

ADRIENNE L. KATNER

Assistant Professor

Curriculum vitae- Abbreviated

Louisiana State University Health Sciences
Center, School of Public Health, Environmental
& Occupational Health Sci. Program
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EDUCATION

- 2011 DOCTOR OF ENVIRONMENTAL SCIENCE & ENGINEERING (DEnv)**
Graduate School of Public Health, UCLA, Los Angeles, CA
Committee: Irwin (Mel) Suffet, Richard Ambrose, Jenny Jay, Deborah Glik
Dissertation: "Assessment of Louisiana's Fish Tissue Mercury Levels, Sportfish Consumption, Methylmercury Intake and Potential Risk: Implications for Monitoring, Advisory Development and Outreach"
- 1998 MASTER OF SCIENCE-SOIL, WATER & ENVIRONMENTAL SCIENCE (MS)**
Graduate School of Agriculture, University of Arizona, Tucson, AZ
Committee: Charles Gerba, Ian Pepper, Kelly Reynolds
Thesis: "Evaluation of an Integrated Cell Culture-Polymerase Chain Reaction Method for the Detection of Live Enteroviruses in Groundwater Impacted by Reclaimed Wastewater"
- 1994 BACHELOR OF ARTS-MOLECULAR, CELLULAR & DEVELOPMENTAL BIOLOGY (BA)**
Undergraduate School of Biological Sciences, UC Santa Cruz, Santa Cruz, CA
Advisors: William Sullivan, Martin Feldman, John Tamkun
Thesis: "Classical Genetic Analyses to Identify Homeobox Genes and Temperature Shift-Sensitive Maternal Zygotic Mutations in *Drosophila melanogaster*"

PROFESSIONAL APPOINTMENTS AND EMPLOYMENT

2014-Present ASSISTANT PROFESSOR

Louisiana State University Health Sciences Center, School of Public Health
Environmental and Occupational Health Sciences Program, New Orleans, LA
(1/2014-Present)

- Principal Investigator of 2 grants within 1st two years (\$125,502- 14.4% of effort) and Co-Investigator of 1 grant (\$199,996- 2% of effort)
- Course Director for "Introduction to Occupational Health" and "Environmental Policy and Public Health"
- 113 citations of published work as of 7/2015

2006-2013 ENVIRONMENTAL HEALTH SCIENTIST

Louisiana Department of Health and Hospitals, Office of Public Health
Section of Environmental Epidemiology & Toxicology (SEET), New Orleans, LA
(11/2006- 12/2013)

- Principal Investigator, 3.4 million CDC Environmental Public Health Tracking Grant
- Program Manager: Environmental Public Health Tracking; Fish Advisories; Occupational Health; Adult Blood Lead Epidemiology and Surveillance (ABLES); Heavy Metal and Carbon Monoxide Surveillance; and Pesticide Exposure and Surveillance Programs
- Notable projects: Contributed to exposure and health assessments for Chinese drywall; updated the state's Fish Advisory Protocol; and assisted with the state seafood sampling plan for BP Gulf oil spill.
- Duties: Surveillance; outreach; risk assessment; policy development; study design; data analysis; website design; press releases; GIS (mapping); emergency response; grants/contracts; program development/oversight; supervision of staff/contractors; financial reporting

2013 ADJUNCT ASSISTANT PROFESSOR

Louisiana State University Health Sciences Center, School of Public Health
Environmental and Occupational Health Sciences Program, New Orleans, LA
(7/2013-12/2013)

- Guest Lecturer and Public Health Prospectus Advisor

2012-2013 ADJUNCT ASSISTANT PROFESSOR

Delgado Community College, Biology Department, New Orleans, La (9/2012-12/2013)

- Course Director, Biology Laboratory I

2005-2006 RESEARCH FELLOW

National Institutes of Health (NIH), National Cancer Institute (NCI)
Occupational & Environmental Epidemiology Branch (OEEB), Rockville, MD
(3/2005- 11/2006)

- Conducted retrospective dioxin and solvent exposure assessment for national case-control study on non-Hodgkin Lymphoma (NHL). Results laid the groundwork for research investigating associations between NHL and industrial releases, and was acknowledged in subsequent NIH publications.
- Duties: GIS mapping, exposure modeling, spatial analysis, decision modeling

PUBLICATIONS

Book Chapters

1. Cohen Y, **Katner A**. Improvement of Risk Assessments for Multi-contaminant Sites in the Face of Critical Data Gaps. **2007**. *Risk Assessment for Environmental Health*. Ch 17, p 489-509. Eds. Robson, M., and W. Toscano. Jossey- Bass, San Francisco, CA [LINK](#)

Refereed Journal Articles

1. **Katner A**. **2015**. Prioritization of Louisiana parishes based on industrial releases of known or suspected carcinogens. *J. of LA State Med. Soc.* Vol 167(3): 122-128.
2. **Katner A**, Lackovic M, Streva K, Paul V, Trachtman C. **2015**. Evaluation of available data sources to prioritize parishes for arsenic monitoring and outreach related to private well water. *J Pub Health Management and Practice*, Mar.-Apr., Vol 21(2):S93-S101. [LINK](#)
3. **Katner A**, Sun MH, Suffet M. **2013**. A methylmercury risk screening assessment to identify fish species and populations of potential concern. *Public Health Frontier*. Sept, Vol. 2(3): 156-165.
4. **Katner A**, Peak K, Sun MH, Badakhsh R. Woods. **2012**. Emergency department visits for carbon monoxide poisoning in LA. *J. of LA State Med. Soc.* Vol 164(6): 306-310. [LINK](#)
5. **Katner A**, Ogunyinka E, Sun MH, Lavergne L, Suffet M. **2011**. Fishing, fish consumption and advisory awareness among Louisiana's recreational fishers. *Env. Res.* 111(8):1037-1045. [LINK](#)
6. **Katner A**, Sun MH, Suffet M. **2010**. An evaluation of mercury levels in Louisiana fish: Trends and public health issues. *Sci. Tot. Environ.* 408:5707-5714. [LINK](#)
7. Ahsan SA, Lackovic M, **Katner A**, Palermo C. **2009**. Metal fume fever: review of the literature and cases reported to the LA Poison Control Center. *J of LA State Med. Soc.* 161(6): 348-351. [LINK](#)
8. 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. *J Nat Med. Assoc*, 97(10) 1379-1385. [LINK](#)
9. 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. [LINK](#)
10. **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, ('02). [LINK](#)
11. **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. *J. Urol.*168 (2):766-773. [LINK](#)

Research Reports (Peer-reviewed)

1. Alexia D, Aubin K, Dugas D, Soileau S, **Katner A**. Assessment of Health Hazards Related to Indoor Copper Corrosion Possibly Associated with Imported Drywall. Louisiana Office of Public Health, Section of Environmental Epidemiology and Toxicology Report to the Secretary of Louisiana Department of Health and Hospitals (**2011**).
2. Aubin K, **Katner A**, Soileau S, Dugas D. Evaluation of St. Charles Parish Hospital Emergency Department Visits after DOW's Ethyl Acrylate Release. Louisiana Office of Public Health, Section of Environmental Epidemiology and Toxicology Report to the Secretary of Louisiana Department of Health and Hospitals (**2009**).
3. Aubin K, Olexia D, **Katner A**. Letter Health Consultation: Union Carbide, St. Charles Parish, Louisiana. Louisiana Office of Public Health, Section of Environmental Epidemiology and Toxicology Report to the US Agency for Toxic Substances and Disease Registry (ATSDR) (**2009**). [LINK](#)
4. 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: Issues and Results. Report to the Association of State and Territorial Health Officials' (ASTHO) State-to-State Peer Fellowship Program. (**2009**). [LINK](#)
5. **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**).
6. Cohen Y, Harmon T, Glik D, **Katner A**, Grifoll J, Wheeler N, Chinkin L, Ryan P. The Potential for Offsite Exposures Associated with Santa Susana Field Laboratory, Ventura County, CA. Center for Environmental Risk Reduction, UCLA Report to the US Agency for Toxic Substances and Disease Registry (ATSDR) (**2006**). [LINK](#)
7. Soil Aquifer Treatment for Sustainable Water Reuse. Ed. Fox P, American Water Works Association (AWWA) and AWWA Research Foundation. Denver, CO (**2001**). [LINK](#)

Other Journal Publications (Not peer-reviewed)

1. **Katner A**, Clarke C, Williams E. **2012**. Blood lead surveillance in children and adults- Louisiana, *LA Morbidity Report*, Jan-Feb., Vol 24(1):4-6.
2. McCormick M, **Katner A**, Soileau S, Locklin C, Badakhsh R, Lackovic M, Palermo C, White L, Dugas D. 2008. Blood mercury levels, Louisiana, 2007. *LA Morbidity Report*. Vol 19 (6): 1-6. [LINK](#)
3. **Katner A**, Soileau S, Dugas D, Ratard R. **2008**. Mercury levels in seafood: caught vs. bought- Louisiana, 2007. *LA Morbidity Report*. Vol 19 (1): 2-3. [LINK](#)
4. Locklin C, Lackovic M, **Katner A**, Soileau S, Dugas D. 2007. Adult blood lead testing in Louisiana. *LA Morbidity Report*. Vol 19(4)1-3. [LINK](#)

Government Studies and Technical Reports

1. **Katner A.** Louisiana Community Environmental Health Profiles. Louisiana Department of Health and Hospitals. Baton Rouge, LA (**2015**).
2. **Katner A**, Streva 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](#)
3. **Katner A**, Streva K, Sun MH, Paul V. Asthma: Hospitalizations and Emergency Department Visits, Louisiana. Louisiana Department of Health and Hospitals. Baton Rouge, LA (**2013**). [LINK](#)
4. **Katner A**, Streva K, Sun MH, Paul V. Heart Attacks: Hospitalizations, Louisiana. Louisiana Department of Health and Hospitals. Baton Rouge, LA (**2013**). [LINK](#)
5. **Katner A**, Streva K, Sun MH, Paul V. Birth Defects, Louisiana. Louisiana Department of Health and Hospitals. Baton Rouge, LA (2013). [LINK](#)
6. **Katner A**, Streva K, Sun MH, Paul V. Carbon Monoxide Poisoning: Hospitalizations, Emergency Department Visits and Deaths in Louisiana. Louisiana Department of Health and Hospitals. Baton Rouge, LA (**2013**). [LINK](#)
7. **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](#)
8. Lackovic M, **Katner A**. Summary of Pesticide Surveillance Data: Louisiana, 2006-2011. Louisiana Department of Health and Hospitals. Baton Rouge, LA (**2013**). [LINK](#)
9. **Katner A**, Streva K, Sun MH, Paul V. Heat Vulnerability in Louisiana. Louisiana Department of Health and Hospitals. Baton Rouge, LA (**2012**). [LINK](#)
10. **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](#)
11. Metadata Creation and Usability Whitepaper: A Primer for Content Creation, Searchability and Messaging. US Centers for Disease Control and Prevention, Environmental Public Health Tracking Program. Atlanta, GE (**2012**). [LINK](#)
12. **Katner A**, Streva K, Sun MH, Paul V. Lead Poisoning (Childhood): Risk Factors, Louisiana. Louisiana Department of Health and Hospitals. Baton Rouge, LA (**2011**). [LINK](#)
13. **Katner A**, Streva K, Sun MH, Paul V. Lead Poisoning (Childhood): Blood Testing, Louisiana. Louisiana Department of Health and Hospitals. Baton Rouge, LA (**2011**). [LINK](#)
14. LA Seafood Safety Response and Quality Certification Plan: Post-Mississippi Canyon 252 Oil Spill. LA Depts. of Health and Hospitals, Environmental Health, Agriculture and Forestry, Wildlife and Fisheries. Baton Rouge, LA (**2011**).
15. Protocol for Issuing Public Health Advisories for Chemical Contaminants in Recreationally Caught Fish and Shellfish. LA Depts. of Health and Hospitals, Environmental Health, Wildlife and Fisheries. Baton Rouge, LA (**2011**). [LINK](#)

16. **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).

Conference Proceedings

1. **Katner A**. Policy lapses and recommendations for addressing childhood lead poisoning in New Orleans. Proceedings of the Xavier University College of Pharmacy 8th Health Disparities Conference. New Orleans, LA (2015).
2. **Katner A**. Evaluation of the success of information disclosure on reducing environmental releases of known and suspected carcinogens in Louisiana. Proceedings of the Annual Meeting of the American Public Health Association, New Orleans, LA (2014).
3. **Katner A**. Evaluation of available data sources to identify potential arsenic hotspots. Annual Meeting of the American Public Health Association, New Orleans, LA (2014).
4. Lackovic M, **Katner A**, Streva K. Evaluation of arsenic data to prioritize outreach and monitoring activities for private wells in Louisiana. Proceedings of the Annual Meeting of the American Public Health Association, New Orleans, LA (2014).
5. Lackovic M, **Katner A**, Lewis J, Paul V. Occupational heat-related illness, Louisiana 2010-2011. Proceedings of the Annual Meeting of the American Public Health Association, New Orleans, LA (2014).
6. **Katner A**. Evaluation of the success of public disclosure on reducing environmental releases of known and suspected carcinogens in Louisiana. Proceedings of the Annual Meeting of the Louisiana Cancer Research Consortium. New Orleans, LA. (2014).
7. 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 (2014).
8. Ramson M, Williams E, **Katner A**. Impact of environmental and occupational health programs in Louisiana. Proceedings of the Louisiana Public Health Association Annual Conference. Lafayette, LA (2012).
9. 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 (2012).
10. **Katner A**. Louisiana's fish advisory program: assumptions and fish-tissue mercury levels. Proceedings of the EPA National Forum on Contaminants in Fish, Portland, Oregon (2009). [LINK](#)
11. **Katner A**, Soileau S, Piehler C. Evaluation of spatiotemporal variation in LA's fish-tissue mercury concentrations. Proceedings of the EPA National Forum on Contaminants in Fish, Portland, Maine (2007).
12. **Katner A**, Nuckols JR. An evaluation of potential public health risks from industry-released air toxics in LA using the EPA's Risk Screening Environmental Indicators (RSEI)

model. Proceedings of the International Society for Environmental Epidemiology / International Society of Exposure Analysis Annual Joint Conference, Washington DC (2005).

13. **Katner A**, Divan H, Ward M, Nuckols JR. Using GIS to evaluate environmental exposures to solvent releases and risk of non-Hodgkin Lymphoma. Proceedings of the National Institutes of Health, National Cancer Institute Annual Research Conference, Rockville, MD (2005).
14. **Katner A**, Cohen Y. Environmental impact assessment of a multiuse industrial facility: scientific rigor, uncertainty, and participation of stakeholders. Proceedings of the Annual Conference of the American Institute of Chemical Engineers, Cincinnati, OH (2005).
15. **Katner A**, Cohen Y. Risk assessments in the face of critical data gaps: involvement of stakeholders and establishing trust. Proceedings of the Annual Meeting of the Society for Risk Analysis, Palm Springs, CA (2004).
16. Cohen Y, **Katner A**. Environmental impact assessments: scientific rigor, objectivity, uncertainties, transparency and effective participation of stakeholders. Proceedings of the Environmental Health Risk Assessment: Assessment, Management and Communication Conference, Minnesota, MN (2004). [LINK](#)
17. Gootam P, **Katner A**, Hoang P, Rayford W. Induction of tumor suppression in renal carcinoma infected mice by p27^(Kip1) induction. Proceedings of the 96th Annual Conference of the American Urological Association, Atlanta, GA (2001).
18. 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, FLA (2000).
19. **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. Proceedings of the Annual Meeting of the American Urological Association, Atlanta, GA (2000).
20. **Katner A**, Gerba CP. Evaluation of PCR for detection of enteroviruses in groundwater impacted by reclaimed wastewater. Proceedings of the 98th Conference of the General American Society of Microbiology, Atlanta, GA (1998).
21. Roy MT, **Katner A**, Freistadt MS. Strategy to identify the host cell surface receptor for Human T-Cell Lymphotropic Virus-I. Proceedings of the 16th Annual Meeting for the American Association for Virology. Bozeman, MT (1997).

Acknowledged Contribution

1. 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. 2010 January; 110(1): 70–78. [LINK](#)

HONORS/AWARDS

- 2015 Environmental Justice Award, presented at the Katrina Heroes Award 10 Year Commemoration. Sponsored by the New Orleans non-profit 'A Community Voice' for 'those who have made a difference, who have fought for equity in rebuilding and for a return of schools and services to low to moderate income neighborhoods'.
- 2015 Service Recognition, presented by Louisiana Office of Public Health, Healthy Homes and Childhood Lead Poisoning Prevention Program Advisory Board for service to the state in support of reducing childhood lead poisoning.
- 2012 Ranked #1 of Top Twenty BioMedLib Articles in field since publication (2011) for "Fishing, fish consumption and advisory awareness among LA's recreational fishers", University of California at Los Angeles.
- 2012 Listed in LA Dept. of Health and Hospitals "Employee Appreciation Profiles", Louisiana Department of Health and Hospitals, Office of Public Health.
- 2006 Dissertation Yr. Fellowship, University of California at Los Angeles.
- 2005 Cancer Research Training Award Fellowship, National Cancer Institute.
- 2004 Public Health Student Association Scholarship, University of California at Los Angeles.
- 2004 William & Flora Hewlett Foundation Scholarship, University of California at Los Angeles.
- 2002 Chancellor's Fellowship, 4 years, University of California at Los Angeles.
- 2000 Cancer Association of Greater New Orleans Research Award, Louisiana State University Health Sciences Center.
- 1997 1st Prize: Best Conference Talk, 5th An. Northern Arizona University Environmental Studies Conference, Northern Arizona State University.
- 1994 Honors Awarded in Major, University of California at Santa Cruz.
- 1994 Honors Awarded in College, University of California at Santa Cruz.
- 1993 Achievement Reward for College Scientists Scholarship, University of California at Santa Cruz.

GRANTS AND FELLOWSHIPS

Current Funded Research Grants

- 2015 Hooper-Bui L (P.I.) "LSU-LSU Health Services Center Partnership for Undergraduate Graduate and Postdoctoral Mentored Environmental Health Sciences Research." Funded by US Environmental Protection Agency, **\$1,999,996**. Jun1 2015-May 31 2018, EPA-G2015-ORD-C1. Role: **Co-Investigator** (2% of effort).
- Objectives include development of a new type of environmental science training program through the formation of a consortium between core researchers from LSU

and LSU Health Science Center (LSUHSC-NO) and EPA scientist that creates mentored research training opportunities with the EPA and takes advantage of Louisiana's unique environment, including one of the nation's chemical corridors. Project has recently been initiated.

- 2015 **Katner A (P.I.)** "Quantification of Drinking Water Lead Levels using Refined Sampling and Analysis Procedures" Funded by Louisiana Board of Regent Support Fund, Research Competitiveness Subprogram (RCS), Received 2015 at Louisiana State University School of Public Health, **\$110,502**, Jul 1 2015-Jun 30 2018, LEQSF (2015-18)-RD-A-13 (12.4% of effort).
- Proposed a primary prevention approach to address childhood lead poisoning in New Orleans. Innovative tap water sampling and analysis methods presented by will be compared to standard EPA methods; and used to conduct a more accurate assessment of lead levels in New Orleans drinking water. Simple exposure prevention strategies will be evaluated. Project has recently been initiated.
- 2014 **Katner A (P.I.)** "Quantification of Lead Levels in New Orleans Drinking Water Using Innovative Sampling and Detection Methods with Improved Lead Recovery". Funded by Louisiana Board of Regents, National Science Foundation Experimental Program to Stimulate Competitive Research (EPSCoR) Pilot Funding Program, Received 2014 at Louisiana State University School of Public Health, **\$10,000**, Nov 2014-Oct 2015, LEQSF EPS(2015)-PFUND-406 (4% of effort).
- This study aimed to quantify lead levels in New Orleans tap water using innovative methods for Public Water System compliance testing which have demonstrated improved lead recovery compared to standard US Environmental Protection Agency (EPA) methods. Preliminary data were collected and researchers are currently developing several peer-reviewed publications.

Selected Past Research Grants

- 2009 **Katner A (P.I.)** "Building the Louisiana Environmental Public Health Tracking Network". Funded by the Centers for Disease Control and Prevention(CDC), Environmental Public Health Tracking Program, Received 2009 at LA Dept of Health and Hospitals, Office of Public Health, **\$3.4 million**, Sep 2009-Aug 2014, U38 EH000621-01 (100% of effort).
- This project involved development of a state-wide environmental and public health surveillance network to enable online data sharing; tracking and analysis of associations between diseases and environmental exposures; and data querying, graphing, mapping and analysis by members of the public, academia and government officials. Work was completed on the development of a statewide online surveillance system which is currently housed on the [LA Office of Public Health website](#). Analysis of data resulted in identification of a potential linkage between high rates of elevated childhood blood lead levels and water lead levels in the New Orleans area; prioritization of parishes for monitoring and outreach with respect to the issue of arsenic in private wells; and subsequent research grants and pending publications.

Research Fellowships

- 2004 Retrospective Dioxin Exposure Assessment for National Non-Hodgkin Lymphoma Case-Control Study. Research fellowship funded by the National Institutes of Health, National Cancer Institute, Occupational & Environmental Epidemiology Branch (OEEB). Received 2005 at University of California at Los Angeles. Conducted at OEEB, Rockville, MD. **\$50,000** per year, Mar 2005 – Nov 2006 (100% of effort).
- This research was funded to conduct a retrospective exposure assessment for a national case-control study of non-Hodgkin Lymphoma (NHL). Results of this study laid the groundwork for research investigating associations between NHL and industrial dioxin releases, and was acknowledged in subsequent NIH publications.
- 1994 Classical Genetic Analyses to Identify Homeobox Genes in *Drosophila melanogaster*". Research award funded by the Howard Hughes Research Foundation. Received 1994 at University of California at Santa Cruz, **\$3000**, Sep 1994- Aug 1995.
- This study aimed to find previously undiscovered homeobox genes in *Drosophila melanogaster* which regulate furrow ingression during cytokinesis. This research successfully identified potential candidates for studying how cytokinesis is coordinated with chromosome segregation and other mitotic events.

PRESENTATIONS

Selected Invited Talks

- 2015 Quatification 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, 8/17/2015.
- 2014 Potential for Offsite Exposure from the Santa Susana Field Laboratory. Santa Susana Field Laboratory Workgroup Meeting. Simi Valley, LA, 6/18/2014.
- 2012 Louisiana's Environmental Public Health Tracking Surveillance. Graduate Seminar. Tulane University, New Orleans, LA, 4/21/2012.
- 2004 Results of a Hazard Ranking System Scoring for Santa Susana Field Laboratory. Santa Susana Field Laboratory Workgroup and Public Meeting- Simi Valley, CA, 3/24/2004.
- 2005 Exposure Assessment for Communities Surrounding Santa Susana Field Laboratory Santa Susana Field Laboratory Workgroup and Public Meeting-. Simi Valley, CA, 8/19/2003.
- 1997 Occurrence of Indicators & Enteroviruses in Groundwater Impacted by Reclaimed Groundwater. Regulatory Research Advisory Committee Meeting. County Sanitation District of Los Angeles, CA, 11/19/1997.

Conference Talks

International

- 2015 Laws Affecting Cross-State Licensure, Quarantine and Control of Infectious Disease. International Disaster Conference and Exposition. New Orleans, LA. 2/11/2015.

2005 Aggregate Exposure Assessment Involving an Aerospace Facility with Limited Monitoring Data. First International Conference of Environmental Science and Technology, New Orleans, LA, 1/24/2005. [LINK](#)

National

2013 Raising Awareness of Arsenic in Private Wells. Centers for Disease Control and Prevention's (CDC) Annual National Environmental Public Health Tracking Conference. Atlanta, GA, 7/16/2013.

2012 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.

2009 Linking Blood Mercury Levels and Fish-Tissue Mercury Levels- Demonstration Environmental Public Health Tracking Project. Centers for Disease Control and Prevention's (CDC) Annual National Environmental Public Health Tracking Conference, Atlanta, GA, 10/26/2009.

1998 Evaluation of a PCR Method for the Detection of Enteroviruses in Groundwater Impacted by Reclaimed Wastewater. 98th General Meeting of the American Society for Microbiology, Atlanta, GA, 5/19/1998.

Regional

2000 A 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.

State

2013 Building Louisiana's Environmental Public Health Tracking System. Louisiana Environmental Health Association's (LEHA) 63rd Annual Educational Conference. Baton Rouge, LA, 3/14/2013.

2009 EPHT Demonstration Project: Data Linkage: Fish Tissue Mercury and Childhood Blood Mercury- ASTHO Environmental Public Health Tracking State-to-State Peer Fellowship Program, 25th Annual Louisiana Remote Sensing & GIS Workshop, Baton Rouge. LA, 4/14/2009.

1997 Molecular Methods for the Detection of Enteroviruses in Groundwater. Fifth Annual Arizona University Environmental Studies Conf. Northern Arizona U. Flagstaff, AZ, 3/28/1997. Awarded best talk.

Selected Posters (excludes abstracts listed in Conference Proceedings)

1. Pate J, **Katner A**. Integrated exposure uptake biokinetic modeling to estimate the impact of drinking water lead levels on childhood blood lead levels. Louisiana State University Health Sciences Center Summer Research Internship Program's Research Presentation Day. New Orleans, LA (**2015**). Placed third in the High School Interns category.