrick Taylor Hands-On-Workshop for K-12 Students sponsored by LSU Health Sciences Center. Demonstration of lead tests to Hahnville High School students (Honors Biology Class). New Orleans, LA (Nov 14 2014)
- Walk around the Dome, National Lead Poisoning Prevention Week sponsored by LA Office of Public Health. New Orleans, LA (Oct 22 2014)
- Family Day at New Orleans Museum of Art for Lead Awareness Day, New Orleans, LA (May 24 2014)

Grant Writing

- Developed grant application to expand free music education programs for Tipitina's Foundation. Funded by Gildea Family Foundation, \$10,000, Received 2012. (Pro-bono) (Dec 2011)

MEDIA

Book

1. Goldblum J, Shaddox C. (2021). Broke in America: Seeing, Understanding, and Ending Poverty. Sea to Shining Sea. Dallas, TX: BenBella Books.

International and National Media Coverage

2. Lead in your water: Are federal tests missing poison in the pipes? NBC Nightly News, Lisa Riordan Seville, Hannah Rappleye, Stephanie Gosk, and Kevin Monahan. 8/3/2016. [LINK](#)
3. Water lead exposures, regulatory weaknesses and inadequate exposure reduction guidelines. NBC Nightly News, Stephanie Gosk. 3/16/2016 [interviewed].
4. Water utilities serving American cities use tests that downplay contamination. The Guardian, Jessica Glenza and Oliver Milman. 3/6/2016 [interviewed]. [LINK](#)
5. Jackson, Mississippi's water lead exceedance: what it means and risks. NBC Nightly News, Lisa Riordan Seville. 2/25/2016 [interviewed]. [LINK](#)
6. Lead effects, water exposures, and water utility practices which impact lead detection. Süddeutsche Zeitung, Johannes Kuhn. 4/5/2016 [interviewed].
7. Scenes from Flint.... In Jackson, Mississippi. NBC News, Lisa Riordan Seville. 2/25/2016.
8. "People are scared": Jackson, Mississippi, copes with lead alarm. NBCNews.com, Stephanie Gosk, Hannah Rappleye, Lisa Riordan Seville and Tracy Conner. 2/25/2016. [LINK](#)
9. Flint water crisis, New Orleans drinking water lead study, and regulatory issues. WWNO- National Public Radio (NPR), Ryan Kailath. 2/16/2016- reoccurring plays throughout week [interviewed at Dillard University's Forum Addressing the Flint Water Crisis].
10. Flint's water crisis raises fear over lead levels in New Orleans' drinking water because of aging lead pipes. Daily Mail UK and Associated Press, Valerie Edwards. 1/30/2016. [LINK](#)
11. Flint water in lead crisis and New Orleans lead in water study. CBS Evening News with Scott Pelley, Manuel Bojorquez 1/29/2016 [interviewed]. [LINK](#)
12. Flint crisis raises concerns over New Orleans water. CBS News, Manuel Bojorquez. 1/29/2016. [LINK](#)
13. Test lead in your water at home for free. Health CNN. 2/11/2016. [LINK](#)
14. Louisiana residents still reeling from floods now have to fear tropical storms. BuzzFeed News, John Stanton. 8/30/2016. [interviewed] [LINK](#)
15. Lead in NOLA's drinking water with Adrienne Katner. PBS Crowd and the Cloud. 4/13/2017. [LINK](#), [LINK](#)
16. Lead in New Orleans drinking water...and what can be done. PBS documentary "Cloud and the Crowd" by Nathan Tobey and Geoff Haines-Stiles. 4/13/2017 [interviewed]. [LINK](#)
17. Flooded homeowners: Free water testing kits for science. The Washington Post, Janet McConnaughey. 10/26/2017.
18. EPA gives \$1.9 million to researcher to find lead in water. CNN, Sara Ganim, 4/25/2018. [LINK](#)
19. Poison in the pipes. BuzzFeed News, Nidhi Subbaraman, 11/4/2019. [LINK](#)
20. New Orleans is not warning residents about possible lead exposure, says a scathing new report. BuzzFeed National News, Nidhi Subbaraman. 7/19/2017. [LINK](#)
21. Lead Exposure. Interview for Canadian podcast: Super Awesome Science Show, Global News, Jason Tetro, 11/26/2019. [LINK](#)
22. Claiborne Avenue Corridor and the I-10. CNN, Lamar Salter. 4/10/2015 [interviewed].
23. FAQs on environmental conditions of St. John the Baptist Parish public schools. NAACP. 2/23/2021. [study quoted]. [LINK](#)

24. America has long favored cars over trains and buses. Can Biden change that? New York Times, Nadja Popovich. 4/13/2021. [LINK](#) [interviewed]
25. A month without water in Jackson, Mississippi, struggling residents fear next outage. NBC News, Bracey Harris. 4/12/2021. [interviewed] [LINK](#)
26. The Claiborne Corridor Project: Thriving Earth Exchange. Science and the Media Project. Louise Lief. 4/16/2021. [interviewed] [LINK](#)
27. Community Science Health Advances Local Goals. American Association for the Advancement of Science (AAAS). Andrea Korte. 5/4/2021. [LINK](#) AND [LINK](#)
28. Can removing highways fix American cities? The New York Times, Nadja Popovich. 5/27/2021. [interviewed and link to study] [LINK](#)
29. Lead in drinking water issues. Wade's World. KABF: The Voice of the People, Wade Rathke. 9/2/2022. [radio interview] [LINK](#)
30. Water, water everywhere, but is it safe to drink? The Chief Organizer Blog, Wade Rathke. 9/8/2022. [LINK](#)

State and Local Media Coverage

31. Nine UCSC students receive scholarships. Santa Cruz Sentinel. 11/1993. [LINK](#)
32. Rocketdyne ruckus. Los Angeles Times, Amanda Covarrubias. 12/2002 [interviewed]. [LINK](#)
33. UCLA reports initial lab findings. Daily News, Louisiana, Lisa Mascaro. 8/2003. [LINK](#)
34. Fake eyelashes have doctors asking consumers to take second glance. WDSU-TV, LaTonya Norton 11/3/14. [LINK](#)
35. Face the truth on Santa Susana Lab. Ventura County Star. Yoram Cohen and Hal Morgenstern, 10/4/2015 [LINK](#)
36. Field Lab Risks. Ventura County Star, Abe Weitzberg. 10/15/2015.
37. ATSDR bows out of Santa Susana Field Lab probe. EnviroReporter, Michael Collins. 12/8/2015. [LINK](#)
38. Lead and the NOLA lead in water study. WHIV. NOLA Matters Radio Show, Mark Alain Dery. 12/21/2015
39. Flint crisis raises concerns over New Orleans water. KLFY, Forrest McBride. 1/29/2016. [LINK](#)
40. New Orleans Lead in Drinking Water study. WWL Radio First News, Tommy Tucker 2/1/2016 [LINK](#)
41. New Orleans water lead study and water lead levels. WWL Radio First News, Garland Robinette 2/2/2016. [LINK](#)
42. New Orleans Lead Drinking Water study. WWL-TV News, Meg Farris. 2/10/2016. [LINK](#)
43. Home water filters can remove dangerous lead from tap water. Times Picayune, Maryann Miller. 3/16/2016 [LINK](#)
44. How much lead in in New Orleans tap water? New Orleans Times Picayune, Susan Langenhennig. 3/16/2016 [LINK](#)
45. Lead levels in New Orleans water. TV interview for Fox 8 WVUE News. Liz Reyes. 4/20/2018. [interviewed].
46. LSU researchers keep close eye on lead problem. Fox 8 News. Natasha Robin 4/26/2016 [LINK](#), [LINK](#), [LINK](#)
47. Researchers say lead levels in local water very concerning. WWL-TV. Meg Faris. 4/26/2016. [LINK](#)
48. Lead concerns. WWL Radio First News, Tommy Tucker 4/27/2016 [interviewed]. [LINK](#)
49. LA water systems would not meet proposed lead standards. Times Picayune, Mark Schleifstein 4/29/2016. [LINK](#)
50. New Orleans homes test high for lead in water. Times Picayune, Mark Schleifstein. 4/29/2016. [LINK](#)
51. Iron in local water supplies could cause health problems. WWL-TV Nightly News, Katie Moore 5/5/2016. [LINK](#)
52. Less lead in New Orleans soils, children's blood, 10 years after Katrina:study. Times Picayune, Mark Schleifstein. 7/26/2016. [LINK](#)
53. IG's Office to tackle drinking water, police retention, court operations. Advocate, Jeff Adelson. 9/1/2016. [LINK](#)
54. Well contamination from August's floods could pose health problem for rural residents. Advocate, Steve Hardy. 2/25/2017. [LINK](#)
55. S&WB investigation. FOX Local News by Kimberly Curth, Thomas Wright, Lee Zurik. 4/18/2017 [interview].
56. New Orleans road work could raise lead levels in your water, officials warn. Times Picayune, Jennifer Larino. 7/12/2017. [LINK](#)
57. Fox 8 investigates: Lead found in hundreds of N.O. water lines. Fox 8 Local First, Kimberly Curth, Tom Wright. 7/18/2017. [LINK](#)
58. How to combat lead in your drinking water. WWL-TV, Meg Farris. 7/19/2017. [LINK](#)
59. OIG criticizes S&WB over lead; utility fighting back. Fox 8 Local First, Kimberly Kurth, Tom Wright, 7/25/2017. [LINK](#)
60. New Orleans school districts scrapped plans to test water for lead: The new plan: install filters. The Lens, Marta Jewson, 8/22/2017. [LINK](#)

61. Water filters to protect against lead will be installed at most New Orleans schools this Fall. The New Orleans Advocate. 8/26/2017. [LINK](#)
62. Report says U.S. could save billions by spending money to reduce childhood lead exposure. The Lens, Kerry Nix. 8/31/2017. [LINK](#)
63. Virginia Tech receives \$600,000 in federal funding to solve more lead in water issues. WDBJ7, Eamon. O'Meara. 9/28/2017. [LINK](#)
64. Plans to test school drinking water for lead were abandoned after water board raised questions. The Lens, Marta Jewson. 10/10/2017. [LINK](#)
65. Plan to test schools for lead in water lost steam after S&WB pushback: report. Times Picayune, Jennifer Larino. 10/11/2017. [LINK](#)
66. Flint water crisis team brings relief to well owners following hurricanes Harvey and Irma. Augusta Free Press. 10/18/2017. [LINK](#)
67. Member from Flint Water Crisis team brings relief to well owners following Hurricanes Harvey and Irma. CBS FOX 59 WVNSTV, Valerie Sullivan. 10/18/2017. [LINK](#)
68. New Orleans schools will wait longer for filters to screen lead from drinking water. The Lens NOLA, Marta Jewson. 11/29/2017. [LINK](#)
69. 'It freaked me out' Green water flows through thawing frozen pipes. Times Picayune, Beau Evans. 1/17/17.
70. VA Tech awarded \$1.9 million to research safety of drinking water. WSLS News, Alison Wickline 4/25/2018. [LINK](#)
71. VA Tech team gets EPA grant to engineer citizen-science water quality project. Roanoke Times, Robby Korth. 4/25/2018. [LINK](#)
72. The VA Tech water study team called heroes for efforts in Flint just got a big boost from the EPA. Bristol Herald Courier Robby Korth. 4/25/2018. [LINK](#)
73. Flushing water lines might not lower lead levels in your drinking water, study says. New Orleans Times Picayune, Maria Clark. 7/24/2018. [LINK](#)
74. Is flushing water lines the best way to lower lead levels? LSU Health study says no. WGNO, WGNO Web Desk. 7/24/2019. [LINK](#)
75. Lead reducing water filters installed at Orleans Parish Schools. FOX 8 Local First, Kimberly Curth, 8/24/2018. [LINK](#)
76. Study says current flushing guidelines for drinking water could increase lead exposure. Fox 8 Live, Kimberly Kurth. 7/25/2018. [LINK](#)
77. New Orleans' water system would have to offer timeline for removal of lead pipes under this proposed law. New Orleans Advocate, Jeff Adelson. 10/25/2018. [LINK](#)
78. Citizens and experts join forces to warn about dangers of lead in water. 4WWL CBS, Meg Farris. 10/25/2018. [LINK](#), [LINK](#)
79. FOX 8 uncovers lead water levels in some area schools are higher than pediatricians recommend. FOX 8 Local First, Kimberly Kurth. 11/19/2018. [LINK](#)
80. Fox 8 investigation uncovers high lead, copper results at North Shore school. FOX 8 Local First, Kimberly Kurth. 11/19/2018. [LINK](#)
81. Research team will study novel approaches to improve urban planning and response to hurricanes and flooding. University of Houston, Marilyn Howard Jones 11/28/2018. [LINK](#)
82. Concerns about lead in New Orleans water. Fox 8 Local First, Kimberly Curth. 12/14/2018. [LINK](#)
83. State leaders and agencies aim to fix Louisiana's water problems. WWL-TV, Caresse Jackman. 2/11/2019. [LINK](#)
84. Algiers drinking water safe despite missing state health mark. Times Picayune, Beau Evans. 4/2/2019. [LINK](#)
85. What that card about your water in Algiers means. WWL-TV, Paul Murphy. 4/3/2019. [LINK](#)
86. Fourth graders launch weather balloon to photo-document traffic-related pollutants along Claiborne Corridor. WDSU News, WDSU Digital Team 5/13/2019. [LINK](#)
87. Claiborne Expressway, Through the Eyes of Fourth Graders. 89.9 WWNO, Jess Clark, 5/16/2019. [LINK](#)
88. Enterprise residents participate in water filter program. Catahoula News Booster, 172(29):1-14. 7/17/2019. [LINK](#)
89. Research team will study novel approaches to improve urban planning and response to hurricanes and flooding. University of Houston, Marilyn Howard Jones 11/28/2018. [LINK](#)
90. Closing in on startup, YCI plant faces pushback over proposed water discharges in river, canal. The Advocate, David J Mitchell 9/13/2020. [LINK](#)
91. New Orleans hopes Biden's infrastructure plan will help eliminate lead pipes, lead in soil. WWL-TV, Paul Murphy, 5/6/2021. [LINK](#)

92. Sulphur's brown water catches attention of a national environmental activist" Erin Brokovitch says Louisiana city's water 'looks like another Flint'. Louisiana Illuminator, Sara Sneath. 6/2/2021. [LINK](#)
93. 'Drinking Through a Lead Straw' \$15 B approved to fix dangerous water pipes. KHN, Sandy West. 11/8/2021. [LINK](#)
94. Potential cancer-causing chemicals were emitted by Denka during its Ida closure, study says. WWNO, Kezia Setyawan. 4/15/2022. [LINK](#)
95. This plant emits a chemical that likely causes cancer even when it's closed, LSU research says. The Advocate, David J. Mitchell. 4/11/2022. [LINK](#)
96. Chloroprene detected while plant was not operating. L'Observateur, Brooke Cantrelle. 4/12/2022. [LINK](#)

Trade Journal Coverage

97. Combination of cytotoxic and antiangiogenic agents diminished renal carcinoma. Gene Therapy Weekly, Sonia Nickols. 11/2002. [LINK](#)
98. Data on gene therapy discussed by I.J. Frew. Gene Therapy Weekly. 9/18/2008. [LINK](#)
99. Scientists target cancer gene therapy. Gene Therapy Weekly. 6/23/2011. [LINK](#)
100. New cancer gene therapy study findings have been reported by scientists at Kumamoto University. Gene Therapy Weekly. 5/3/2012. [LINK](#)
101. LSU Assistant Professor to use new method of testing lead level in tap water. Association of Schools and Programs of Public Health Connect Newsletter, Faculty and Staff Honors 10/1/2014. [LINK](#)
102. LSUHSC lead water study. Preservation in Print. Preservation Resource Center of New Orleans 11/2014.
103. ASPPH report in Friday Letter: "LSU environmental health professor named one of "Katrina Heroes" Association of Schools and Programs of Public Health (ASPPH). 8/14/2015. [LINK](#)
104. Flint, MI and the need for Lead and Copper Rule revisions. TU Water Ways. Tulane Institute on Water Resources Law and Policy, Adrienne Katner. 10/20/2015. [LINK](#)
105. Group decries EPA inaction on Philadelphia lead tests. Environment and Energy, Tiffany Stecker 6/23/2016
106. LSU Health offering free well water testing in flood-affected areas. LA Water Resources Research Institute. 10/29/2016. [LINK](#)
107. Repairing leaks in drinking water regulations. The Regulatory Review, Bryan C. Williamson. 5/25/2017. [LINK](#)
108. Undermanned EPA delays action on lead in drinking water. WaterNews, Brett Walton, 8/17/2017. [LINK](#)
109. Clean water warrior wins 2017 ENR Award of Excellence. Engineering Ethics, Pam Russell. 4/13/2017. [LINK](#)
110. Fighting for justice where geoscience meets public health. Thriving Earth Exchange. Thriving Earth Exchange, American Geophysical Union, 7/9/2018. [LINK](#)
111. Citizen science water monitoring program empowers the public. Environ. Monitor, Karla Lant. 7/13/2018. [LINK](#)
112. Study finds flushing water lines protects inconsistently and may increase lead exposure. Phys.Org 7/23/2018. [LINK](#)
113. Flushing may not get the lead out of water lines. Medical Research, Marie Benz. 7/24/2018. [LINK](#)
114. Flushing water pipes can increase lead exposure. Treehugger, Christine Lepisto. 7/24/2018. [LINK](#)
115. Lead flushing may not be effective at reducing contamination. Water Quality Products (WQP). 7/26/2018. [LINK](#)
116. Flushing guidelines may increase lead risk, study says. Water Online, Sara Jerome. 7/31/2018. [LINK](#)
117. Chemistry on tap. Bayou Chemist: Newsletter of LA Local Section of the American Chemical Society, Michael Santiago, 11/2/2018
118. Resilience and community: Learning about environmental disasters and injustices in Louisiana. Duke Human Rights Center, Franklin Humanities Institute, Elizabeth Allen and Laura Landes. 5/14/2019. [LINK](#)
119. LSU Health NO collaboration working to improve drinking water safety. Healthcare Journal of New Orleans. Leslie Capo, 10/5/2019. [LINK](#)
120. Study finds flushing water lines protects inconsistently, may increase lead exposure. Healthcare Journal of New Orleans. Betty Back, 10/5/2019. [LINK](#)
121. Water utilities continue battle against lead in their systems. Engineering News-Record. Pam McFarland, 5/13/2020. [LINK](#)

Digital Media Coverage

122. Spotlight: Louisiana State University Health. National Center for Healthy Housing. 2020 [LINK](#)
123. Newcomb Art Museum to host public forum on lead featuring Tulane faculty. Tulane. 11/6/2019. [LINK](#)
124. Notes from the field with Adrienne Katner. American Geophysical Union' Thriving Earth Exchange. 6/26/2019. [LINK](#)
125. Lead in New Orleans' drinking water raises concerns. Opposing Views, Kathryn Schroeder. 1/30/2016. [LINK](#)

126. Clean water for St. Joseph, LA: A victory. Flint Water Study, Anurag Mantha. 12/17/2016. [LINK](#)
127. St. Joseph water emergency. Flint Water Study. Laurel Strom. 1/19/2017. [LINK](#)
128. Flushing water pipes can increase lead exposure. Treehugger, Christine Lepisto. 7/24/2018. [LINK](#)
129. Claiborne Avenue Alliance leads Corridor tour. Thriving Earth Exchange, Sarah Wilkins. 10/24/2018. [LINK](#)
130. After hurricanes, pollution hazards for private well water wells in the southeast. Circle of Blue, Brett Walton, 11/2/2018. [LINK](#)
131. Are the fish safe to eat? Daily Comet, Nikki Buskey. 2/2009 [interviewed]. [LINK](#)
132. Wearing lead glasses: Lead contamination in New Orleans and beyond. Places, Thomas Beller. 5/28/2019. [LINK](#)
133. LSU School of Public Health and Partners Monitor the I-10 Environment with Phyllis Wheatley Students. Thriving Earth Exchange. 5/13/2019. [LINK](#)
134. Solutions to the humanitarian crisis in Gaza can only succeed if occupation ends. Fair Observer, Hasheemah Afenah. 11/22/2019. [LINK](#)
135. Community science helps advance goals. American Association for the Advancement of Science (AAAS). 5/18/2021. [LINK](#)
136. Gulf Research Program announces inaugural early-career research fellows for the new human health and community resilience track. National Academies of Science. 6/27/2021. [LINK](#)
137. "We're beyond being studied"; Learnings from New Orleans communities. Thriving Earth Exchange. American Geophysical Union. 1/16/2022. [LINK](#)

DEVELOPMENT ACTIVITIES

Training Workshops, Professional Courses, Certifications and Symposia

- First Aid/CPR, Certification- 1993, 2000; UC Santa Cruz and LSU Health Sciences Center (1993, 2000)
- Radiological Safety Training, LSU Health Sciences Center (1995)
- Strategic National Stockpile, LA Office of Public Health, Dept. of Health and Hospitals (2007)
- ArcGIS Desktop III: GIS Workflows and Analysis, ESRI (2007)
- SAS Programming 1: Essentials, SAS (2007)
- SAS Enterprise Guide 1: Querying and Reporting, SAS (2008)
- Single Resources and Initial Action Incident (ICS-200b), Emergency Manag. Inst., FEMA (2008)
- National Response Framework (IS-800b), Emergency Management Institute, FEMA (2008)
- National Incident Management (NIMS) (IS-00700): Emergency Management Inst., FEMA (2008)
- Introduction to Incident Command (ICS 100): Emergency Management Institute, FEMA (2008)
- Environmental Public Health Tracking 101, CDC (2009)
- Working with ArcGIS Network Analyst, ESRI (2009)
- Microsoft Windows SharePoint Foundation (2010)
- Introduction to Grant Writing, State of LA Office of Community Development (2010)
- Beyond Where: Using Regression Analysis to Explore Why, ESRI (2011)
- Introduction to Spatial Pattern Analysis, ESRI (2012)
- Emergency Responder Health Monitoring and Surveillance (ERHMS), CDC (2013)
- Community Assessment in Public Health Emergency Response (CASPER), CDC (2013)
- Back to Basics Summer Teaching Institute, LSU Health Sciences Center (2014)
- Certified Industrial Hygienist Review, Univ. of Iowa Division of Continuing Education (2014)
- American Board of Industrial Hygiene Ethics Requirement Certification, Bowen EHS (2014)
- National Training on Toxics Releases Inventory, US EPA. Arlington, VA (2014)
- Community-Based Participatory Research (CBPR) Training, LA Healthy Communities Coalition. (2015)
- Technical Certification: Skills Review for ArcGIS Desktop Associate (Ver 10.1), ESRI (2015)
- Spring Symposium and Faculty Development Day, LSU Health Sciences Center (2015)
- Community Based Participatory Research (CBPR) Training, LA Clinical and Translational Science Center (LA CaTS) (Jan- June, 2017)

