

## Grants

1. Ambient Speciated Airborne Particulate Matter on Birth Outcomes and Mortality: Collaboration with the MAIA Team of NASA. PI, funded by National Health Research Institutes, Taiwan. 2025/01/01-2029/12/31. (NHRI-EX114-11410PI)
2. Developing health technology assessment and comprehensive prevention to improve sustainability of National Health Insurance and social welfare. Co-PI, funded by National Science and Technology Council, Taiwan. 2024/08/01-2025/07/31. (NSTC 113-2627-M-006 - 008)
3. Long-term healthcare utilization of mothers and children conceived after assisted reproductive technologies (ART). PI, funded by National Science and Technology Council, Taiwan. 2024/08/01-2026/07/31. (NSTC 113-2629-H-006 -002 -SS2)
4. NCKU's sci-tech platform in natural carbon sink and health literacy: development and practical application. Co-PI, funded by National Cheng Kung University, Taiwan. 2024/05/01-2025/4/30. (R113-CA018B)
5. Maternal exposure to nitrosatable drugs during pregnancy and childhood ADHD and Autism. PI, funded by National Cheng Kung University, Taiwan. 2024/01/01-2024/12/31. (D113-F2552)
6. Discussion of the Major Chronic Disease Prevention and Control Indicators Program (2023-2024) - Expansion Plans for Year 2024. Co-PI, funded by Ministry of Health and Welfare, Taiwan. 2024/1/1~2024/12/31. (D1120515-113)
7. Maternal seronegative spondyloarthropathy and risk of offspring mental disorders. Co-PI, funded by National Cheng Kung University Hospital, Taiwan. 2024/1/1-2024/12/31. (NCKUH-11305013)
8. Early life risk factors for childhood cancer: an international collaboration with the Childhood Leukemia International Consortium (CLIC). PI, funded by National Science and Technology Council, Taiwan. 2023/08/01~2026/07/31. (NSTC 112-2314-B-006-068-MY3)
9. Discussion of the Major Chronic Disease Prevention and Control Indicators Program (2023-2024). Co-PI, funded by Ministry of Health and Welfare, Taiwan. 2023/06/29~2023/12/15. (D1120515)
10. Multidimensional evaluation of nature-based solutions on greenness in climate change mitigation: the analyses of school green greenery. Subproject PI, funded by National Cheng Kung University, Taiwan. 2023/04/01~2024/12/03.
11. Air pollution health literacy (2023). PI, funded by Ministry of Health and Welfare, Taiwan. 2023/01/01~2023/12/31. (B1111116)

Updated: 2025/01/24

12. Surface Monitor Operations Support for the MAIA Project in Taiwan. PI, NASA Jet Propulsion Laboratory. 2022/08/01~2027/07/31.
13. Acetaminophen and Childhood Cancer Risk. PI, University of North Texas. 2022/08/01~2024/07/31.
14. Development of Small Area Estimation Model for the Integration of Varying National Health Survey--- a Case Study for the Long-Term NHI Survey on Patient Experiences and Health Care Needs. Co-PI, funded by Ministry of Science and Technology, Taiwan. 2022/08/01~2024/07/31. (111-2314-B-A49 -019 -MY2)
15. The Association between Ambient Air Pollution, DNA Methylation, and Progression of Parkinson'S Disease. PI, funded by Ministry of Science and Technology, Taiwan. 2022/08/01~2023/07/31. (MOST 111-2314-B-006-112)
16. Co-Exposure to Methylmercury and Endocrine Disruptor, and the Impact on Neurologic-Behavioral Developments - Seven-Year Follow-Up of a Birth Cohort across Taiwan (TMICS II). Co-PI, funded by Ministry of Science and Technology, Taiwan. 2020/08/01~2023/07/31. (109-2314-B-400 -025 -MY3)
17. Air pollution health literacy (2022-2023). PI, funded by Ministry of Health and Welfare, Taiwan. 2022/01/01~2022/12/31. (B1101121)
18. Environmental risk factor data collection and health education promotion. Co-PI, funded by Ministry of Health and Welfare, Taiwan. 2022/01/01~2022/12/31. (B1101120)
19. Pregnancy-induced hypertension and the risk of cancers in mother and child: a nationwide cohort study in Taiwan. PI, funded by Taipei City Hospital, Taiwan. 2022/01/01~2022/12/31. (11101-62-018)
20. Surface monitor operations support for the MAIA project in Taiwan. PI, NASA Jet Propulsion Laboratory. 2021/07/01~2022/12/31. (110D032)
21. Parental comorbidities, pharmaceutical use, and childhood cancers in Taiwan. PI, University of North Texas. 2021/07/01~2022/06/30. (110D031)
22. Air pollution health literacy. Co-PI, funded by Ministry of Health and Welfare, Taiwan. 2021/01/01~2021/12/31. (B1090205-110)
23. Environmental risk factor data collection and health education promotion. Co-PI, funded by Ministry of Health and Welfare, Taiwan. 2021/01/01~2021/12/31. (B1090621-110)
24. Environmental risk factor data collection and health education promotion. Co-PI, funded by Ministry of Health and Welfare, Taiwan. 2020/07/17~2020/12/31. (B1090621)

Updated: 2025/01/24

25. The evaluation of low-cost air sensors and data quality checking. Co-PI, funded by Environmental Protection Administration, Taiwan. 2020/05/13~2020/12/31. (09BZT62001)
26. Air pollution health literacy. Co-PI, funded by Ministry of Health and Welfare, Taiwan. 2020/04/13~2020/12/31. (B1090205)
27. Parkinson's disease mortality and suicide risk: evaluation of dementia and depression mediation effects. PI, funded by Taipei City Hospital, Taiwan. 2020/01/01~2020/12/31. (10901-62-014)
28. Impacts of Early-life Greenness and Ambient Particulate Air Pollution Exposures on Childhood Obesity and Related Phenotypes: Examine Potential Implications of Epigenomics. PI, funded by Ministry of Science and Technology, Taiwan. 2018/8/1~2021/7/31. (MOST 107-2314-B-227-009-MY3)
29. Pharmaceutical Use in Pregnancy and Childhood Behavior Disorders. PI, funded by Taipei City Hospital, Taiwan. 2019/01/01~2019/12/31. (10801-62-008)
30. Breast Feeding Prevalence Rate in 2018 in Taiwan. Co-PI, funded by Ministry of Health and Welfare, Taiwan. 2018/06/29~2019/02/15. (E1070501)
31. The relationship between ambient air pollution, and breast and prostate cancer risk. PI, funded by Taipei City Hospital, Taiwan. 2018/01/01~2018/12/31. (10701-62-010)
32. Air pollution- and head injury-gene interactions in Parkinson's disease. PI, funded by Ministry of Science and Technology, Taiwan. 2017/8/1~2018/7/31. (MOST 106-2314-B-227-010)
33. Parental Comorbidities, Pharmaceutical Use, and Childhood Cancers: A Record Linkage Study in Taiwan. PI, Alex's Lemonade Stand Foundation (UCLA sub-contract). 2017/7/1~2019/6/30. (DHCM-PC-106-005)
34. Development of data governance for the National Health Insurance Service Framework on innovative strategy planning in data governance of the right to seek medical care. Co-PI, funded by National Health Insurance Administration, Ministry of Health and Welfare, Taiwan. 2017/03/01~2017/12/31
35. Big data analysis in substance abuse integrated with social welfare information. Co-PI, funded by Food and Drug Administration, Taiwan. 2017/01/01~2017/12/31. (MOHW106-FDA-D-114-00065)
36. Long-term exposure to ambient air pollution and Parkinson's disease (year one). PI, funded by Taipei City Hospital, Taiwan. 2017/01/01~2017/12/31. (10601-62-051)

Updated: 2025/01/24

37. 2016 (54th) short-term foreign scientific and technical personnel and research funding. PI, funded by Ministry of Science and Technology, Taiwan. 2016/01/01~2016/12/31. (105-2918-I-227 -001)
38. Epidemiological study on health effects from exposure to electromagnetic fields: analysis of opinion leadership concerning electromagnetic fields (Waves) Information. Co-PI, funded by Ministry of Health and Welfare, Taiwan. 2016/01/01~2016/12/31. (B1041116)
39. Infrastructure of dementia care network in Yun-Lin. PI, funded by Public Health Bureau, Yun-Lin, Taiwan. 2015/07/01~2015/11/30 (DHCH-GC\_104-006)
40. The study on longitudinal monitoring system of the right to seek medical care under the National Health Insurance. Co-PI, funded by National Health Insurance Administration, Ministry of Health and Welfare, Taiwan. 2015/03/01~2016/12/01
41. Epidemiological study on health effects from exposure to electromagnetic fields: analysis of opinion leadership concerning electromagnetic fields (Waves) Information. Co-PI, funded by Ministry of Health and Welfare, Taiwan. 2015/03/10~2015/12/31. (B1030410-104)
42. Traumatic brain injury, co-morbidity patterns, and Parkinson's disease: a ten year follow-up study. PI, funded by Ministry of Science and Technology, Taiwan. 2014/8/1~2016/7/31. (103-2314-B-227-002-MY2)
43. Epidemiological study on health effects from exposure to electromagnetic fields: analysis of opinion leadership concerning electromagnetic fields (Waves) Information. Co-PI, funded by Ministry of Health and Welfare, Taiwan. 2014/06/05~2015/12/31. (B1030410)
44. Methodology for conducting health surveys. Co-PI, funded by Taiwan Power Company, Taiwan. 2014/05/01~2016/04/30. (056030000301)
45. The association between air pollution exposure and breast cancer risk. PI, funded by National Taipei University of Nursing and Health Sciences, Taiwan. 2014/01/01~2014/12/31. (103ntunhsNT02)
46. The discussion of air pollution and health. PI, funded by Taipei Medical University, Taiwan. 2013/07/01~2014/06/30. (DHCM-PC102-001)
47. Epidemiological study on health effects from exposure to electromagnetic fields: analysis of opinion leadership concerning electromagnetic fields (Waves) Information. Co-PI, funded by Ministry of Health and Welfare, Taiwan. 2013/05/01~2014/04/30. (DOH102-HP-1403)
48. Long-term interrelationships between lifestyle changes and chronic health development in Taipei City. Co-PI, funded by Taipei City Hospital. 2013/08/01~2014/01/31. (R102067)