

Curriculum Vitae

Xiaohui Xu, MD, PhD

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1. CONTACT INFORMATION:

Business Address:

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2. PRESENT POSITION:

Department Head and Associate Professor, Department of Epidemiology & Biostatistics,
School of Public Health, Texas A&M Health Science Center, College Station, TX

3. EDUCATION:

YEAR

DEGREE

MAJOR

a. Professional:

Zhejiang University, China	1999	MD	Preventive Medicine
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b. Graduate:

Fudan University, Shanghai, China	2002	MPH	Environmental Health
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c. Graduate:

University of Pittsburgh, Pittsburgh, PA	2007	PhD	Epidemiology
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4. ACADEMIC POSITIONS/EMPLOYMENT:

1997-1998

Clinical Intern

Hangzhou No.6 Hospital, Hangzhou city, Zhejiang Province,
China

1999-2002

Research Assistant

Department of Environmental Health, Fudan University, China

- 2003-2007 **Teaching Fellow**
Department of Epidemiology, Graduate School of Public Health,
University of Pittsburgh, PA, USA
- 2007-2015 **Assistant Professor**
Department of Epidemiology and Biostatistics, College of Public
Health and Health Professions, University of Florida
- 2015- present **Associate Professor (Tenure)**
Department of Epidemiology & Biostatistics
School of Public Health
Texas A&M Health Science Center
- 2018- **Department Head**
Department of Epidemiology & Biostatistics
School of Public Health
Texas A&M Health Science Center

5. Grant review panels

a. National and International Levels

a1. NIH and EPA

- 2012 The Children's Environmental Health and Disease Prevention Research Centers
Review Committee; Baltimore, MD
- 2015 The Children's Environmental Health & Disease Prevention Research Centers
Review Committee; Crystal City, VA
- 2015 The NIEHS/NIH K99/R00 Teleconference Review panel
- 2015 Epidemiology Support Services for the National Institute of Environmental
Health Sciences (NIEHS) Peer Review Committee
- 2016 NIH Director's Early Independence Award reviewer (ZRG1 RPHB-W 53 R)
- 2016 Reviewer for Early Career Awards (K99s, K22s, K25s, & K08s)
- 2016 (NIEHS) P42 Superfund Research Program Peer Review Panel
- 2017 NIH CIHB Study Section, San Francisco, CA
- 2017 NIH/NIEHS Maintenance of Environmental Epidemiology Cohorts Review Panel
- 2017 NIH/NIEHS Special Emphasis Panel 2018/01 ZES1 LAT-S (K8) 1
- 2018 NIH/NIEHS Peer Review Committee for the Sister Study ZES1 RAM-D (BC).
- 2018 NIH/NIEHS R24 Teleconference Review Committee
- 2018 NIH/NIEHS K99/R00 Application Teleconference Review Committee
- 2018 NIH/ NIGMS Center of Biomedical Research Excellence (COBRE) (P20) special
emphasis panel, Rockville MD
- 2019 NIH/NIEHS 2020/01 ZES1 VSM-K (T) - Ruth L. Kirschstein National Research
Service Award Institutional Research Training Grants
- 2019 NIH/NIEHS Special Emphasis Panel/Scientific Review Group **2020/01 EHS (T)**
meeting for reviewing T32 application.

- 2020 NIH/NIEHS the Environmental Health Sciences Review Committee (EHSRC) and Ad Hoc Reviewers
- 2020 NIH/NIEHS Special Emphasis Panel/ ZES1 LKB K R the Pregnancy as a Vulnerable Time Period for Women's Health Review panel meeting 1.
- 2020 NIH/NIEHS Special Emphasis Panel/ ZES1 VSM K R grant review panel meeting 2
- 2020 NIH/NIEHS Special Emphasis Panel/ ZES1 LWJ K R grant review panel meeting 3
- 2020 NIH/NIEHS R21 Time-Sensitive Applications Review panel

a2. Other organizations

- 2014- American Heart Association Outcomes Population Committee
- 2018- Workshop panel on the Global Burden of Disease-Pollution and Health Initiative, by the Institute for Health Metrics and Evaluation (IHME1) and the Global Alliance on Health and Pollution, Seattle, WA

a3. National Cancer Institute –Italy

- 2017 Grant Reviewer the National Cancer Institute in Milan, Italy

b. Local organizations

- 2012 UF Florida Climate Center Sea Grant review
- 2015 UF College of Pharmacy PROSPER Excellence Award Review
- 2020 TAMU x-grant review panel

6. COMMITTEE AND BOARD MEMBERSHIPS

a. National and International organizations

- 2013- Member- Society of Epidemiology Research
- 2008- Member-International Society of Environmental Epidemiology (ISEE)
- 2008- Member- American Public Health Association (APHA)
- 2007 Pennsylvania Public Health Association (PPHA)

b. Universities

b.1 Texas A&M University

i. University Committees

- 2020 TAMHSC Neurobiology, Behavior & Cognition Task Force
- 2020 TAMU the X-Grants program Reviewers

ii. School of Public Health, Texas A&M Health Science Center

- 2015-2016 MPH Core Curriculum Committee Phase I-III
- 2016 Member- Faculty Search Committees, Department of Epidemiology & Biostatistics
- 2017- Faculty Search Committees, Department of Epidemiology & Biostatistics
- 2018- Faculty Search Committees, Department of Epidemiology & Biostatistics

- 2018- The Promotion and Tenure Committee of the Department of Epidemiology and Biostatistics
- 2018- The SPH Executive Committee member
- 2019- Department Head Steering Committee
- 2019- Member – Executive Dean Search Committee for School of Public Health
- 2021- Chair, Faculty Search Committees, Department of Epidemiology & Biostatistics

b.2 University of Florida Committees

i. University Wide

- 2008 Member-IRB-01 Committee
- 2008-2011 Marshal - Commencement Ceremony
- 2011 Reviewer- Florida Sea Grant

ii. College of Public Health and Health Professions

- 2008 Member- Faculty Search Committee, Department of Community Health and Behavioral Science
- 2008-2010 Epidemiology Concentration Coordinator, Department of Epidemiology and Biostatistics
- 2008-2011 Marshal -Commencement Ceremony
- 2009 Member - PhD Exam Committee, Department of Epidemiology and Biostatistics
- 2009-2013 Member- Faculty Search Committee, Department of Epidemiology
- 2011-2015 Member- Information Technology Committee
- 2011-2014 Chair- PhD Admission Committee, Department of Epidemiology
- 2012-2015 Member- PPHP Scholarship & Financial Aid Committee

7. HONORS AND AWARDS

- 1999 Liangbang Scholarship Award, Fudan University, China
- 2002 Guanghua Scholarship Award, Fudan University, China
- 2003-2004 Dean Scholarship, Graduate School of Public Health, University of Pittsburgh
- 2004-2007 Teaching Fellowship at the Graduate School of Public Health in the University of Pittsburgh
- 2008 Omicron Chapter of Delta Omega best dissertation award, University of Pittsburgh
- 2012 Delta Omega, Honorary Society of Public Health, Faculty member, University of Florida
- 2013 UF faculty Enhancement Award, University of Florida
- 2019 SPH Faculty Research Excellence Award at Associate/Full professor, TAMU

8. EDITORIAL RESPONSIBILITIES

a. Editorial Board

- 2010- Editorial Board-International Journal of Environment and Health
- 2011- Editorial Board-Journal of Solid Tumors
- 2013- Editorial Board-World Journal of Meta-Analysis.
- 2013- Editorial Board-Frontiers in Epidemiology
- 2013 Guest editor –Environmental Health Insights
- 2014- Editorial Board-Annals of Translational Medicine & Epidemiology
- 2015- Editorial Board- Austin Journal of Pulmonary and Respiratory Medicine
- 2015- Associate Editor- Frontiers in Public Health: Epidemiology
- 2016- Editor-Epidemiology International Journal
- 2017- Editorial Board- Journal of Epidemiology & Health Care
- 2017- Editorial Board- *Environmental Disease*
- 2017- Guest Editor- *PLOS ONE*
- 2018- Academic editor- *PLOS ONE*

b. Ad hoc Reviewer

1. Acta Paediatrica
2. American Journal of Epidemiology
3. Annals of Epidemiology
4. Archive of Environmental and Occupational Health
5. Archives of General Psychiatry
6. Asia-Pacific Journal of Public Health
7. Atmospheric Environment
8. Atmospheric Pollution Research
9. Biodemography and Social Biology
10. BMJ Open
11. Clinical Epidemiology
12. Environmental Geochemistry and Health
13. Environmental International
14. Environmental Health
15. Environmental Health Insights
16. Environmental Perspective Health
17. Environmental Pollution
18. Environmental Research
19. Environmental Science & Technology
20. Frontier in Public Health
21. International Archives of Occupational and Environmental Health
22. International Journal of Environment and Health
23. International Journal of Health Geographics
24. International Journal of Nursing Studies
25. International Journal of Public Health
26. International Journal of Women's Health
27. Journal of the Air & Waste Management Association
28. Journal of American College Health

29. Journal of Asthma and Allergy
30. Journal of Autism and Developmental Disorders
31. Journal of Clinical Endocrinology & Metabolism
32. Journal of Environmental and Public Health
33. Journal of Exposure Analysis and Environmental Epidemiology
34. Journal of Health Care for the Poor and Underserved
35. Journal of Racial and Ethnic Health Disparities
36. Journal Solid Tumors
37. Journal of Women's Health
38. Pediatrics
39. Pediatric Pulmonology
40. PLOS one
41. Preventing Chronic Disease
42. Science of the Total Environment
43. Social Indicators Research
44. Stroke
45. Tobacco Use Insights
46. Toxics
47. World Journal of Radiology
48. World Journal of Psychiatry

c. Conference abstract reviewer:

- The APHA Annual Meeting (2012-2015)
- The Annual Conferences of the International Society for Environmental Epidemiology (2014-2015)
- The Annual Conferences of Society of Epidemiology Research (2016)
- The Int. Soc. for Environmental Epidemiology and Exposure Science Asia Chapter (2018 Taipei)

9. RESEARCH SUPPORT

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|-----------|--|-------------------|
| 2020-2021 | Cannabis Derived Products Impacts On Companion Animals And Adolescents (PI: Dai, Yuan) | |
| | Funding source: TAMU T3 program | Budget: \$32,000 |
| | Role: Co-PI | |
| 2018-2019 | Acute Health Effects of Occupational Exposure to Nanoparticles on Cardiopulmonary Functions. | |
| | Funding source: TAMU T3 program | Budget: \$32,000 |
| | Role: PI | |
| 2019-2022 | Community Pediatric Diabetes and Obesity Education and Intervention Pilot Project (PI: Carrillo) | |
| | Funding: Knapp Community Care Foundation | Budget: \$370,666 |
| | Role: Co-PI | |

- 2019-2020 Heat extremes in major metropolitan area of Texas: Fusion of High resolution climate model and remote sensing data for assessing the human exposure and health risks (PI: Dr. Yangyang Xu)
Funding: TMAU School of Innovation's Innovation [X] Program
Budget: \$20,000
Role: Co-PI
- 2019-2020 The Impact of Virtual Reality/Biophilic Environment on distress and pain in Oncology Patients
Funding: Center For Health & Nature, Houston Methodist Research Institute
Budget: \$25,000
Role: Co-I
- 2018-2022 Air pollution and Alzheimer's Disease and Related Outcomes. (PI: Power at GWU)
Funding: NIA/NIEHS (1R01ES029509-01) Budget: \$2.5 million
Role: TAMU site PI (20%)
- 2018-2021 Point-of-care diagnosis and monitoring of respiratory disease through exhaled breath analysis.
Funding source: X-grant, TAMU. Budget: 1.38 million
Role: Co-Investigator
- 2018-2020 Hospital asthma discharge and its relation to hazardous air pollution.
Funding source: Global Institute for Hispanic Health. (PI: Carrillo)
Role: Co-Investigator Budget: \$25,000
- 2018-2019 Acute Health Effects of Occupational Exposure to Nanoparticles on Cardiopulmonary Functions.
Funding source: TAMU T3 program Budget: \$32,000
Role: PI
- 2018 Working On Capacity Building To Improve Children's Environmental Health. (PI: Carrillo)
Funding: The U.S Environmental Protection Agency Budget: \$45,000
Role: Co-PI (5%)
- 2016-2018 Texas One Gulf Center of Excellence Disaster (DR2 projects, PI: Horney)
Funding: Research Response (DR2) Program, Disasters and Environmental Vulnerability Budget: \$75,000
Role: Co-I (5%)

- 2016-2017 Interaction between Genes and Air Pollution in Relation to
Cardiometabolic Risk in US Population
Funding: TAMU SPH REDI Pilot Funding Budget: 25,000
Role: PI
- 2016-2017 Community-Based Pediatric Asthma Education and Intervention Program
Funding: Knapp Community Care Center (PI: Carrillo) Budget: \$374,042
Role: Co-Investigator (5%)
- 2016 Healthy South Texas, “State of Texas Special Item Funding”. (PI: Carrillo)
The project will develop a WebEx asthma training module for AgriLife
Extension agents in English and Spanish, and education to Community
Health Workers (CHW) using the Asthma and Healthy Homes accredited
with three by the Department of State and Health Services. The CHW
curriculum will be available online in English and Spanish.
Budget: \$95,000 April -August 20
Role: Co-investigator (10%)
- 2015 Social capital and HIV risk behavior among rural migrants in China.
Funding: NIH/NIMH (PI: Chen D Award #: R01 MH086322) Total direct
costs: \$ 325,016
Goal: Obtaining random samples using PIS/GPS technology to describe
the prevalence of HIV risk behavior among rural migrants in China and to
assess migration-related social capital change as it related to the risk
behaviors for prevention intervention.
Role: Co-investigator (10%)
- 2011-2016 Associations between Ambient Air Pollution and Adverse Birth Outcomes
in Florida.
Funding: NIH/NIEHS (1K01ES019177-01). Budget: \$610,145.00.
Role: PI (75%)
- 2010-2012 Asthma and Air Quality in the presence of Fires -a Foundation for Public
Health Policy in Florida.
Funding: NASA Goddard Space Flight Center (Award #:NNX10AO08G).
(PI - Linda Young, Ph.D.) Budget: \$ 199,231
Role: Co-investigator (3-5%)
- 2010-2014 Studying the association between air pollution and stroke hospitalizations:
Time series vs. case crossover analysis.
Funding: American Heart Association (Award #:10SDG3780005).
Budget: \$297,284.
Role: PI (20-30%)

c. Sub-contracts

- 2009-2010 Principal Investigator - CDC Environmental Tracking and Disease surveillance. From University of Pittsburgh. \$8,501 (PI Talbott).
2009 Principal Investigator - Using EPHT Case-Crossover Analysis (tool) to evaluate acute myocardial infarctions (AMI) hospitalizations with air pollution. \$24,570 (Florida Department of Health).

10. TEACHING RESPONSIBILITIES

- 2004-2007 **Teaching fellow**, Department of Epidemiology, University of Pittsburgh
(**Courses:** Principles of Epidemiology; Epidemiology Methods I; Environmental Epidemiology; Seminar in Epidemiology)
2008-2015 **Principal Instructor: Epidemiology Methods I (PHC 6000)**, Department of Epidemiology, College of Public Health and Health Professions, University of Florida
2009-2015 **Principal Instructor: Measurement in Epidemiology & Outcomes Research (PHC 6711)**, Department of Epidemiology, College of Public Health and Health Professions, University of Florida
2009-2015 **Principal Instructor: Spatial Epidemiology (PHC 6973)**, Department of Epidemiology, College of Public Health and Health Professions, University of Florida
2016- **Principal Instructor: Epidemiology Methods II (PHEB 610)**, Department of Epidemiology & Biostatistics, School of Public Health, Texas A&M University
2017- **Principal Instructor: Epidemiology Methods I (PHEB 600)**, Department of Epidemiology & Biostatistics, School of Public Health, Texas A&M University
2018- **Principal Instructor: SAS preprogramming for Epidemiological Research**
Department of Epidemiology & Biostatistics, School of Public Health, Texas A&M University

Teaching effectiveness is rated on a 5 point scale where 1= poor, 2=below average, 3= average, 4=above average, and 5=excellent

All courses listed role is lead instructor

Course name	Semester	# students (% responded)	Teaching Effectiveness (5 pts)
Epidemiology method 2 (TAMU)	2016 Spring	34 (58%)	4.27

	2017 Spring	30 (90%)	4.40
	2018 Spring	35 (100%)	4.50
Epidemiology method 1 (TAMU)			
	2017 Spring	23 (95%)	4.60
SAS preprograming for Epidemiological research (TAMU)			
	2018	17 (94%)	4.30
	2019		
Epidemiology method 1 (UF)			
	2008 Spring	33 (87%)	4.69
	2009 Spring	22 (68%)	4.60
	2010 Spring	33 (66%)	4.10
	2011 Spring	24 (91%)	4.38
	2012 Spring	29 (86%)	4.28
	2013 Spring	34 (70%)	4.50
Spatial Epidemiology (UF)			
	2009 Fall	9 (100%)	4.44
	2010 Fall	17 (76%)	3.92
	2011 Fall	11 (100%)	4.36
	2012 Fall	27 (66%)	4.56
	2013 Fall	20 (80%)	4.20
	2014 Fall	21 (61%)	4.46
Measurement in Epidemiology (UF)			
	2009 Spring	5 (100%)	4.80
	2010 Spring	7 (100%)	4.71
	2011 Spring	9 (88%)	4.75

11. MENTORING

a. MPH (chair and advisor)

Texas A&M University:

1. 2015-2017 Jeremy Riser
2. 2016-2018 Taylor Dailey
3. 2016-2018 Oluwaseun B. Aloba
4. 2016-2018 Aniruddha Rathod
5. 2016-2018 Danielle Sanders
6. 2016-2018 Muppala Narasimharaju Pra Raju
7. 2017-2019 Mohit Sharma
8. 2017-2019 AKM Islam
9. 2017-2019 Kamira Brown
10. 2018- Yau Adamu

University of Florida:

11. 2009 Caitlin Knox. Thesis project: A Drug Use Evaluation at North Florida Regional Medical Center Department of Pharmacy Services.
12. 2009 Sheridan Major. Thesis project: Patient's perception of hand hygiene.
13. 2009 Lisha Constantine. Thesis project: STD disparities - chlamydia, gonorrhea, syphilis and HIV trends in Florida during 2008.
14. 2009 Katherine Henry. Thesis project: Homicide in Maryland—Maryland Violent Death Reporting System, 2005 & 2006.
15. 2010 Mana Evans. Thesis project: Oral Health Status in Women of Reproductive Age: Counties Served by North Central Healthy Start and Central Healthy Start.
16. 2010 Onyekachukwu Osakwe, Thesis project: Longitudinal trends in the management of staphylococcus aureus infections by pediatric hospitalists.
17. 2011 Tyler Caton. Thesis project: Do Patients with Chronic Symptomatic Clostridium difficile Infections Have Differing Intestinal Flora than Patients with out C. difficile.
18. 2011 Ali Messenger. Thesis project: Determining the Potential Role of the Airline Industry in the Importation of the Dengue Virus into Key West with Passengers with Recent Travel Histories to Dengue-Endemic Locations.
19. 2011 Sandie Ha. Thesis project: Risk of Adverse Birth Outcomes among Florida Family Planning Waiver Participants and Non-Participants
20. 2011 Michael Von Fricken. Thesis project: Arlington County Health Department Tuberculosis Program Evaluation.
21. 2011 Joseph Watson. Thesis project: Incidence and Risk Factors of Motor Vehicle Crash Injuries and Fatalities Involving Teen Drivers in Palm Beach County, Florida, 2005-2009.
22. 2011 Varinder Pannu. Thesis project: Do Patients with Chronic Symptomatic Clostridium difficile Infections Have Differing Intestinal Flora than Patients without C. difficile
23. 2013 Calvin Cortes. Thesis project: Diagnosis of TB at Death: Analysis of Clinical and Demographic Findings in Florida
24. 2013 Asad Patwary. Thesis project: Evaluation of Nutritional Deficiency in Post-Earthquake Haiti: Assessment of Stunting and Wasting Among School Children from Gressier, Haiti.
25. 2013 Carisa L. Boyce. Thesis project: Molecular Evidence of Borrelia spp. in Host-seeking Ticks and White-tailed Deer in North Central Florida
26. 2013 Paulette Blanc. Thesis project: Rates of Comorbidities in Children with Chronic Lung Disease
27. 2014 Jennifer Baker. Thesis project: Evaluation of Racial Disparities in Low Birth Weight within Alachua County
28. 2015 Jaclyn Fosnacht. Thesis project: Developing a patient profile for those infected with Clostridium difficile at a large university hospital
29. 2015 Chao Zheng. Current Student

b. Doctoral Mentoring:

Epidemiology:

Texas A&M University:

- 2016-2020 Xiao Zhang, Dr. PH student; Mentor/Committee chair (Awards: 2017 &2018 APHA Delta Omega Poster Presentation Award and SPH Dr. Jean Brender Student Research Poster Contest 1st, 2nd Place; Publications: 11 papers)
- 2016-2020 Ibrahim H. Gwarzo, Dr. PH student; Committee member
- 2017- Annamarie Bokelmann, Dr. PH student; Mentor/Committee member
- 2017-2020 Raed K. Alotaibi, Dr. PH student; Committee member
- 2018- Bangning Zhang, Mentor/Committee chair
- 2018- Viexy Fang, Dr. PH student; Mentor/Committee chair
- 2019-2020 Benika Dixon, Dr. PH student; Committee member
- 2018- Inyang Uwak, Dr. PH student; Committee member
- 2019-2020 Juha Baek, Dr. PH student; Committee member
- 2018-2020 Katie Kirsch, Dr. PH student; Committee member

University of Florida:

- 2010-15 Claudia Kusano, PhD; Mentor/Committee chair
- 2011-13 Melvin D. Livingston, PhD; Committee member
- 2011-15 Shahab Bozorgmehri, PhD; Committee member
- 2011-15 Sandie Ha, PhD; Mentor/Committee chair (Tenure-track Assistant Professor at UC Merced; Publications: 19 papers at the time of graduate; APHA Omega Delta Poster Award, UF Outstanding Research Award and Top-Scored Abstract)
- 2012-16 Hui Hu, PhD; Mentor/Committee chair (Tenure-track Assistant Professor at UF; 24 Publications at the time of graduate; ISEE Travel award, The Sandra A. Daugherty Award for Excellence in Cardiovascular Disease or Hypertension Epidemiology, American Heart Association)
- 2012-16 Abenaa Acheampong, PhD; Committee member

Other disciplines:

Texas A&M University:

- 2017- Inyang Uwak, Dr. PH, Department of Environmental and Occupational Health; Committee member
- 2017-2019 Ke Huang, MS, Department of Statistics, thesis committee member
- 2017-2019 Francisco Alejandro Montiel Ishino, PhD student, Department of Health and Kinesiology; Committee member
- 2018- Juha Baek, Dr. PH, Department of Environmental and Occupational Health; Committee member

University of Florida:

- 2007-13 Zhoujie Huang, PhD, Department of Geography at UF; Committee member
- 2008-12 Huiping Tsai, PhD, Department of Geography at UF; Committee member
- 2009-14 Caitlin Knox, PhD in Pharmaceutical Sciences; Committee member
- 2009-14 Nami Sonia Yu, PhD in Rehabilitation Science; Committee member
- 2010-14 Qiuyin Qi, PhD, Department of Geography; Committee member

2011-14	Zhuangyu Cai, PhD in Biostatistics, Committee member
2011-14	Emily Leary, PhD, Interdisciplinary Ecology, School of Natural Resources and Environment at UF; Committee member
2011-14	Julie Merten, PhD in Public Health; Committee member
2010-15	David.J. Keellings, PhD, Department of Geography; Committee member
2013-15	Jing Liu, PhD student in Biostatistics, Committee member

12. BIBLIOGRAPHY

a. Peer reviewed papers (“*” Corresponding Author)

1. Patel AS, Talbott EO, Zborowski JV, Rycheck JA, Dell D, **Xu X**, Schwerha J. Risk of cancer as a result of community exposure to gasoline vapors. *Arch Environ Health*, 2004 Oct; 59(10):497-503. [PMID: 16425659]
2. Wang XM, Zhang Y, Kim HP, Zhou Z, Feghali-Bostwick CA, Liu F, Ifedigbo E, **Xu X**, Oury TD, Kaminski N, Choi AM. Caveolin-1: a critical regulator of lung fibrosis in idiopathic pulmonary fibrosis. *J Exp Med*. 2006 Dec 18. [PMID:17178917]
3. Talbott O.E., Zborowski V.J., Rager J., Kip E.K., **Xu X.**, Orchard J.T. Polycystic Ovarian Syndrome(PCOS): A Significant Contributor to the Overall Burden of Type 2 Diabetes in Women. *J Womens Health*, 2007; 16(2):266-272. [PMID:17388735]
4. **Xu X**, Talbott EO, Zborowski JV, Rager JR. Cigarette smoking and the risk of adult leukemia: results from the Three Mile Island cohort study. *Arch Environ & Occup Health*. 2007 Fall; 62(3):131-7. [PMID:18400653]
5. **Xu X**, Zborowski JV, Arena VC, Rager J, Talbott EO. Case-crossover analysis of air pollution and cardiorespiratory hospitalizations: using routinely collected health and environmental data for tracking: science and data. *J Public Health Manag Pract*. 2008 Nov-Dec;14(6):569-76. [PMID:18849777]
6. Pratt RS, Kuller L, Talbott OE, McHugh-Pemu K, Buhar MA and **Xu X**. Prevalence of Hearing Loss in Black and White Elders: Results of the Cardiovascular Health Study. *J Speech Lang Hear Res*. 2009 Aug;52(4):973-89. [PMID:19380605]
7. **Xu X**, Daily BA, People-Sheps M, Talbott OE, Li N., Roth J. Birth Weight as a Risk Factor for Breast Cancer: a Meta-Analysis of 18 Epidemiologic Studies. *J Womens Health (Larchmt)*. 2009; 18(8):1169-78.
8. **Xu X**, Freeman NC, Dailey BA, Ilacqua VA, Kearney G, Talbott EO. Association between Exposure to Alkylbenzenes and Cardiovascular Disease among National Health and Nutrition Examination Survey (NHANES) Participants. *IJOEH*. 2009; 15 (4): 358-391. [PMID:19886349]

9. Cao J, Li W, Tan J, Song W, **Xu X**, Jiang C, Chen G, Chen R, Ma W, Chen B, Kan H. Association of ambient air pollution with hospital outpatient and emergency room visits in Shanghai, China. *Sci Total Environ*. 2009; 407(21):5531-6. [PMID:19665760]
10. **Xu X**, Dailey BA, Freeman NC, Curbow BA, Talbott EO. The effects of birthweight and breastfeeding on asthma among children aged 1-5 years. *Journal of Paediatrics & Child Health*. 2009 Oct 12; 45 (11):646-649. [PMID:19845842]
11. **Xu X**, Dailey BA, Talbott EO, Ilacqua VA, Kearney G, Nabih RA. Associations of serum concentrations of organochlorine (OC) pesticides breast cancer and prostate cancer in US Adults. *Environ Health Perspect*. 2009, 118(1):60-6. [PMID:20056587]
12. Chen R, Pan G, Kan H, Tan J, Song W, Wu Z, **Xu X**, Xu Q, Jiang C, Chen B. Ambient air pollution and daily mortality in Anshan, China: a case-crossover analysis at individual level. *Sci Total Environ*. 2010 Nov 15;408(24):6086-91. [PMID:20889186]
13. **Xu X**, Cook RL, Ilacqua VA, Kan H, Talbott EO. Racial Differences in the Effects of Postnatal Environmental Tobacco Smoke on Neurodevelopment. *Pediatrics*. 2010 Oct; 126(4):705-11. [PMID:20855396]
14. **Xu X**, Cook RL, Ilacqua VA, Kan H, Talbott EO, Kearney G. Studying Associations between Urinary Metabolites of Polycyclic Aromatic Hydrocarbons (PAHs) and Cardiovascular Diseases in the United States. *Sci Total Environ*. 2010 Oct 1;408(21):4943-8. [PMID:20701951]
15. Cook RL; **Xu X**, Yablonsky E, Sakata N, Tripp J, Sejvar J, Hess R, Piazza P, Rinaldo CR. Demographic and clinical factors associated with long-term symptoms after West Nile virus infection. *Am. J. Trop. Med. Hyg.*, 83(5), 2010, pp. 1133-1136. [PMID:21036852]
16. Chen R, Pan G, Kan H, Tan J, Song W, Wu Z, Xu X, Xu Q, Jiang C, Chen B. Ambient air pollution and daily mortality in Anshan, China: a time-stratified case-crossover analysis. *Sci Total Environ*. 2010 Nov 15;408(24):6086-91.
17. Chen RJ, Chu C, Tan JG, Cao JS, Song WM, **Xu X**, Jiang C, Ma WJ, Yang Cx, Chen BH, Gui YH, Kan HD. Ambient air pollution and hospital admission in Shanghai, China. *J Hazard Mater*. 2010 Sep 15;181(1-3):234-40. [PMID:20537796]
18. Li Y, Wang W, Kan H, **Xu X**, Chen B. Air quality and outpatient visits for asthma in adults during the 2008 Summer Olympic Games in Beijing. *Sci Total Environ*. 2010 Feb 1;408(5):1226-7. [PMID:19959207]

19. **Xu X**, Sharma RK, Talbott EO, Zborowski JV, Rager J, Arena VC, Volz CD. PM10 air pollution exposure during pregnancy and term low birth weight in Allegheny County, PA, 1994-2000. *Int Arch Occup Environ Health*. 2011 Mar;84(3):251-7. [PMID:20496078]
20. Zhang ZJ, Hao K, Shi R, Zhao G, Jiang GX, Song Y, **Xu X**, Ma J. GSTM1, GSTT1 polymorphisms, smoking and their interaction on oral cancer: a HuGE review and meta-analysis. *Am J Epidemiol*. 2011 Apr 15;173(8):847-57. [PMID:21436184]
21. Talbott EO, **Xu X**, Youk AO, Rager JR, Stragand JA. Risk of leukemia as a result of community exposure to gasoline vapors: A follow-up study. *Environ Res*. 2011 May;111(4):597-602. [PMID:21453914]
22. Ma Y, Chen R, Pan G, **Xu X**, Song W, Chen B, Kan H. Fine particulate air pollution and daily mortality in Shenyang, China. *Sci Total Environ*. 2011 Jun 1;409(13):2473-7. [PMID:21481436]
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Peer-reviewed papers in Chinese:

109. Yuan D, **Xu X**, Ye SH. Comparative Study on Lead Exposure Among Children in Urban and Rural Area After Application of Lead-free Gasoline, *Journal of Environment and Health*, 2000 (6):351-354. [Chinese]
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114. Yuan D, Ye SH, **Xu X**, Qi PP. The effect of use of unleaded gasoline on the concentration of blood lead and intelligence quotient in school-aged children and its elementary economic analysis. *Journal of Environment & Occupational Medicine*, 2004 21(2):104-106,152. [Chinese]
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116. Ye SH, Yuan D, Zhou W, **Xu X**, Qi PP. The toxicity of methyl tert-butyl ether (MTBE) and automobile exhaust before and after application of lead-free gasoline and their health effects. *Bulletin of Medical Research*, 2004 33(3):29. [Chinese]

b. Invited publications

Book Chapters

1. **Xu X.**, Kan. H, and Ha S. Air Pollution and Adverse Pregnancy Outcomes. The impact of air pollution: on health, economy, environmental and agricultural sources. Intech Open Access Publisher, 2011(ISBN 978-953-307-528-0), pgs. 93-116.

13. PRESENTATIONS

1. Fang V., Xu X. (2021). Ambient Air Pollution Exposure and COVID-19 Case Fatalities in Texas. Poster presentation for Society for Epidemiological Research (In submission)
2. Fang V., Xu X. (2021). Spatial patterns of obesity and associated risk factors in Colorado. Poster presentation for Global Health & Innovation Conference – 18th Annual Meeting, Virtua Event, April 8-11, 2021.
3. Fang V., Xu X. (2020). Association between obesity exposure and insomnia in the U.S. population. Poster presentation at American College of Epidemiology – 23rd Annual Meeting, College Park, MD, September 21-23, 2020.
4. Moreno, A., Baek, J., Roh, T., Xu, X, Carrillo, G. “Assessing Impact of Household Intervention on Indoor Air Quality and Health of Children with Asthma in the US-Mexico Border: a Pilot Study” 2020 American Public Health Association Conference (Virtual / October 24-28, 2020)
5. Air pollution and Adverse Pregnancy Outcomes. Toxicology Seminar at the Texas A&M University Interdisciplinary Faculty of Toxicology, April 17, 2019
6. Trend in passive smoke exposure and association between serum cotinine level and asthma in US children aged 3-12 years: NHANES 2003-2012. 2018 Texas APHA
7. Ozone Exposure, Glucose Homeostasis and Insulin Resistance in the USA. The ISES-ISEE 2018 Joint Annual Meeting in Ottawa, Canada, 26-30 August 2018

8. Family history of prostate cancer and age-related patterns of serum testosterone levels among US males. APHA 2018 Annual Meeting, November, San Diego CA
9. The role of danger associated molecular patterns and pentraxin-3 in preeclampsia and gestational diabetes mellitus. The Society for Pediatric & Perinatal Epidemiologic Research Meeting, Seattle, WA 2017
10. A Systematic Assessment of Carcinogenicity of Chemicals in Hydraulic-Fracturing Fluids and Flowback. The 50th Anniversary Annual Meeting of the Society for Epidemiologic Research, Seattle, WA June 22, 2017.
11. School-Related Hazardous Air Pollutants in the US-Mexico Border Area and Asthma Prevalence in School Children. APHA 2017 Annual Meeting & Expo (Nov. 4 - Nov. 8).
12. Serum folate level and arsenic methylation in the US population: NHANES, 2003–2012. APHA 2017 Annual Meeting & Expo (Nov. 4 - Nov. 8).
13. Ozone and Hypertensive Disorders of Pregnancy in Florida: Examining the Susceptible Exposure Windows. The 2016 Epidemiology Congress of the Americas. Miami, Florida. June 21-24, 2016.
14. Power Plant Emission and Adverse Pregnancy Outcomes. Florida Health of Department Bureau of Epidemiology. October Grand Round. 2015
15. Early Menarche and Gestational Diabetes Mellitus: Results from the NHANES 2007-2012. The 48th Annual SER Meeting (Denver, 2015)
16. Smoking, Serum Cotinine, and Exhaled Nitric Oxide in U.S. Asthmatic and Healthy Population: Results from the National Health and Nutrition Examination Survey 2007-2012. The 48th Annual SER Meeting (Denver, 2015)
17. Racial disparity on the association between pre-pregnancy BMI and pregnancy complications. The 48th Annual SER Meeting to be held June 16-19, 2015 at the Grand Hyatt Denver.
18. Environmental pollution and adverse pregnancy outcomes. The UF reproductive & perinatal biology seminar. February 4, 2015.
19. Health Effects of Air Pollution on Gestational Complications. The 2014 ISEE conference. Seattle, Washington. August 26, 2014
20. Association of Blood Cadmium and Lead with Prostate-Specific Antigen Levels: Results From the 2001-2010 National Health and Nutritional Examination Survey. The 2014 ISEE conference. Seattle, Washington. August 26, 2014
21. Effects of lead exposure on risk of adverse birth outcomes. The 2014 ISEE conference. Seattle, Washington. August 26, 2014
22. The effects of air pollution on adverse birth outcomes. The 47th Annual SER Meeting. Seattle, Washington. June 24, 2014
- 23.** Association of Polycyclic Aromatic Hydrocarbons with Glucose Homeostasis, Metabolic Syndrome, and Diabetes in USA Adults. The 47th Annual SER Meeting. Seattle, Washington. June 24, 2014
- 24.** Effects of lead exposure on risk of adverse birth outcomes. 2015 UF PPHP Research Day. February 10, 2014.
25. Association of Atmospheric Particulate Matter and Ozone with Hypertensive Disorder of Pregnancy in Florida. 2015 UF PPHP Research Day. February 10, 2014.

26. Ambient Air Pollution and Hypertensive Disorders of Pregnancy in Jacksonville, Florida. The joint ISEE, ISES and ISIAQ Environmental Health Conference, August 19-23, 2013, Basel, Switzerland.
27. The Effect of Atmospheric Particulate Matter on Survival of Breast Cancer among US Females. The 46th Annual SER Meeting, June 18-21, 2013, Boston, Massachusetts.
28. Exposure to Pyrethroid Pesticides and Respiratory Symptoms in U.S. Children. 2013 PAS Annual Meeting, May 4-7, 2013. Washington, DC.
29. Population Attributable Risks of Neurobehavioral Disorders Due to Low Birth Weight in U.S. Children. 2013 PAS Annual Conference. May 4-7, 2013, Washington DC.
30. Air Pollution and Cancer Survival. The University of Arkansas Medical Science, 2012, Little Rock, AR.
31. Association between Ozone Exposure and Onset of Stroke in Allegheny County, Pennsylvania 1994-2000. The 24th ISEE Annual Conference, August 26-30, 2012, Columbia, SC.
- 32.** Health Effects of Air Pollution -A Case-Crossover Study in FL. University of South Florida. Tampa, FL. 2011
33. Association of air pollution and cerebrovascular hospitalization from 2006 through 2008 in Wuhan, China. International Stroke Conference 2012, February 1 - 3, 2012, in New Orleans, LA.
34. Association of Blood Cotinine Level with Cognitive Performance in Older Adults. The 3rd North American Congress of Epidemiology, June 21-24, 2011 in Montreal, Quebec, Canada.
35. Effects of Low Birth Weight and Exposure to Low Levels of Lead and Tobacco Smoke on Learning Disabilities in Children. The 2011 Pediatric Academic Societies' & Asian Society for Pediatric Research Joint Meeting, April 30-May 3, 2011, in Denver, Colorado.
36. Assessing the Association between Public Health and Environmental Factors. SRA 2009 Annual Meeting -Risk Analysis: The Evolution of a Science. Baltimore, Maryland, USA- 2009 December 6-9,
37. Case-Crossover Analysis of Air Pollution and Cardiopulmonary hospitalizations in Hazelwood, PA. American Public Health Association 136th Annual Meeting. San Diego, CA, USA- 2008 October 25-29.
38. Local Variation in Particulate Air Pollutant during Pregnancy and Term Low Birth Weight in Allegheny County, PA, USA. The International Society for Environmental Epidemiology Annual Conference. Pasadena, CA, USA- 2008 October
39. Long-term symptoms and cytokine response in persons with West Nile Virus. 31st annual SGIM Meeting, Pittsburgh PA, USA- 2008 April
40. Long Term Symptoms and Cytokine Response in Persons Infected with West Nile Virus. Research Retreat for the Emerging Pathogens Institute University of Florida, USA- 2007 December 13
41. Are criteria air pollutants sensitive markers of air quality for major point source emissions? A case example from Pittsburgh, PA. National Environmental Public Health Tracking Program Conference. Atlanta, GA, USA- 2006 August 9-11

42. Smoking and Risk of adult Leukemia: Results from Three Mile Island (TMI) adult cohort study. Pennsylvania Public Health Association Annual Conference. Harrisburg, PA, USA- 2006 September
43. The health effect of automobile exhaust related air pollution on School age Children in Shanghai. 2002-America and China Research Symposium of Environmental & Occupational Health Shanghai, China- 2002
44. The effect of methyl tert-butyl ether (MTBE) on rat serum enzyme activity and ultra-structural cellular changes of renocortical region. 3rd National Conference of Chinese Society of Toxicology. Nanjing, China- 2001

Acknowledgement:

The CV being submitted is the most current and is correct as of the date of the signature.

Signature:  Date: 04-16-2020