

February, 2025

CURRICULUM VITAE

Yanling Deng

Emory University
Rollins School of Public Health
1518 Clifton Rd, Atlanta, GA 30322

yanling.deng@emory.edu
Tel: (470)9626020
Mobile phone: 15971476775

EDUCATION BACKGROUND

2017-2022 Huazhong University of Science and Technology, Tongji Medical
College, School of Public Health
Ph.D., Environmental Epidemiology
Advisor: Prof. Qiang Zeng

2012-2017 University of South China, School of Public Health
MBBS, Preventive Medicine

ACADEMIC APPOINTMENTS/WORK EXPERIENCE

2022-Present Postdoctoral Research Fellow, Emory university, Rollins school of
public health, Department of Environmental Health
Mentors: Prof. Yang Liu and Prof. Kyle Steenland

HONORS AND AWARDS

2021 "National Scholarship of Doctoral Students" of Ministry of Education
of the People's Republic of China

2021, 2019 "Outstanding Postgraduates" of Huazhong University of Science and
Technology

2021 "Outstanding Presentation Award" of the 16th Postgraduate
Symposium on Environmental and Occupational Medicine

2019 "Zhixing Excellent Scholarship" of Huazhong University of Science
and Technology

PUBLICATIONS

Summary: Total: 51; First author: 11; Corresponding author: 1.

Google Scholar citations (as of February 2024): 988, h-index: 18; i10-index: 31

Peer-Reviewed Articles

First or co-first author[#] or corresponding author* papers

1. **Deng YL***, Steenland K, Sinharoy SS, Peel JL, Ye W, Pillarisetti A, Eick SM, Chang HH, Wang J, Chen Y, Young BN, Clark ML, Barr DB, Clasen T. 2024. Association of household air pollution exposure and anemia among pregnant women: Analysis of baseline data from 'Household Air Pollution Intervention Network (HAPIN)' trial. *Environ Int* 190:108815, PMID: 38889623, <http://doi.org/10.1016/j.envint.2024.108815>.
2. **Deng YL[#]**, Lu TT[#], Hao H, Liu C, Yuan XQ, Miao Y, Zhang M, Zeng JY, Li YF, Lu WQ, Zeng Q. 2024. Association between Urinary Haloacetic Acid Concentrations and Liver Injury among Women: Results from the Tongji Reproductive and Environmental (TREE) Study. *Environ Health Perspect* 132(1):17006, PMID: 38261302, <http://doi.org/10.1289/EHP13386>.
3. **Deng YL**, Liu C, Yuan XQ, Luo Q, Miao Y, Chen PP, Cui FP, Zhang M, Zeng JY, Shi T, Lu TT, Li YF, Lu WQ, Zeng Q. 2023. Associations between Urinary Concentrations of Disinfection Byproducts and in Vitro Fertilization Outcomes: A Prospective Cohort Study in China. *Environ Health Perspect* 131(9):97003, PMID: 37671782, <http://doi.org/10.1289/EHP12447>.
4. **Deng YL**, Luo Q, Liu C, Zeng JY, Lu TT, Shi T, Cui FP, Yuan XQ, Miao Y, Zhang M, Chen PP, Li YF, Lu WQ, Zeng Q. 2022. Urinary biomarkers of exposure to drinking water disinfection byproducts and ovarian reserve: A cross-sectional study in China. *J Hazard Mater* 421:126683, PMID: 34315024, <http://doi.org/10.1016/j.jhazmat.2021.126683>.
5. **Deng YL**, Luo Q, Yuan XQ, Liu C, Lu TT, Shi T, Zeng JY, Cui FP, Miao Y, Zhang M, Chen PP, Yao YC, Wu LJ, Jiang HH, Yao QY, Li YF, Lu WQ, Zeng Q. 2022. Associations between drinking water disinfection byproducts and menstrual cycle characteristics: A cross-sectional study among women attending an infertility clinic. *Int J Hyg Environ Health* 241:113931, PMID: 35114412, <http://doi.org/10.1016/j.ijheh.2022.113931>.
6. **Deng YL[#]**, Liao JQ[#], Zhou B, Zhang WX, Liu C, Yuan XQ, Chen PP, Miao Y, Luo Q, Cui FP, Zhang M, Sun SZ, Zheng TZ, Xia W, Li YY, Xu SQ, Zeng Q. 2022. Early life

- exposure to air pollution and cell-mediated immune responses in preschoolers. *Chemosphere* 286(Pt 3):131963, PMID: 34426263, <http://doi.org/10.1016/j.chemosphere.2021.131963>.
7. **Deng YL**, Yang P, Wang YX, Liu C, Luo Q, Shi T, Zeng JY, Lu TT, Chen PP, Miao Y, Zhang M, Cui FP, Lu WQ, Zeng Q. 2022. Urinary concentrations of polycyclic aromatic hydrocarbon and phthalate metabolite mixtures in relation to semen quality among men attending an infertility clinic. *Environ Sci Pollut Res Int* 29(54):81749-81759, PMID: 35737263, <http://doi.org/10.1007/s11356-022-21525-y>.
 8. **Deng YL**, Yang P, Cao WC, Wang YX, Liu C, Chen YJ, Huang LL, Lu WQ, Wang LQ, Zeng Q. 2019. Urinary biomarker of late pregnancy exposure to drinking water disinfection by-products and ultrasound measures of fetal growth in Wuhan, China. *Environ Res* 170:128-133, PMID: 30579986, <http://doi.org/10.1016/j.envres.2018.12.018>.
 9. Liu C[#], **Deng YL**[#], Yuan XQ, Chen PP, Miao Y, Luo Q, Zhang M, Cui FP, Yao W, Zeng JY, Shi T, Lu TT, Li YF, Lu WQ, Zeng Q. 2022. Exposure to disinfection by-products and reproductive hormones among women: Results from the Tongji Reproductive and Environmental (TREE) study. *Environ Res* 209:112863, PMID: 35123968, <http://doi.org/10.1016/j.envres.2022.112863>.
 10. Zhang M[#], **Deng YL**[#], Liu C, Chen PP, Luo Q, Miao Y, Cui FP, Wang LQ, Jiang M, Zeng Q. 2021. Urinary phthalate metabolite concentrations, oxidative stress and thyroid function biomarkers among patients with thyroid nodules. *Environ Pollut* 272:116416, PMID: 33433341, <http://doi.org/10.1016/j.envpol.2020.116416>.
 11. **Deng YL**, Zeng Q. Effects of exposure to disinfection byproducts on fetal growth and development: Research progress and perspectives. 2022. *Journal of Environmental and Occupational Medicine*, 39 (5): 1-9. (In Chinese)
 12. **Deng YL**, Zeng Q. 2025. Effects of exposure to drinking water disinfection byproducts on female reproductive health. *Journal of Environmental Hygiene* 1(15):46-54, <http://doi.org/10.13421/j.cnki.hjwsxzz.2025.01.006>. (In Chinese)

Co-author papers

13. An N, Zhang M, Zhu QF, Chen YY, **Deng YL**, Liu XY, Zeng Q, Feng YQ. 2024. Metabolomic Analysis Reveals Association between Decreased Ovarian Reserve and In Vitro Fertilization Outcomes. *Metabolites* 14(3), PMID: 38535303, <http://doi.org/10.3390/metabo14030143>.
14. Cui FP, Miao Y, Liu AX, **Deng YL**, Liu C, Zhang M, Zeng JY, Li YF, Liu HY, Liu CJ,

- Zeng Q. 2024. Associations of exposure to disinfection by-products with blood coagulation parameters among women: Results from the Tongji reproductive and environmental (TREE) study. *Ecotoxicol Environ Saf* 269:115741, PMID: 38029584, <http://doi.org/10.1016/j.ecoenv.2023.115741>.
15. Li CR, **Deng YL**, Miao Y, Zhang M, Zeng JY, Liu XY, Wu Y, Li YJ, Liu AX, Zhu JQ, Liu C, Zeng Q. 2024. Exposures to drinking water disinfection byproducts and kidney function in Chinese women. *Environ Res* 244:117925, PMID: 38103773, <http://doi.org/10.1016/j.envres.2023.117925>.
16. Liu XY, **Deng YL**, Chen PP, Liu C, Miao Y, Zhang M, Cui FP, Zeng JY, Wu Y, Li CR, Liu CJ, Zeng Q. 2024. Self-Rated Health and Semen Quality in Men Undergoing Assisted Reproductive Technology. *JAMA Netw Open* 7(1):e2353877, PMID: 38289600, <http://doi.org/10.1001/jamanetworkopen.2023.53877>.
17. Liu XY, Zhang M, Gu XL, **Deng YL**, Liu C, Miao Y, Wu Y, Li CR, Zeng JY, Li YJ, Liu AX, Zhu JQ, Li YF, Liu CJ, Zeng Q. 2024. Urinary biomarkers of drinking-water disinfection byproducts in relation to diminished ovarian reserve risk: A case-control study from the TREE cohort. *Sci Total Environ* 912:168729, PMID: 38007137, <http://doi.org/10.1016/j.scitotenv.2023.168729>.
18. Wu Y, **Deng YL**, Zhang M, Miao Y, Cui FP, Zeng JY, Liu XY, Li CR, Liu AX, Zhu JQ, Li YJ, Liu C, Zeng Q. 2024. Urinary haloacetic acid concentrations and thyroid function among women: Results from the TREE study. *Sci Total Environ* 927:172368, PMID: 38614346, <http://doi.org/10.1016/j.scitotenv.2024.172368>.
19. Zeng JY, Zhang M, Chen XH, Liu C, **Deng YL**, Chen PP, Miao Y, Cui FP, Shi T, Lu TT, Liu XY, Wu Y, Li CR, Liu CJ, Zeng Q. 2024. Prenatal exposures to phthalates and bisphenols in relation to oxidative stress: single pollutant and mixtures analyses. *Environ Sci Pollut Res Int* 31(9):13954-13964, PMID: 38267646, <http://doi.org/10.1007/s11356-024-32032-7>.
20. Zhang M, Liu XY, **Deng YL**, Liu C, Zeng JY, Miao Y, Wu Y, Li CR, Li YJ, Liu AX, Zhu JQ, Zeng Q. 2024. Associations between urinary biomarkers of exposure to disinfection byproducts and semen parameters: A repeated measures analysis. *J Hazard Mater*

461:132638, PMID: 37774606, <http://doi.org/10.1016/j.jhazmat.2023.132638>.

21. Liu C, Wang LQ, Zhang M, **Deng YL**, Luo Q, Liu EN, Chen PP, Miao Y, Yang P, Zeng Q. 2023. Oxidative stress mediates the associations between phthalate exposures and thyroid cancer/benign nodule risk. *Environ Pollut* 326:121462, PMID: 36958664, <http://doi.org/10.1016/j.envpol.2023.121462>.
22. Luo Q, Miao Y, Liu C, Bei E, Zhang JF, Zhang LH, **Deng YL**, Qiu Y, Lu WQ, Wright JM, Chen C, Zeng Q. 2023. Maternal exposure to nitrosamines in drinking water during pregnancy and birth outcomes in a Chinese cohort. *Chemosphere* 315:137776, PMID: 36623593, <http://doi.org/10.1016/j.chemosphere.2023.137776>.
23. Miao Y, Chen PP, Zhang M, Cui FP, Liu C, **Deng YL**, Zeng JY, Yin WJ, Zeng Q. 2023. Within-day variability, predictors, and risk assessments of exposure to parabens among Chinese adult men. *Environ Res* 218:115026, PMID: 36502903, <http://doi.org/10.1016/j.envres.2022.115026>.
24. Yao W, Liu C, Qin DY, Yuan XQ, Yao QY, Li NJ, Huang Y, Rao WT, Li YY, **Deng YL**, Zeng Q, Li YF. 2023. Associations between Phthalate Metabolite Concentrations in Follicular Fluid and Reproductive Outcomes among Women Undergoing in Vitro Fertilization/Intracytoplasmic Sperm Injection Treatment. *Environ Health Perspect* 131(12):127019, PMID: 38150316, <http://doi.org/10.1289/EHP11998>.
25. Zhang M, **Deng YL**, Liu C, Lu WQ, Zeng Q. 2023. Impacts of disinfection byproduct exposures on male reproductive health: Current evidence, possible mechanisms and future needs. *Chemosphere* 331:138808, PMID: 37121289, <http://doi.org/10.1016/j.chemosphere.2023.138808>.
26. Zhang M, Liu C, Yuan XQ, Cui FP, Miao Y, Yao W, Qin DY, **Deng YL**, Chen PP, Zeng JY, Liu XY, Wu Y, Li CR, Lu WQ, Li YF, Zeng Q. 2023. Individual and joint associations of urinary phthalate metabolites with polycystic ovary and polycystic ovary syndrome: Results from the TREE cohort. *Environ Toxicol Pharmacol* 102:104233, PMID: 37473789, <http://doi.org/10.1016/j.etap.2023.104233>.
27. Zhang M, Liu C, Yuan XQ, Cui FP, Miao Y, Yao W, Qin DY, **Deng YL**, Chen PP, Zeng JY, Liu XY, Wu Y, Li CR, Lu WQ, Li YF, Zeng Q. 2023. Oxidatively generated DNA

- damage mediates the associations of exposure to phthalates with uterine fibroids and endometriosis: Findings from TREE cohort. *Free Radic Biol Med* 205:69-76, PMID: 37279842, <http://doi.org/10.1016/j.freeradbiomed.2023.05.029>.
28. Zhang M, Liu C, Yuan XQ, Yao W, Yao QY, Huang Y, Li NJ, **Deng YL**, Chen PP, Miao Y, Cui FP, Li YF, Zeng Q. 2023. Urinary phthalate metabolites and the risk of endometrial polyp: A pilot study from the TREE cohort. *Environ Pollut* 317:120711, PMID: 36427821, <http://doi.org/10.1016/j.envpol.2022.120711>.
29. Zhou B, **Deng YL**, Zeng Q, Yang P, Hu X. 2023. Associations between repeated measurements of urinary polycyclic aromatic hydrocarbon metabolites and thyroid hormones among reproductive-aged men. *Environ Int* 171:107698, PMID: 36535190, <http://doi.org/10.1016/j.envint.2022.107698>.
30. Chen PP, Liu C, Zhang M, Miao Y, Cui FP, **Deng YL**, Luo Q, Zeng JY, Shi T, Lu TT, Yin WJ, Lu WQ, Yi GL, Qiu G, Zeng Q. 2022. Associations between urinary bisphenol A and its analogues and semen quality: A cross-sectional study among Chinese men from an infertility clinic. *Environ Int* 161:107132, PMID: 35149449, <http://doi.org/10.1016/j.envint.2022.107132>.
31. Chen PP, Yang P, Liu C, **Deng YL**, Luo Q, Miao Y, Zhang M, Cui FP, Zeng JY, Shi T, Lu TT, Chen D, Wang LQ, Liu CP, Jiang M, Zeng Q. 2022. Urinary concentrations of phenols, oxidative stress biomarkers and thyroid cancer: Exploring associations and mediation effects. *J Environ Sci (China)* 120:30-40, PMID: 35623770, <http://doi.org/10.1016/j.jes.2022.01.009>.
32. Cui FP, Liu C, **Deng YL**, Chen PP, Miao Y, Luo Q, Zhang M, Yang P, Wang YX, Lu WQ, Zeng Q. 2022. Urinary and seminal plasma concentrations of phthalate metabolites in relation to spermatogenesis-related miRNA106a among men from an infertility clinic. *Chemosphere* 288(Pt 1):132464, PMID: 34619260, <http://doi.org/10.1016/j.chemosphere.2021.132464>.
33. Yao QY, Yuan XQ, Liu C, Du YY, Yao YC, Wu LJ, Jiang HH, Deng TR, Guo N, **Deng YL**, Zeng Q, Li YF. 2022. Associations of sleep characteristics with outcomes of IVF/ICSI treatment: a prospective cohort study. *Hum Reprod* 37(6):1297-1310, PMID:

35259255, <http://doi.org/10.1093/humrep/deac040>.

34. Zeng JY, Chen PP, Liu C, **Deng YL**, Miao Y, Zhang M, Cui FP, Lu TT, Shi T, Yang KD, Liu CJ, Zeng Q. 2022. Bisphenol A analogues in associations with serum hormone levels among reproductive-aged Chinese men. *Environ Int* 167:107446, PMID: 35940031, <http://doi.org/10.1016/j.envint.2022.107446>.
35. Zeng JY, Miao Y, Liu C, **Deng YL**, Chen PP, Zhang M, Cui FP, Shi T, Lu TT, Liu CJ, Zeng Q. 2022. Serum multiple organochlorine pesticides in relation to testosterone concentrations among Chinese men from an infertility clinic. *Chemosphere* 299:134469, PMID: 35367495, <http://doi.org/10.1016/j.chemosphere.2022.134469>.
36. Zhang M, Liu C, Li WD, Xu XD, Cui FP, Chen PP, **Deng YL**, Miao Y, Luo Q, Zeng JY, Lu TT, Shi T, Zeng Q. 2022. Individual and mixtures of metal exposures in associations with biomarkers of oxidative stress and global DNA methylation among pregnant women. *Chemosphere* 293:133662, PMID: 35063557, <http://doi.org/10.1016/j.chemosphere.2022.133662>.
37. Cui FP, Yang P, Liu C, Chen PP, **Deng YL**, Miao Y, Luo Q, Zhang M, Lu WQ, Zeng Q. 2021. Urinary bisphenol A and its alternatives among pregnant women: Predictors and risk assessment. *Sci Total Environ* 784:147184, PMID: 33901963, <http://doi.org/10.1016/j.scitotenv.2021.147184>.
38. Liu C, Messerlian C, Chen YJ, Mustieles V, Huang LL, Sun Y, **Deng YL**, Cheng YH, Liu J, Liu AM, Lu WQ, Wang YX. 2021. Trimester-specific associations of maternal exposure to disinfection by-products, oxidative stress, and neonatal neurobehavioral development. *Environ Int* 157:106838, PMID: 34450548, <http://doi.org/10.1016/j.envint.2021.106838>.
39. Liu C, Sun Y, Mustieles V, Chen YJ, Huang LL, **Deng YL**, Wang YX, Lu WQ, Messerlian C. 2021. Prenatal Exposure to Disinfection Byproducts and Intrauterine Growth in a Chinese Cohort. *Environ Sci Technol* 55(23):16011-16022, PMID: 34813313, <http://doi.org/10.1021/acs.est.1c04926>.
40. Miao Y, Liu L, Liu C, **Deng YL**, Chen PP, Luo Q, Cui FP, Zhang M, Lu WQ, Zeng Q. 2021. Urinary biomarker of strontium exposure is positively associated with semen

quality among men from an infertility clinic. *Ecotoxicol Environ Saf* 208:111694, PMID: 33396025, <http://doi.org/10.1016/j.ecoenv.2020.111694>.

41. Miao Y, Rong M, Li M, He H, Zhang L, Zhang S, Liu C, Zhu Y, **Deng YL**, Chen PP, Zeng JY, Zhong R, Mei SR, Miao XP, Zeng Q. 2021. Serum concentrations of organochlorine pesticides, biomarkers of oxidative stress, and risk of breast cancer. *Environ Pollut* 286:117386, PMID: 34051689, <http://doi.org/10.1016/j.envpol.2021.117386>.
42. Yang P, Lin BG, Zhou B, Cao WC, Chen PP, **Deng YL**, Hou J, Sun SZ, Zheng TZ, Lu WQ, Cheng LM, Zeng WJ, Zeng Q. 2021. Sex-specific associations of prenatal exposure to bisphenol A and its alternatives with fetal growth parameters and gestational age. *Environ Int* 146:106305, PMID: 33395947, <http://doi.org/10.1016/j.envint.2020.106305>.
43. Zhang M, Liu C, Cui FP, Chen PP, **Deng YL**, Luo Q, Miao Y, Sun SZ, Li YF, Lu WQ, Zeng Q. 2021. The role of oxidative stress in association between disinfection by-products exposure and semen quality: A mediation analysis among men from an infertility clinic. *Chemosphere* 268:128856, PMID: 33189401, <http://doi.org/10.1016/j.chemosphere.2020.128856>.
44. Liu C, **Deng YL**, Zheng TZ, Yang P, Jiang XQ, Liu EN, Miao XP, Wang LQ, Jiang M, Zeng Q. 2020. Urinary biomarkers of phthalates exposure and risks of thyroid cancer and benign nodule. *J Hazard Mater* 383:121189, PMID: 31541958, <http://doi.org/10.1016/j.jhazmat.2019.121189>.
45. Luo Q, Bei E, Liu C, **Deng YL**, Miao Y, Qiu Y, Lu WQ, Chen C, Zeng Q. 2020. Spatial, temporal variability and carcinogenic health risk assessment of nitrosamines in a drinking water system in China. *Sci Total Environ* 736:139695, PMID: 32497885, <http://doi.org/10.1016/j.scitotenv.2020.139695>.
46. Yuan XQ, Du YY, Liu C, Guo N, Teng XM, Hua X, Yao YC, **Deng YL**, Zeng Q, Deng TR, Li YF. 2020. Phthalate metabolites and biomarkers of oxidative stress in the follicular fluid of women undergoing in vitro fertilization. *Sci Total Environ* 738:139834, PMID: 32531598, <http://doi.org/10.1016/j.scitotenv.2020.139834>.
47. Zhou B, Yang P, **Deng YL**, Zeng Q, Lu WQ, Mei SR. 2020. Prenatal exposure to bisphenol a and its analogues (bisphenol F and S) and ultrasound parameters of fetal growth.

- Chemosphere 246:125805, PMID: 31918106,
<http://doi.org/10.1016/j.chemosphere.2019.125805>.
48. Liu C, Duan P, Chen YJ, **Deng YL**, Luo Q, Miao Y, Cui SH, Liu EN, Wang Q, Wang L, Lu WQ, Chavarro JE, Zhou YK, Wang YX. 2019. Mediation of the relationship between phthalate exposure and semen quality by oxidative stress among 1034 reproductive-aged Chinese men. *Environ Res* 179(Pt A):108778, PMID: 31629946, <http://doi.org/10.1016/j.envres.2019.108778>.
49. Wang YX, Liu C, Shen Y, Wang Q, Pan A, Yang P, Chen YJ, **Deng YL**, Lu Q, Cheng LM, Miao XP, Xu SQ, Lu WQ, Zeng Q. 2019. Urinary levels of bisphenol A, F and S and markers of oxidative stress among healthy adult men: Variability and association analysis. *Environ Int* 123:301-309, PMID: 30553203, <http://doi.org/10.1016/j.envint.2018.11.071>.
50. Huang LL, Zhou B, Ai SH, Yang P, Chen YJ, Liu C, **Deng YL**, Lu Q, Miao XP, Lu WQ, Wang YX, Zeng Q. 2018. Prenatal phthalate exposure, birth outcomes and DNA methylation of Alu and LINE-1 repetitive elements: A pilot study in China. *Chemosphere* 206:759-765, PMID: 29793068, <http://doi.org/10.1016/j.chemosphere.2018.05.030>.
51. Liu C, Liu CJ, Tian WQ, Yao W, Miao Y, Zhang M, Yuan XQ, **Deng YL**, Lu WQ, Li YF, Zeng Q. 2024. Phthalate exposures, blood coagulation function, and assisted reproductive technology outcomes: Results from the TREE cohort study. *Environ Res* 264(Pt 2):120412, PMID: 39577722, <http://doi.org/10.1016/j.envres.2024.120412>.

ORIGINAL, PEER-REVIEWED ARTICLES UNDER REVIEW/REVISION

1. **Deng YL**[#], Hao H[#], Zhu Q, Liu Y, Steenland K. Associations between Long-term Exposure to Multiple PM_{2.5} Major Components and Incident Depression, and the Role of Comorbidities: A National Cohort Study in the United States. *Environmental Health Perspectives*. Revision. Submitted.
2. Zhu Qiao[#], **Deng YL**[#], Liu Y, Steenland K. Associations between Ultrafine particles with Incident Dementia in Older adults. *Environmental Science & Technology*. Revision.

Submitted.

3. Hao H[#], **Deng YL[#]**, Xu K, Liu Y, Steenland K. A National Cohort Study of Long-term Exposure to PM_{2.5} Trace Element Components and Depression in American Older Adults. Nature mental health. Submitted.
4. **Deng YL**, Steenland K, Zhang DL, Hao H, Chang H, Zhu Q, Xu K, Hang Y, Chang H, AlKindi S, Benmarhnia T, Liu Y. Long-term Wildfire Smoke Exposure and Risk of Dementia: A Nationwide US Cohort Study. The BMJ. Submitted.

ACADEMIC CONFERENCE

Presentations in Academic Conferences (Presenter#)

1. Zhu Q, **Deng YL[#]**, Liu Y, Steenland K. Associations of Long-term Exposure to Ultrafine Particles with Incident Dementia: A national cohort study in the United States. ISEE 2024 Annual Meeting, Santiago, Chile, August 25-28, 2024. Oral presentation.
2. **Deng YL**, Hao H, Zhu Q, Liu Y[#], Steenland K. Associations of Long-term Exposure to PM_{2.5} major components with depression: A national cohort study in the United States. ISES 2024 Annual Meeting, Montreal, Canada, October 20-24, 2024. Oral presentation.
3. **Deng YL[#]**, Steenland K, Liu Y. National Cohort Study of Long-Term Exposure to PM_{2.5} Components and Incident Dementia in Medicare American Older Adults. The AGU Fall meeting, San Francisco, CA, Dec 11-15, 2023. Poster presentation
4. **Deng YL[#]**, Zeng Qiang. Exposure to disinfection by-products and reproductive hormones among women: Results from the Tongji Reproductive and Environmental (TREE) study". The 16th Postgraduate Symposium on Environmental and Occupational Medicine, Changsha, China, Oct 21-24, 2021. Oral presentation. Outstanding Presentation Award.
5. **Deng YL[#]**, Zeng Qiang. Urinary phthalate metabolite concentrations, oxidative stress and thyroid function biomarkers among patients with thyroid nodules. The ISEE Conference 2019 , Utrecht, The Netherlands. August 25-28, 2019. Poster presentation.
6. **Deng YL[#]**, Zeng Qiang. Urinary biomarker of late pregnancy exposure to drinking water disinfection by-products and ultrasound measures of fetal growth in Wuhan, China. The Environment and Health Academic Conference, Shenyang, China. August 13-16, 2018. Poster

presentation.

RESEARCH EXPERIENCE

1. Establishment of the Tongji Reproductive and Environmental (TREE) cohort study

Major Contributions: Project design and management, data collection, database management, laboratory test, project collaboration and communication, data analysis.

2. Effects of environmental chemicals (e.g., disinfection byproducts, phthalates, bisphenol A, and polycyclic aromatic hydrocarbons) on reproductive health and pregnancy outcomes

Major Contributions: Method optimization and laboratory test, data analysis, and manuscript writing.

3. Effects of air pollution on several health outcomes (e.g., Dementia/Depression) in the Medicare population

Major Contributions: Data analysis, and manuscript writing.

4. Association between household air pollution and hemoglobin/anemia: A multi-country randomized controlled trial conducted by the Household Air Pollution Intervention Network (HAPIN)

Major Contributions: Data analysis, and manuscript writing.

SKILLS

Software Skills: R, SAS, STATA, SPSS, Graphpad Prism, Epidata.

Experimental Skills: GC-MS, GC-ECD, HPLC-MS/MS, PCR.

JOURNAL MANUSCRIPT REVIEW

Environment International, Environmental Research, Chemosphere, American Journal of Public Health

For more information, please visit my profile at Emory University:

<https://sph.emory.edu/faculty/profile/index.php?FID=yanling-deng-13112>