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教育经历

- 2010.09 – 2015.06 **复旦大学公共卫生学院**
专业：劳动卫生与环境卫生学 环境流行病学方向
学位：医学博士（2015.06）
- 2005.09 – 2010.06 **中山大学公共卫生学院**
主修专业：预防医学；辅修专业：医学心理学
学位：医学学士（2010.06）

工作经历

- 2022.05 – 副教授 复旦大学公共卫生学院
- 2019.07 – 2022.05 副研究员 复旦大学公共卫生学院
- 2016.01 – 2019.07 博士后 美国埃默里大学（Emory University）公共卫生学院环境健康系
- 2015.07 – 2015.11 博士后 复旦大学环境科学与工程系

主要科研项目

- 国家自然科学基金面上基金项目（82473589）：基于深度学习和图像识别的大气细颗粒暴露评估。课题负责人，2025 年 01 月至 2028 年 12 月，国家自然科学基金委。
- 国家重点研发计划课题（2023YFC3708304）：大气污染对典型高发疾病的疾病负担评价。课题负责人，2023 年 12 月至 2027 年 11 月，科技部。
- 国家自然科学基金青年基金项目（82003413）：高时空分辨率的多层次臭氧暴露评价模型研究。课题负责人，2021 年 01 月至 2023 年 12 月，国家自然科学基金委。
- 上海市浦江人才资助项目（20PJ1401300）：高精度大气臭氧暴露评价模型及其在流行病学研究中的应用。课题负责人，2020 年 11 月至 2022 年 10 月，上海市科学技术委员会。
- 上海市公共卫生体系建设三年行动计划优秀青年人才培养计划（GWV-10.2-YQ19）：环境与职业卫生学。课题负责人，2020 年 07 月至 2022 年 06 月，上海市卫生健康委员会。
- 国家重点研发计划课题（2022YFC3702705）：大气污染与健康监测评估和预警干预技术集成平台建设及示范应用研究。课题骨干，2022 年 10 月至 2026 年 03 月，科技部。

主要科研奖励

- “长江学者奖励计划”青年学者项目，教育部，2024 年 5 月
- 上海市青年东方学者，上海市教委，2021 年 1 月
- 上海市科技进步一等奖，第八完成人，2023 年 4 月
- 上海市科技进步二等奖，第三完成人，2023 年 4 月
- 中国 2021 年度重要医学进展（卫生健康与环境领域），中国医学科学院，2022 年 4 月

文章发表

以第一作者或者通讯作者共发表英文论文 72 篇。共同一作以 # 标示，通讯作者以*标示。

- Dong Sun[#], **Xia Meng[#]**, Jingcen Hu, Canqing Yu, Dianjianyi Sun, Yuanjie Pang, Pei Pei, Ling Yang, Yiping Chen, Huaidong Du, Xiaofang Chen, Xiaoming Yang, Junshi Chen, Zhengming Chen, Liming Li^{*}, Haidong Kan^{*}, Jun Lv^{*}, on behalf of the China Kadoorie Biobank Collaborative Group, Exploring China's Clean Air Act and associated

- cardiovascular disease risk: a prospective, quasi-experimental, and causal inference modelling study. *The Lancet Planetary Health*, 2026: 101513.
2. Xinling He[#], Xinlei Zhu[#], Yixuan Jiang, Yixiang Zhu, Lu Zhou, Xiaowei Xue, Cong Liu, Yue Niu, Jing Cai, Renjie Chen, Haidong Kan^{*}, **Xia Meng^{*}**, Short-term exposure to fine particulate matter and its chemical constituents may affect arterial stiffness via inflammation: A panel study among healthy adults. *Environmental Pollution*, 2026, 395: 127735.
 3. Xinyue Li[#], Zifang Zhou[#], Yuchang Zhou, Hua Hao, Lu Zhou, Yue Niu, Yan Zhang, Sijin Liu, Renjie Chen, Haidong Kan, **Xia Meng^{*}**, Maigeng Zhou^{*}, Effects of long-term exposure to nitrogen dioxide with cardiovascular mortality: Evidence from a nationwide cohort study. *Ecotoxicology and Environmental Safety*, 2026, 313: 119950.
 4. Jing-Jing Xu[#], Cheng Li[#], Si-Wei Zhang, Yan-Hui Hao, He-Feng Huang, **Xia Meng^{*}**, Haidong Kan^{*}, Yan-Ting Wu^{*}, The impact of interaction between particulate matter and sunlight duration on neonatal hyperbilirubinemia. *Journal of Hazardous Materials Advances*, 2026, 21: 101021.
 5. Anni Li[#], Hao Wang[#], Qingli Zhang, Xinlei Zhu, Chang Xu, Su Shi, Haidong Kan, Yutao Guo^{*}, Renjie Chen^{*}, **Xia Meng^{*}**, Nationwide Study of the Association between Temperature Variability and Sleep Apnea, and the Modifying Role of Air Pollution, in a Moderate-to-Severe Risk OSA Population. *Environment & Health*, 2026, 4(2): 202-211.
 6. Yixuan Jiang, Chang Xu, Renjie Chen, Cong Liu, Yixiang Zhu, Lu Zhou, Haidong Kan, Jianwei Xuan, **Xia Meng^{*}**, Ambient air pollution and hospitalization of wide-spectrum digestive diseases: A nationwide case-crossover study in China. *Environmental Pollution*, 2026, 390: 127520.
 7. **Xia Meng^{*}**, Yuchang Zhou[#], Su Shi[#], Shuxiao Wang, Maryam Zaid, Hongliang Zhang, Jianlin Hu, Gang Li^{*}, Haidong Kan^{*}, Maigeng Zhou^{*}, Mortality and long-term exposure to source-specific PM_{2.5}: evidence from a national cohort study in China. *The Lancet Planetary Health*, 2026, 10(1): 101400.
 8. Yixuan Jiang[#], Su Shi[#], **Xia Meng^{*}**, Haidong Kan^{*}, Global Disease Burden Attributable to Ambient Air Pollution: Disparities, Determinants, and Implications for Public Health. *Health Data Science*, 2026, 6: 0447.
 9. Jie Wang[#], Miao Liu[#], Huihua Yang, Lei Zhao, Xuefeng Lai, Liangle Yang, Xinyue Li, Renjie Chen, **Xia Meng^{*}**, Xiaomin Zhang^{*}, Association of multiple air pollutants exposure with heart rate variability in children: From two panel studies. *Environmental Research*, 2025, 286: 122895.
 10. Donghui Yang[#], Yun Chen[#], **Xia Meng^{*}**, Xiaolian Dong, Haidong Kan^{*}, Chaowei Fu^{*}, Overweight Modified the Associations between Long-Term Exposure to Ambient Fine Particulate Matter and Its Constituent and the Risk of Type 2 Diabetes in Rural China. *Biomedical and Environmental Sciences*, 2025, 38(11): 1359-1368.
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