

CURRICULUM VITAE

Name: Chih-yang Hu

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School of Public Health
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Citizenship: U.S. Citizen

Education:

Undergraduate

Bachelor of Science in Public Health 1988-1992
Kaohsiung Medical College Kaohsiung, Taiwan.

Graduate

Master of Science in Public Health 1994-1996
Tulane University, School of Public Health and Tropical Medicine.
Department of Environmental Health Sciences.

Doctor of Science 1996-2001
Tulane University, School of Public Health and Tropical Medicine.
Department of Environmental Health Sciences.

Certification:

- Weapon of Mass Destruction (WMD) Incident Command from U.S. Department of Homeland Security. 2004. Certificate No. 2145292672
- WMD Hands-On-Training from U.S. Department of Homeland Security. 2004. Certificate No. 2145292673
- Hazardous Materials Technician (OSHA 29 CFR 1910.120)
- Modular Emergency Response Radiological Transportation Training from U.S. Department of Energy
- HazMat Training from Baton Rouge Area Mutual Aid System (B.R.A.M.A.S.)
- Chemical Risks in Your Neighborhood. Continuing Education from School of Public Health, New York State University at Albany.
- Strategic National Stockpile from Louisiana Department of Health and Hospitals
- Emergency Response to Domestic Biological Incidents. Louisiana State University Academy of Counter-Terrorist Education

Training

Biomedical Research (CITI) - Basic/Refresher, Basic Course Passed - 12/17/08
Biomedical Research (CITI) - Basic/Refresher, Refresher Course/Group2 – 10/25/2011
Biomedical Research (CITI) - Basic/Refresher, Basic Course/1 – 9/12/2014
Louisiana Board of Ethics - 2012 Code of Ethics Training for Public Servants - 3/14/2012
Louisiana Board of Ethics - 2015 Code of Ethics Training for Public Servants - 2/26/2015

Academic, Professional, and Research Appointments:

2011 - present Associate Professor, tenured.
Environmental and Occupational Health Sciences (ENHS) Program.
School of Public Health. Louisiana State University Health Sciences
Center

2005 - 2011 Assistant Professor, tenure track.
Environmental and Occupational Health Sciences (ENHS) Program.
School of Public Health. Louisiana State University Health Sciences
Center

2010 - present Adjunct Assistant Professor. Department of Environmental
Sciences, School of Coast and Environment, Louisiana State
University

2004 - 2005 Environmental Health Scientist Supervisor.
Louisiana Department of Health and Hospitals/Office of Public
Health/Section of Environmental Epidemiology and Toxicology

2002 - 2004 Environmental Health Scientist Coordinator
Louisiana Department of Health and Hospitals/Office of Public
Health/Section of Environmental Epidemiology and Toxicology

2001 - 2002 Research Consultant
Tulane University, School of Public Health and Tropical Medicine
Department of Environmental Health Sciences

1997 - 2001 Research Associate
Tulane University, School of Public Health and Tropical Medicine
Department of Environmental Health Sciences

1995 - 1997 Research Assistant
Tulane University, School of Public Health and Tropical Medicine
Department of Environmental Health Sciences

1992 - 1994 Wastewater Treatment Plant Manager
The Chinese Army Corps. The 802 Army General Hospital. Taiwan

Membership in Professional Organizations:

- Water Environment Federation (WEF)
- WEF Residuals & Biosolids committee - Agriculture & Industrial Byproduct Subcommittee

- Louisiana Water Environment Association (LWEA)
- Serve as faculty advisor for LSUHSC SPH American Society of Safety Engineers (ASSE) student chapter
- Association of Schools and Programs of Public Health (ASPPH) Environmental and Occupational Health Council.
- ASPPH Council on Learning Futures
- Academy for the Advancement of Educational Scholarship - Communication Committee
- Interstate Chemical Threats Workgroup
- American Public Health Association (APHA) - Environment Section

Awards and Honors:

- "Most Outstanding Doctoral Dissertation 2001-2002", Delta Omega National Honor Society, ETA Chapter, New Orleans, LA.
- Recognition Award from National Council of Science and Technology in Mexico
- Outstanding Dedication and Commitment from Department of Health & Hospitals Office of Public Health
- Accepted for Academy for the Advancement of Educational Scholarship as Fellow, 2007
- Emerald's 2011 Awards for Excellence - Highly Commended Awards Management of Environmental Quality Journal "Metals evaluation in coastal wetlands receiving treated wastewater".

Teaching Experience/Responsibilities:

Course/Clerkship/Residency or Fellowship/CME Directorships

2008 – present: ENHS 6238 Principles of Environmental Health - Course Co-Instructor

[3-credit hours school core course for MPH student, offered in Fall and Summer]

This course explores the relationships between man and the natural environment by examining the impact of human activities on air, water, soil, and food quality, and by analyzing the outcomes of encounters between humans and natural events, venomous animals, and toxic plants and fungi.

Responsibilities: provide lectures in the topics of health risk assessment, hazardous waste management and water quality management.

2005-2008: ENHS 6238 Principles of Environmental Health - Course Director

[3-credit hours school core course for MPH student, offered in Fall and Summer]

This course explores the relationships between man and the natural environment by examining the impact of human activities on air, water, soil, and food quality, and by analyzing the outcomes of encounters between humans and natural events, venomous animals, and toxic plants and fungi.

Responsibilities: develop course outline and syllabus, design course contents, prepare course materials, provide lectures and evaluate student performance.

2021-present: ENHS 6238 Principles of Environmental Health - Course Co-Director

[3-credit hours school core course for MPH student, offered in Fall and Summer]

This course explores the relationships between man and the natural environment by examining the impact of human activities on air, water, soil, and food quality, and by analyzing the outcomes of encounters between humans and natural events, venomous animals, and toxic plants and fungi.

Responsibilities: develop course outline and syllabus, design course contents, prepare course materials, provide lectures and evaluate student performance.

2005 – present: ENHS 6245 Health Risk Assessment and Management Communication - Course Director

[3-credit hours program required course for MPH student, offered in Spring]

This course provides students with the knowledge and methodology to determine whether current or future chemical exposures will pose health risk to certain population or ecosystems. The objectives of this course are (1) to provide the concept of environmental health risk assessment, (2) to understand the basic components of risk assessment, (3) to understand the methods for risk analysis and management, (4) to familiarize with different toxicological databases and resources, (5) to familiarize with the regulatory aspect of risk assessment (6) to provide the skills of effective risk communication.

Responsibilities as Course Director: develop course outline and syllabus, design course contents, prepare course materials, provide lectures and evaluate student performance.

2005 – present: ENHS 6246 Water Quality Management - Course Director

[3-credit hours program required course for MPH student, offered in Spring]

The purpose of this course is (1) to provide an overview of principle of water quality management, (2) to familiarize with water quality law and regulation, (3) to familiarize with water sources/usage and water quality characteristics, (4) to identify water pollution parameters, (5) to examine the available treatments, (6) and to understand the importance of water quality monitoring and protection.

Responsibilities as Course Director: develop course outline and syllabus, design course contents, prepare course materials, provide lectures and evaluate student performance.

2021-present: Bachelors in Science – Public Health BSPH 3400: Introduction of Environmental Science

[3-credit hours program required course for MSPH student, offered in Fall]

This course provides a broad overview of environmental science which covers key areas associated with natural resources, environmental quality, and the human impacts of environmental degradation. This course will assist students to understand the current environmental crisis and opportunities, with a focus on sustainability.

2022-present: Bachelors in Science – Public Health BSPH 4400: Climate Change – A Public Health Perspective.

This course aims to provide students with an assessment of the current state of climate change science and the associated current and future predicted public health impacts. Adaptation and mitigation strategies on the local, regional, and national level will be explored that can increase the resiliency and sustainability of communities in the context of climate change impacts.

2006: EPID 6213 Epidemiology Program Seminar - Guest speaker
“Introduction on Health Risk Assessment”. Provide overview on the basis, methodology and implication of health risk assessment for public health students.

2013: EPID 6216 Biologic Basis of Health – Guest speaker
“Health risk assessment and management”. Provide overview on the basis, toxicology, methodology and implication of health risk assessment for public health students.

Curriculum Development/Implementation

- Review curriculums of Environmental Health programs in the peer institutes and develop program competency in preparation for school accreditation
- Develop and periodically review the curriculum objectives, content and implementation for all academic programs with School of Public Health.
- Recommend curriculum revisions in accordance with school mission, strategic plan, and national accreditation guidelines.
- Review, approve and monitor objectives, competencies and content for program and courses in the Curriculum Committee.
- Develop and review policies to enhance quality of education in the school – Policy and Procedure Workforce
- Serve as Curriculum Committee chair. August 2011- June 2013

Creation of Enduring Teaching Materials

- Developed School of Public Health core course Principles of Environmental Health and course materials was adapted by Dr. David Lirette. 2009

Formal Course Responsibilities –

- Guest speaker of "Environmental Engineering Unit Operations" course in Tulane University. Lecture and demonstrated the toxicity analysis for

water samples utilizing Microtox Toxicity Test. Graduate level, 2 hours/year, 2001.

- Teaching Assistant for Course “Water and Wastewater Chemistry Laboratory”. Participated in lecture and conduct experiments in environmental sciences and engineering, including coagulation, water softening, chlorination, biochemical oxygen demand, chemical oxygen demand, total organic carbon and nutrients analysis. Graduate level, 60 hours/year, 1997-2000.

Departmental/Interdisciplinary Conferences – Morning Report, Grand Rounds, Tumor Board, Departmental Seminar Series, etc

- Epidemiology Program Seminar - Introduction on Health Risk Assessment

Teaching Awards:

- Accepted for Academy for the Advancement of Educational Scholarship as Fellow and founding member, 2007.

Graduate Students Advised and Trained:

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|---------------------|-----------------------------------|
| Syed Atif Ahsan | MPH 2008 |
| Crystal Jones | MPH 2008 (Best Poster Award 2008) |
| Anna Wanko | MPH 2009 |
| Claire Pitre | MPH 2009 |
| Jonathan Schoen | MPH 2009 |
| Ian Roderick | MPH 2009 |
| David Slaughter | MPH 2010 (Best Poster Award 2010) |
| Bryan Vidrine | MPH 2010 |
| Adrienne Woods | MPH 2012 |
| Bridgette Bienville | MPH 2016 |
| Carrie Pizzalato | MPH 2013 |
| Zellie Rouse | MPH 2012 |
| Donielle Joseph | MPH 2013 |
| Kensie Smith | MPH 2013 |
| Yiyao Li | MPH 2015 |
| Phillip Tilson | MPH 2015 |
| Ronnie Adams | MPH 2016 |
| Rochelle Cole | MPH 2018 |
| Michael Corrieri | MPH 2019 |
| Yasmin Davis | MPH 2019 |
| Cordell Richard | MPH 2020 |
| Clarke Evans | MPH 2020 |
| Kate Puszykowski | MPH 2020 |
| Jessica Greco | MPH 2022 |
| Lobna Ali | Ongoing |
| Holly Laviolette | MPH 2022 |
| Jacquelynn Mornay | Ongoing |
| Jason Ray | Ongoing |
| Ally Spring | Ongoing |

Kobe Williams Ongoing

Student Thesis/Capstone Project Committees:

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|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| Syed Atif Ahsan | “Metal Fume Fever: A Review of Cases Reported to the Louisiana Poison Control Center” 2008 |
| Tim Caylor | “Asthma and its Underlying Causes: Under Review by SCAALA” 2008 |
| Crystal Giles | "Occupation and Prostate Cancer Aggressiveness" 2008 (Best Poster Award 2008) |
| Claire Pitre | “Methicillin resistant staphylococcus aureus colonization in Terrebonne and Lafourche Parishes” 2009 |
| Jonathan Schoen | “The Use of Salivary Cotinine to Determine Occupational Environmental Tobacco Smoke Exposure” 2009 |
| Anna Wanko | “Bioaerosol Exposures and Outcomes in Dental Hygienists” 2009 |
| Rachel Guy | “Protecting Our Community: A Hazard Survey Analysis.Evaluating A Catastrophic Tank Car Spill of Chlorine Gas” 2009 |
| Ian Roderick | “Mercury Toxicity from Consumption of Louisiana Fish and Shellfish” 2009 |
| Prixia Nieto | “Diagnosis and Clinical-Pathological Findings of Chagas Disease (Trypanosoma Cruzi) in Dogs in South Central Louisiana” 2009 |
| David Slaughter | “A Pilot Study to Assess Heat Stress Risk 2010” (Best Poster Award 2010) |
| Paula Mischler | “Geospatial Analysis and Ecological Niche Modeling of Chagas Disease in Bolivia 2010” (Best Oral Presentation Award 2010) |
| Bryan Vidrine | “Physiological Hazards of Recreational Scuba Diving” 2010 |
| Adrienne Wood | “An Investigation into Arsenic Contamination in Louisiana Well Water” 2012 |
| Zellie Rouse | “Toxic Plants: An Analysis of the Availability of Ornamental Plants in the New Orleans Metropolitan Area, Supplier Knowledge and Plant Toxicities” 2012 |

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| Carrie Pizzalato | “Phosphate and Nitrate Adsorption by Acid Washed Activated and Non-Activated Biochars Made from Broiler Litter and Sugarcane Bagasse”. 2013 |
| Donielle Joseph | “Health Risks of Fragrances and the Need to Enforce Fragrance-Free Workplaces”. 2013 |
| Kensie Smith | “Surveillance of Antimicrobial Resistance”. 2013 |
| Yiyao Li | “An Analytical Comparison Study of Average Hourly Concentrations of Sulfur Dioxide and PM 2.5 on a Monthly Basis from 2013-2014 in Chalmette Vista, LA”. 2015 |

Grants and Contracts:

Funded

- Louisiana Public Health Institute (LPHI) Exposure to Second-hand Smoke in the Workplace. Role: Co-PI, subcontractor, \$31,790. October 2008
- CDC Children’s Health Feasibility Study. In partnership with Research Triangle Institute (RTI). Co-Investigator 10% FTE. September 2010. Year 1: \$244,197. Year 2: \$357,915.
- NIH R21 “Health Effects of MC252 Gulf Incident”. Co-Investigator. 11/15/10 to 10/31/12. \$264,659
- Louisiana Board of Regents Research Competitiveness Subprogram. “Quantification of Drinking Water Lead Levels Using Refined Sampling and Analysis Procedures”. Co-Principal Investigator. \$165548, June 2015 – May 2018.
- National Science Foundation (NSF) Satellite-Assisted Forecasting Environment for Improving Oyster Safety (SAFE Oyster). September 1 2020. Researcher. \$258,000.

Pending funding

Not applicable

Non-funded applications (last three years)

Research Review Committee:

- Gulf States Health Policy Research - (RFA-GSHPC-14-15-001) – Grant reviewer

Papers Presented

Podium Presentation in Scientific Conference: National

1. Katner A, Parks, J, Pieper K, Tang M, Brown K, Lin H, Wang X, **Hu CY**, Masters S, Mielke H, Edwards M. 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.
2. Katner A, Pieper K, Brown K, Parks J, **Hu CY**, 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 26-28 2018
3. Katner AL, Pieper K, Parks J, Brown K, **Hu CY**, Lin HY, Wang X, Diaz J, Edwards M. Evaluation of prevailing flush guidelines to reduce water lead exposures: Implications for regulations and public health outreach. Presented at 253rd American Chemical Society National Meeting & Exposition, San Francisco, California. April 2-6, 2017
4. Katner A, **Hu CY**, Diaz J. 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, June 14, 2016
5. Katner AL, Brown KC, **Hu CY**. Drinking Water: An Underestimated Source of Lead Exposure. Accepted for podium presentation at National Lead and Healthy Housing Conference New Orleans, LA, Oct 8, 2015
6. **Hu CY**, Diaz JH, Chiu YW, Tseng TS. Vulnerability and resiliency of Vietnamese community in New Orleans East post Katrina and oil spill. Accepted for podium presentation at International Conference on Methods for Surveying and Enumerating Hard-to-Reach Populations. October 31 - November 3, 2012, New Orleans.
7. **Hu CY**, Chiu YW, Chiu YR, Jin G. "Rainwater harvesting, it's not just water conservation" accepted for podium presentation at The Urban Affairs Association (UAA) 2011 Conference in New Orleans. March 2011
8. **Hu CY**, Chiu YR, Chiu YW. "GIS-aided planning tool for rainwater harvesting system - a case study in Taiwan" Accepted for podium presentation at 138th American Public Health Association (APHA) Annual Meeting in Denver, CO. November 6-10, 2010.

9. Harrington DJ, **Hu CY**, Diaz JH. "Volatile Organic Air Pollution in the Baton Rouge-New Orleans, Louisiana, Industrial Corridor" Accepted for podium presentation at 138th American Public Health Association (APHA) Annual Meeting in Denver, CO. November 6-10, 2010.
10. Contreras C, Klink J, Lawhorn N, Brown L, Lirette DK, Diaz JH, **Hu CY**, Ragan FA. "Environmental tobacco smoke exposure among Louisiana adults who work in bars and casinos" Accepted for roundtable presentation at 138th American Public Health Association (APHA) Annual Meeting in Denver, CO. November 6-10, 2010.
11. **Hu CY**, Englande AJ Jr, Jin G. Wetland Restoration: Using Municipal Wastewater as a Resource. Accepted for podium presentation at 137th American Public Health Association (APHA) Annual Meeting in Philadelphia, PA. November 7-11, 2009.
12. **Hu CY**, Diaz JH, Chiu YW, Harrington DJ, Chiu YR. Emergency Post-hurricane Debris Landfills in New Orleans: More Superfund Sites? Accepted for podium presentation at 2009 National Environmental Public Health Conference - Healthy People in a Healthy Environment in Atlanta, Georgia, October 26-28 2009.
13. Diaz JH, **Hu CY**, Harrington DJ. Proportionate Cancer Mortality in Methylmethacrylate-Exposed Healthcare Workers. Accepted for podium presentation at 2009 National Environmental Public Health Conference - Healthy People in a Healthy Environment in Atlanta, Georgia, October 26-28 2009.
14. **Hu CY**, Chiu YR. Rainwater Harvesting or Not? A Cost/Benefit Analysis Using Water-Energy Correlation and GIS-Based Precipitation Simulation in Taipei, Taiwan. Accepted for podium presentation at annual Water Environment Federation Technical Exhibition and Conference (WEFTEC) in Orlando, Florida, October 13, 2009.
15. **Hu CY**, Raymond DJ. Lessons from Hazardous Chemical Incidents – Louisiana Hazardous Substances Emergency Events Surveillance (HSEES) System. Accepted for podium presentation at Mary Kay O'Connor Process Safety Center- 2003 Symposium. College Station, Texas. Oct 28-29, 2003.
16. **Hu CY**, Englande AJ Jr, Wiese T. Methyl tertiary-Butyl Ether (MTBE) Biodegradation in a Continuous Upflow Fixed-Biofilm Reactor. Accepted for podium presentation at Annual Water Environment Federation Technical Conference and Exposition (WEFTEC) 2002, Chicago, September 28-October 2, 2002.
17. Holland J, Hattier L, Reimers R, Englande AJ Jr, **Hu CY**, Geeti A. Comparison of Mixed Oxidants to Ozone for Disinfection and Reduction of Health Risks from Recalcitrant Compounds. Water Environment federation (WEF) Disinfection 2002: Health and Safety Achieved through Disinfection in St. Petersburg, FL, 17-20 February 2002.

18. Englande AJ Jr, Day J, Jin G, Rybczyk J, **Hu CY**. Wetlands Restoration Using Wastewater Effluent- An Example of Resource Management. Accepted for podium presentation at Water Environment Federation Technical Exhibition and Conference (WEFTEC), New Orleans, October 9-13, 1999.

Podium Presentation in Scientific Conference: International

1. Chiu YR, Liaw CH, **Hu CY**, Chang HH. Applying GIS-based Rainwater Harvesting Design System in the Water-Energy Conservation Scheme of Large Cities. Accepted for podium presentation at 13th International Conference on Computer Supported Cooperative Work in Design (CSCWD) in Santiago, Chile, April 22-24 2009.
2. **Hu CY**, Acuna-Askar K, Englande AJ Jr. Bioremediation of Methyl Tertiary-Butyl Ether (MTBE) by Innovative Biofilter. Accepted for podium presentation at the 5th International Water Association (IWA) Chemical Industry Group Conference. Nîmes, France 13-15 November 2002.
3. Acuna-Askar K, Englande AJ Jr, **Hu CY**, Jin G. Methyl tertiary-butyl ether (MTBE) Biodegradation in Batch and Continuous Upflow Fixed-biofilm Reactor, presented at Waste Minimization and End of Pipe Treatment in Chemical and Petrochemical Industries, International Association on Water Quality (IAWQ) International Specialist Conference of the Chemical Industries Group, Merida, Yucatan, Mexico, November 12-18, 1999.

Poster Presentation in Scientific Conference: National

1. Tseng T, Chiu YW, Yang S, Rosales C, Espinoza F, Behrhorst D, Chen HY, **Hu CY**. "Gender and age disparities in relationship of acculturation, sugar-sweetened beverages consumption and obesity among Latino immigrants" APHA Annual Meeting & Expo in Atlanta, GA. Nov 4-8, 2017
2. Katner A, Pieper K, Brown K, Parks J, **Hu CY**, Lin H, Wang X, Edwards M. Evaluation of waterborne lead in New Orleans, LA: Policy implications for monitoring and exposure reduction. Accepted for poster presentation at American College of Epidemiologists (ACE) Annual Meeting: Methods of Translating and Disseminating Epidemiology into Public Health. New Orleans, LA. Sep 25, 2017.
3. Tseng TS, Chiu YW, Yang S, Rosales C, Espinoza F, Behrhorst D, Chen HY and **Hu CY**. "Acculturation, Sugar sweetened beverages consumption and obesity among Latino immigrants in New Orleans" selected to present at the APHA 2016 Annual Meeting & Expo Oct. 29 - Nov. 2, 2016 in Denver.
4. Chiu YW, Tseng TS, , Yang S, Rosales C, Espinoza F, Behrhorst D, Chen HY and **Hu CY**. "Influence of Language Acculturation on Access to Care and Healthcare Utilization in the Latino Community of New Orleans"

selected to present at the APHA 2016 Annual Meeting & Expo Oct. 29 - Nov. 2, 2016 in Denver.

5. Katner AL, **Hu CY**, Diaz JH. Legacy of Lead Water Service Lines: Hazard Assessment, Exposure Modeling and Implications to Public Health, Policy and Outreach. Presented at the 55th Annual Meeting of the Society of Toxicology, March 13–17, 2016, New Orleans.
6. Katner AL, **Hu CY**, Diaz JH. Policy Lapses and Recommendations for Addressing Childhood Lead Poisoning in New Orleans. Presented at the Eighth Health Disparities Conference, New Orleans, LA. March 12-14, 2015.
7. Song Z, Tseng TS, Lai Z, **Hu CY**. Gender disparity in the association between myopia and obesity among middle school adolescents in Taiwan. Presented at the Eighth Health Disparities Conference, New Orleans, LA. March 12-14, 2015.
8. Lai LJ, Tseng TS, **Hu CY**, Chiu YW. Prevalence of myopia and unmet needs of vision care among children and adolescents in rural and underserved areas of Taiwan. Accepted for poster presentation at 142nd American Public Health Association (APHA) Annual Meeting in New Orleans, LA. November 15-19, 2014
9. **Hu CY**, Rider NL, Diaz JH, Brown L. Assessment of secondhand smoke exposure at workplace among non-smoking hospitality workers. Accepted for poster presentation at 142nd American Public Health Association (APHA) Annual Meeting in New Orleans, LA. November 15-19, 2014
10. Tseng TS, Chiu YW, Espinoza F, **Hu CY**. Cultural and Linguistic Services in a Public Hospital: A Pilot Study. Society of Behavioral Medicine annual meeting. April 2012 New Orleans.
11. Chiu YW, Tseng TS, Behrhorst D, **Hu CY**, Behrhorst J. Examining the Access to Care and Quality of Care in the Latino Community in New Orleans. Accepted for poster presentation at 139th American Public Health Association (APHA) Annual Meeting in Washington, DC. October 29-November 2, 2011.
12. Behrhorst D, Chiu YW, Tseng TS, **Hu CY**. Identifying Issues of Public Health for Latinos in a New Orleans Faith Base Setting. Accepted for poster presentation at 139th American Public Health Association (APHA) Annual Meeting in Washington, DC. October 29-November 2, 2011.
13. Behrhorst D, Chiu YW, Tseng TS, **Hu CY**. Identifying Issues of Public Health for Latinos in New Orleans. Accepted for poster presentation at the Xavier University of Louisiana College of Pharmacy's Fourth Health Disparities Conference. March 27-29, 2011, New Orleans.
14. **Hu CY**, Chiu YW, Diaz JH, Harrington DJ. "Need for Exposure Assessment in the Community near Hurricane Debris Landfill". Accepted

for poster presentation at 138th American Public Health Association (APHA) Annual Meeting in Denver, CO. November 6-10, 2010.

15. Diaz JH, **Hu CY**, Harrington DJ. "Global spread of infectious diseases by the mass movement of goods and people in an era of climate change". Accepted for poster presentation at 138th American Public Health Association (APHA) Annual Meeting in Denver, CO. November 6-10, 2010.
16. Diaz JH, **Hu CY**, Harrington DJ. A Case-Control Study of Proportionate Cancer Mortality in Methylmethacrylate-Exposed Healthcare Workers. Poster Session for Previously Presented Research at the 2010 Annual Spring Conference of the American College of Medical Toxicologists, Scottsdale, Arizona, March 12-14, 2010.
17. **Hu CY**, Diaz JH, Chiu YW, Harrington DJ, Behrhorst DK. Environmental Justice for the Community near Hurricane Debris Landfill. 2010 Conference on Environmental Justice, Air Quality, Goods Movement, and Green Jobs: Evolution and Innovation. January 25-27, 2010. New Orleans, Louisiana.
18. Chiu YR, **Hu CY**, Chiu YW. Rainwater harvesting system with GIS-aided resources conservation planning. 2009 National Environmental Public Health Conference - Healthy People in a Healthy Environment in Atlanta, Georgia, October 26-28, 2009.
19. **Hu CY**, Kissler A, Page T, Dugas D, Savoie B. Review of National Response Center Reports for Louisiana: Trend and Risk Factor Analysis for Incidents Involving Injury, Fatality and Evacuation, 1990-2003. Louisiana Public Health Association Annual Conference in Baton Rouge, Louisiana, April 2004.
20. **Hu CY**, Englande AJ Jr, Acuna-Askar K, Jin G. Biodegradation of Methyl Tertiary-Butyl Ether(MTBE) in Continuous Upflow Fixed-Biofilm Reactor. Poster at WEFTEC'99, New Orleans, LA, October 9-13, 1999.
21. Englande AJ Jr, Day J, Jin G, **Hu CY**. Wetlands Restoration by Resource Management using Wastewater Effluent, poster at Environmental State-of-the-state Conference IV, New Orleans, LA, November 5, 1999.
22. **Hu CY**, Acuna-Askar K, Englande AJ Jr, Jin G. Methyl Tertiary-Butyl Ether (MTBE) Biodegradation in Batch and Continuous Upflow Fixed-Biofilm Reactors, poster at Environmental State-of-the-state Conference IV, New Orleans, LA, November 5, 1999.
23. Englande AJ Jr, Day J, Jin G, Rybczyk J, **Hu CY**. Using Wastewater Effluent for Wetlands Restoration- A Case Study. Presented at Third Annual American Wetlands Month Conference, New Orleans, February 18-20, 1999.

Poster Presentation in Scientific Conference: International

1. **Hu CY**, Engle AJ Jr, Acuna-Askar K. Bioremediation of methyl tertiary-butyl ether (MTBE) contaminated groundwater. Poster accepted for IWA Environmental Biotechnology 2002 Conference in Palmerston North, New Zealand 15-17 April 2002.

Seminars and Invited Presentations (include visiting professorships):

1. Presentation “Vulnerability of Vietnamese American in New Orleans after disasters” and as panelist at The Impact of Environmental Disasters on Vulnerable Populations conference. March 26, 2012 at Dillard University
2. Case study developed on emergency hurricane landfills in New Orleans was solicited by Agency for Toxic Substances and Disease Registry (ATSDR) staff for a book chapter on chemical releases resulting from hurricanes. 2010.
3. Presentation on Environmental Justice in New Orleans was invited as case study for Agency for Toxic Substances and Disease Registry (ATSDR) National Conversation on Public Health and Chemical Exposures workshop. 2009.

Editorial Posts and Activities:

- ASPH/EPA Graduate Training Programs Review Committee 2010
- Journal of Hazardous Materials - External reviewer
- Annals of Epidemiology – External reviewer
- The Korean Journal of Chemical Engineering - External reviewer
- American Public Health Association - Environment Section – Section reviewer
- American Public Health Association - Environment Section – Section website editor
- The Louisiana State University Health Sciences Center at New Orleans Academy for the Advancement of Educational Scholarship, Academy Bulletin – Co-editor

University/Institutional Service:

Departmental committees

- Website Editor: maintain and update Environmental and Occupational Health Sciences program web pages.
- Student Capstone Presentation Coordinator: coordinate program capstone oral and poster presentations.
- Graduate Student Coordinator: serve as point of contact for prospective students.
- Practice Placement Coordinator: coordinate and provide assistance on applying and approval of the required Practice Experience.
- Program Admission Committee: Review student applications and make recommendation for acceptance or rejection.

School of Public Health committees

- Evaluation Committee 2019-present
- Grievance Committee 2018-2020
- Appointments, Promotions and Tenure Committee: 2012-2015, 2016-2020
- Faculty Assembly President: 2016-2018
- Faculty Assembly President Elect: 2015-2016
- Bylaws, Nominations, and Elections Committee: 2015-2016, 2018-2019
- Website Committee: Assist on the redesign and management of the current school website based on the recommendation of recruitment and marketing committees. 2010 – 2013
- Research Invigoration Strategy Committee (RISC): Identify strengths, weaknesses, opportunities, and threats in the existing research environment of the School of Public Health, and set objectives to enhance research activities in school. 2009 – present
- Curriculum Committee: To plan, review, and monitor academic programs to ensure consistency with the philosophy and mission of the LSUHSC School of Public Health and the LSU Health Sciences Center, and in accordance with the requirements of the Council for Education in Public Health (CEPH). To promote optimum coordination among school curriculum areas. 2009 – 2015
- Policy/Procedures Review Taskforce: Review current policy and procedure on school website, catalog and student handbook for inconsistency; develop new policies and procedures based on the strategic plan. 2009 – 2011
- School website usage tracking: Use analytical tool to record school website usage information including visitor counts, traffic patterns, contents visited, and visitor's location, etc. This information is used by school Marketing Committee for recruitment strategy and website improvement. 2009 – 2011
- IT Committee: Explore and evaluate information technology in hardware or software to improve teaching and administration efficiency in school. 2009 – 2011
- Strategic Plan Steering Committee: Represent Environmental and Occupational Health Sciences program to serve in the committee. Tasks include facilitating the school retreat to collect faculty and staff inputs, develop school strategic plan which includes school mission statement, vision, core purposes and values, strategic goals and objectives. Committee meets routinely to report progress made. 2008 – 2013
- Course Management software evaluation: Evaluate course management software Moodle's function and capability for the School of Public Health teaching faculty. 2008-2009
- Design interactive course registration form and fillable student application form for school. 2008-2009
- Evaluation Committee: Evaluate course offerings to ensure merit in objectives/content and consistency with philosophy and mission of the school; design and implement student exit survey and present results of the survey to faculty assembly. 2007-2009

- Recruitment Committee: Develop recruitment strategies and plan recruitment activities; design school poster and brochure to be displayed in recruitment event. 2006-2008
- School website development: design new School of Public Health website structure to display the latest school information for prospective students and also as a portal of documentation repository for faculty and current students. Tasks include reviewing peer school websites, soliciting input from faculty, students and staff, working with Information Technology (IT) staff, complying with LSUHSC website standard, designing website structure and maintenance protocol. 2006 – 2012
- Faculty Senate: Represent School of Public Health to attend LSUHSC Faculty Senate monthly meetings. 2006 – 2012, 2014-2016
- School website update and maintenance: Working with IT staff to respond to website update requests from faculty and staff and performing routine updates. 2006 – 2012
- Chancellor's Award Committee: Review graduating student profiles and transcripts and make recommendation to the Dean for the winner of Chancellor's Award and Dean's Award. 2006 – 2010
- Student recruitment activity: Update LSUHSC/SPH school information on Association of Schools of Public Health (ASPH) website; visit LSU School of Veterinary Medicine, School of Coast and Environment and meet students, attend student recruitment trips.

LSUHSC (campus) committees

- Institutional Review Board (IRB) representative. Aug 2022 - present
- Faculty Senate: 2013-2016, 2020-2022
- The LSUHSC NO Academy for the Advancement of Educational Scholarship, Executive Council 2015-present.
- The LSUHSC NO Academy for the Advancement of Educational Scholarship, Academy Bulletin – Co-editor. 2010 – 2012
- LSUHSC NO Academy for the Advancement of Educational Scholarship - Communication Committee – Co-Chair. 2010 – 2012, Chair 2016-present.
- Serve on the LSUHSC NO Faculty Senate - Facilities, Safety & Security sub-committee. 2006 – 2011

Professional society committees

- 2010 ASPH Graduate Training Programs Review Committee
- American Public Health Association (APHA) Environment Section - Environmental Justice subcommittee. 2009 – present
- Association of Schools of Public Health (ASPPH) Council on Learning Futures. 2009 – present
- Water Environment Federation (WEF) - Residuals & Biosolids Committee Agriculture & Industrial Byproduct Subcommittee. 2008 – present
- American Society of Safety Engineers (ASSE) LSUHSC NO School of Public Health student chapter - Faculty advisor. 2007 – present

- Association of Schools of Public Health (ASPPH) Environmental and Occupational Health Council. 2006 – present
- Interstate Chemical Threats Workgroup - member. 2003 – present

Administrative Responsibilities:

School of Public Health:

- School website development: design new School of Public Health website structure to display the latest school information for prospective students and also as a portal of documentation repository for faculty and current students. Tasks include reviewing peer school websites, soliciting input from faculty, students and staff, working with Information Technology (IT) staff, complying with LSUHSC website standard, designing website structure and maintenance protocol. Communicate between administration, faculty assembly and IT staff to keep the information on school website up to date. 2006 – present

Interdisciplinary/other program

- Advisor of concurrent degree studies programs:
 - LSU School of Veterinary Medicine and LSUHSC School of Public Health: DVM/MPH in ENHS
 - LSU Graduate studies and LSUHSC School of Public Health: MS Ecology/MPH in ENHS

Community Service Activities:

1. Review LA CaTS Center Pilot Grants application titled “Assessing Exposures to Arsenic and Other Inorganic Chemicals in Unregulated Private Wells in Southern Louisiana: Implications to Human Health.” May 2018.
2. Louisiana Department of Health, Environmental Public Health Tracking Program, Environmental Public Health Tracking Advisory Group meeting. November 9, 2017.
3. State Advisory Board Meeting- LA Healthy Homes and Childhood Lead Poisoning Prevention Program June 16, 2015 and March 29, 2016
4. Impacts of Deepwater Horizon oil spill to wetlands in the Gulf of Mexico, workshop in Slidell. August 11, 2015.
5. Attended CDC funded research project Children’s Health after the Storm (CHATS) public forums in Louisiana. April 2012.
6. Attended Association of Schools of Public Health (ASPH) Environmental Health Council. Nov 7, 2010
7. Attended Association of Schools of Public Health (ASPH) Council on Learning Futures. Nov 7, 2010
8. Attended APHA Environmental Justice Forum. Nov 6, 2010
9. Attended Council on Education for Public Health (CEPH) 2010 Technical Assistance Session: Strong Goals & Objectives: Setting the Stage for Data Collection. Nov 6, 2010

10. Attend Gulf States Oil Release Public Health and Environmental Consortium (GOPHEC) meeting in New Orleans. August 17, 2010
11. Met with Houma councilman Voisin (of Dulac and Bayou Dularge), the Parish Manager Al Levron to discuss about potential service and research projects on BP oil spill. July 21, 2010
12. Attend REACH NOLA Behavior Health Community Conference on oil spill impact. July 15, 2010, New Orleans.
13. Attend and present poster in 2010 Conference on Environmental Justice, Air Quality, Goods Movement, and Green Jobs: Evolution and Innovation. January 25-27, 2010.
14. Attend The City of New Orleans Mayor's Office of Environmental Affairs - Environmental Justice Listening Session in cooperation with the U. S. Environmental Protection Agency (EPA), Region 6. July 9, 2009.
15. American Public Health Association (APHA) - Environment Section - Website editor. Tasks include working with APHA staff and section members to maintain and update section website. 2009 – present
16. Serve as Technical Advisor for Louisiana's Environmental Public Health Tracking (EPHT) Program at Louisiana Department of Health and Hospitals/Office of Public Health/Section of Environmental Epidemiology and Toxicology. 2009 – present
17. Serve as environmental consultant for community organization in New Orleans East, Mary Queen of Vietnam Community Development Corporation (MQVN CDC) and to assess residents' environmental concerns, and apply for joined research funding. 2008 – present
18. Participate in the SGA organized community service project. Working with HOPE to rebuild house in St. Bernard Parish. 2008
19. Attend Lower Ninth Ward community Town Hall meeting in New Orleans. June 28, 2008
20. Attend Louisiana Department of Environmental Quality - Enviroschool for Community meeting. May 21, 2008.
21. Attend US EPA Workshop "Research Needs for Community-Based Risk Assessments" October 18-19, 2007. Research Triangle Park, NC.
22. Attended Grant workshop in Southeastern University in Louisiana and met with representatives from EPA, NSF, NIH, NOAA about grant opportunities. Sep 27, 2007.
23. Attended Gulf States Alliance "Network Science and Recovery" meeting, August 20, 2007.
24. Attended conference of The National Academies: Rebuilding for Health Sustainability, and Disaster Preparedness in the Gulf Coast Region 2006
25. Attended Board of Regents 2006 Post-Katrina/Rita Research and Education Forum: Science Recovery and Discovery: The Role of Higher Education in Securing a Sustainable Future. 2006

Books:

Hu CY, Raymond DJ. Louisiana Hazardous Substances Emergency Events Surveillance (HSEES) System 2001: A Summary Report. Louisiana Department of Health and Hospitals, Office of Public Health, Section of Environmental Epidemiology & Toxicology. 2003

Journal Publications

Peer Reviewed Original Scientific Articles

1. Lin, W.-T.; Gonzalez, G.V.; Kao, Y.-H.; Lin, H.-Y.; Li, M.S.; Seal, D.W.; Lee, C.-H.; **Hu, C.-y.**; Chen, L.-S.; Tseng, T.-S. Mediation of BMI on 25-Hydroxyvitamin D Levels in U.S. Adults with Sugar-Sweetened Beverages Consumption. *Nutrients* 2023, 15, 3291. <https://doi.org/10.3390/nu15153291>
2. Lin W-T, Kao Y-H, Li MS, Luo T, Lin H-Y, Lee C-H, Seal DW, **Hu CY**, Chen L-S, Tseng T-S. Sugar-Sweetened Beverages Intake, Abdominal Obesity, and Inflammation among US Adults without and with Prediabetes—An NHANES Study. *International Journal of Environmental Research and Public Health*. 2023; 20(1):681. <https://doi.org/10.3390/ijerph20010681>
3. Wei CT, Lo KY, Lin YC, **Hu CY**, Chen FL, Huang HL. "Health Promoting School Strategy on Dental Plaque Control and Preventive Behaviors in High-Caries Schoolchildren in Rural Area in Taiwan: A Quasi-experimental Design" *BMC Oral Health* 21, 573 (2021). <https://doi.org/10.1186/s12903-021-01927-z>
4. Lin WT, Kao YH, Lin HY, Li M, Luo T, Fritz JM, Seal DW, Lee CH, **Hu CY**, Tseng TS. Age difference in the combined effect of soda drinks consumption and body adiposity on hyperuricaemia in US adults. *Public Health Nutrition*. 2021 Feb 5;1-13. doi: 10.1017/S1368980021000513.
5. Diaz J, Brisolara K, Harrington D, **Hu CY**, Katner A. 2020. The environmental health legacies of Hurricane Katrina: Enduring effects and public health impacts. Accepted to the *American Journal of Public Health*. October 2020, Vol 110, No. 10.
6. Lu TY, Chen JH, Du JK, Lin YC, Ho PS, Lee CH, **Hu CY**, Huang HL. Dysphagia and masticatory performance as a mediator of the xerostomia to quality of life relation in the older population. *BMC Geriatrics* (2020) 20:521. <https://doi.org/10.1186/s12877-020-01901-4>
7. Lee H, Ho PS, Wang WC, **Hu CY**, Lee CH, Huang HL. Effectiveness of a Health Belief Model Intervention Using a Lay Health Advisor Strategy on Mouth Self-Examination and Cancer Screening in Remote Aboriginal Communities: A Randomized Controlled Trial. *Patient Education and Counseling*. July, 2019 Jul 2. pii: S0738-3991(19)30258-7.
8. Lee HL, Lin YC, Peng WD, **Hu CY**, Lee CH, Yen YY, YJ Hsu, Huang HL. Effectiveness of a theory of planned behavior-based intervention for promoting periodontal preventive behaviors among medical students in Taiwan. *Journal of American College Health* 2019 Jul 9:1-8
9. Huang HL, Peng WD, Ling YC, Lee CH, **Hu CY**, Huang ST. Gender-specific Factors Associated with the Suicidal Ideation of Children in Taiwan: A Large-Scale Cross-Sectional Study. *International Journal of Psychology*, 2019 Vol. 54, No. 1, 53–60, DOI: 10.1002/ijop.12438

10. Katner A, Pieper K, Brown K, Lin H, Parks J, Wang X, **Hu CY**, Masters S, Mielke H, Edwards M. Effectiveness of Prevailing Flush Guidelines to Prevent Exposure to Lead in Water. *International Journal of Environmental Research and Public Health*. 2018 15 1537.
11. Katner A, Pieper K, Lambrinidou Y, Edwards M, Brown K, **Hu CY**, Mielke HW. Weaknesses in Federal Drinking Water Regulations and Public Health Policies that Impede Lead Poisoning Prevention and Environmental Justice. *Environmental Justice*. August 2016, 9(4): 109-117.
12. Hsu YJ, Peng WD, Chen JH, Lin YC, Chang CS, Chen T, **Hu CY**, Ho PS, Chen FL, Lee CH, Huang HL*. Evaluating the Effect of a Community-based Lay Health Advisor Training Curriculum to Address Immigrant Children's Caries Disparities. *Caries Research* 2015;49:147-156
13. Lin YC, Yen YY, Chang CS, Ting CC, Chen PH, Chen CC, Peng WD, Chen FL, **Hu CY**, Huang HL*. Oral Health Disparities of Children among Southeast Asian Immigrant Women in Arranged Transnational Marriages in Taiwan. *Caries Research* 2014; 48:575-583.
14. Lee LC, Yen YY, Lin PL, Lin YC, **Hu CY**, Lin YY, Chen FL, Hsu CC, Peng WD, Huang HL*. Tobacco Knowledge and Attitude toward Tobacco Policy Associated with Smoking Behavior among Guardians of Elementary School Student in Kaohsiung City. *Taiwan Journal of Oral Medical Sciences*. 2013; 28(1):24-45
15. Wang YW, Ko HL, Yen YY, Lin YC, Lin PL, **Hu CY**, Huang HL*. The Application of the Theory of Planned Behavior to Understanding Factors Associated with Adolescent's Intention to Quit Smoking: a College of Medicine and Management. *Taiwan Journal of Oral Medical Sciences*. 2013 ; 28(1):04-23
16. Lawhorn N, Lirette D, Klink J, **Hu CY**, Contreras C, Bryant TR, Brown L, Diaz JH. Workplace Exposure to Secondhand Smoke among Non-smoking Hospitality Employees. *Nicotine & Tobacco Research* 2012 doi: 10.1093/ntr/nts144
17. Huang HL, Hsu CC, Peng WD, Yen YY, Chen T, **Hu CY**, Lee CH, Chen FL, Lin PL. Analysis of Influential Factors Associated with the Smoking Behavior of Aboriginal Schoolchildren in Remote Taiwanese Mountainous Areas. *Journal of School Health* 2012; 82: 318-327.
18. Huang HL, Yen YY, Lin PL, Chiu CH, Hsu CC, Chen T, **Hu CY**, Lin YY, Lee CH, Chen FL. Household Secondhand Smoke Exposure of Elementary Schoolchildren in Southern Taiwan and Factors Associated with their Confidence in Avoiding Exposure: a Cross-sectional Study. *BMC Public Health* 2012, 12:40
19. Lin YL, Yen YY, Chen HS, Liu YC, Chang CS, Chen CM, Chen FL, Hsu CC, Lee CH, **Hu CY**, Huang HL. Child Dental Fear in Low-income and Non-low Income Families: A School-based Survey Study. *J Dent Sci*. 2013, <http://dx.doi.org/10.1016/j.jds.2013.02.022>
20. **Hu CY**, Jin G, Englande AJ Jr. Evaluation and Applicability of Water Quality and Nutrients Removal by Coastal Wetlands Receiving Treated Municipal

Wastewater and its Application. Management of Environmental Quality: An International Journal. 2011 Vol. 22 Iss: 4, 522 – 531

21. Huang HL, Chen FL, Hsu CC, Yen YY, Chen T, Huang CM, Shi HI, **Hu CY**, Lee CH. A Multilevel-Based Study of School Policy for Tobacco Control in Relation to Cigarette Smoking among Children in Elementary Schools: Gender Differences. Health Education Research, 2010 Jun; 25(3):451-63. Epub 2010.
22. Jin G, Englande AJ Jr. **Hu CY**. Metals Evaluation in Coastal Wetlands Receiving Treated Wastewater. Management of Environmental Quality: An International Journal. 2010 Vol. 21 No.3. 351-367
23. Diaz JH, **Hu CY**. Health Risks and Benefits of Seafood Consumption. Tropical Medicine and Health. Vol. 37 No. 3, 2009, pp. 79-95
24. Lee CH, Lee JM, Wu DC, Goan YG, Chou SH, Wu IC, Kao EL, Chan TF, Huang MC, Chen PS, Lee CY, Huang CT, Huang HL, **Hu CY**, Hung YH, Wu MT. Carcinogenetic impact of ADH1B and ALDH2 genes on squamous cell carcinoma risk of the esophagus with regard to the consumption of alcohol, tobacco and betel quid. International Journal of Cancer 2008 Mar 15; 122(6):1347-56. John Wiley & Sons, Inc. 2008.
25. **Hu CY**, Raymond DJ. Lessons Learned from Hazardous Chemical Incidents – Louisiana Hazardous Substances Emergency Events Surveillance (HSEES) System. Journal of Hazardous Material, Elsevier Ireland Ltd. 2004, Vol 115, Issues 1-3 , 11 Nov 2004, P 33-38
26. **Hu CY**, Acuna-Askar K, Englande AJ Jr. Bioremediation of Methyl Tertiary-Butyl Ether (MTBE) by Innovative Biofilter. Water Science and Technology, Elsevier Science Ltd., Oxford, U. K. 2004 Vol 49 No 1 pp 87–94.
27. Acuna-Askar K, Englande AJ Jr, **Hu CY**, Jin G. Methyl tertiary-butyl ether (MTBE) Biodegradation in Batch and Continuous Upflow Fixed-biofilm Reactor in Waste Minimization and End of Pipe Treatment in Chemical and Petrochemical Industries, Water Science and Technology, Elsevier Science Ltd., Oxford, U. K. 2001 Vol 42 No 5-6 pp 153–161.
28. Acuna-Askar K, Englande AJ Jr, **Hu CY**, Jin G. Methyl tertiary-butyl ether (MTBE) Biodegradation in Batch Reactors. Rev. Soc. Quim. 2001 Mex. 45; 51. ISSN 0583-7693 (In Spanish).
29. Acuna-Askar K, Englande AJ Jr, **Hu CY**, Jin G. Methyl tertiary-butyl ether (MTBE) biodegradation in batch and continuous upflow fixed-biofilm reactors. Water Science & Technology. Vol 42 No 5-6 pp 153–161 IWA Publishing 2000. London, UK. ISSN: 0273-1223

Refereed Publication in Journal Supplement or in Conference Proceedings

1. Tseng TS, Chiu YW, Espinoza F, **Hu CY**. Cultural and Linguistic Services in a Public Hospital: A Pilot Study. *Annals of Behavioral Medicine*. 43(suppl): S231, 2012.
2. **Hu CY**, Diaz JH, Chiu YW, Harrington DJ, Chiu YR. Emergency Post-hurricane Debris Landfills in New Orleans: More Superfund Sites? *Public Health Report - Abstracts from 2009 National Environmental Public Health Conference*. 2010
3. Chiu YR, **Hu CY**, Chiu, YW. Rainwater Harvesting System with GIS-aided Resources Conservation Planning. *Public Health Report - Abstracts from 2009 National Environmental Public Health Conference*. 2010
4. Diaz JH, **Hu CY**, Harrington DJ. Proportionate Cancer Mortality in Methylmethacrylate-Exposed Healthcare Workers. *Public Health Report - Abstracts from 2009 National Environmental Public Health Conference*. 2010
5. **Hu CY**, Chiu YR. Rainwater Harvesting or Not? A Cost/Benefit Analysis Using Water-Energy Correlation and GIS-Based Precipitation Simulation in Taipei, Taiwan. *Proceedings of the annual Water Environment Federation Technical Exhibition and Conference (WEFTEC) 2009*
6. Chiu YR, Liaw CH, **Hu CY**, Chang HH. Applying GIS-based Rainwater Harvesting Design System in the Water-Energy Conservation Scheme of Large Cities. *Proceedings of the 13th International Conference on Computer Supported Cooperative Work in Design (CSCWD 2009) Chile*, pp.722-727. 2009
7. **Hu CY**, Acuna-Askar K, Englande AJ Jr. Bioremediation of Methyl Tertiary-Butyl Ether (MTBE) by Innovative Biofilter. *Proceedings of the 5th International Water Association, Specialized Conference on Chemical Industries*. pp. 167-174. 2002
8. **Hu CY**, Englande AJ Jr, Wiese T. Methyl tertiary-Butyl Ether (MTBE) Biodegradation in a Continuous Upflow Fixed-Biofilm Reactor. *Proceedings of Annual Water Environment Federation Technical Exhibition and Conference (WEFTEC) 2002*.
9. Holland J, Hattier L, Reimers R, Englande AJ Jr, **Hu CY**, Geeti A. Comparison of Mixed Oxidants to Ozone for Disinfection and Reduction of Health Risks from Recalcitrant Compounds. *Proceedings of Water Environmental federation (WEF) Disinfection 2002: Health and Safety Achieved through Disinfection*. 2002
10. Englande AJ Jr, Day J, Jin G, Rybczyk J, **Hu CY**. Wetlands Restoration Using Wastewater Effluent- An Example of Resource Management. *Proceedings of the*

Water Environment Federation Technical Exhibition and Conference (WEFTEC)
1999. 1999

11. Acuna-Askar K, Englande AJ Jr, **Hu CY**, Jin G. Methyl tertiary-butyl ether (MTBE) Biodegradation in Batch and Continuous Upflow Fixed-biofilm Reactor. Proceeding of the International Association on Water Quality (IAWQ) International Specialist Conference of the Chemical Industries Group. International Water Association (IWA) Publishing. London. ISBN 190022254X. 1999

Non-Peer-Reviewed Technical Report

1. **Hu CY**, Kissler A, Page T, Dugas D, Savoie B. Review of National Response Center Reports for Louisiana 1990-2003: Trend and Risk Factor Analysis. Louisiana Morbidity Report, Louisiana Office of Public Health - Infectious Disease Epidemiology Section. Jan-Feb Vol 16 No 1 pp4-6. 2005
2. **Hu CY**, Raymond DJ. Hazardous Substances Emergency Events Surveillance (HSEES) related injuries in the State of Louisiana, 2001. Louisiana Morbidity Report, Louisiana Office of Public Health - Infectious Disease Epidemiology Section, Vol 14 No 4 pp1-3. 2003