

Name: LIH-MING YIIN



1. Education

Name of School	Degree	Time Period	Field of Expertise
National Taiwan University	B.S.	09/1986 – 06/1989	Chemistry
Rutgers University	M.S.	01/1993 – 05/1995	Environmental Sciences
Rutgers University	Ph.D.	09/1995 – 05/1999	Environmental Sciences & Public Health

2. Career

Institution and Department	Job Title	Time Period
Department of Public Health, Tzu Chi University	Chair and Professor	9/2019 –
Department of Public Health, Tzu Chi University	Professor	02/2019 –
Department of Public Health, Tzu Chi University	Associate Professor	08/2004 – 01/2019
Department of Public Health, Tzu Chi University	Chair and Associate Professor	08/2006 – 07/2014
School of Public Health, Rutgers University	Assistant Professor	06/2001 – 07/2004
RWJ Medical School, Rutgers University	Res. Teach. Specialist	01/1999 – 05/2001

3. Specialized Fields

Environmental Health, Environmental Monitoring, Exposure Assessment, Risk Assessment

4. Studies during Recent 5 years

No.	Name and No. of Study	Funding Agency	Fund in NTD	Duration
01.	Availability of applying a bee indicator and geographic information system to assessment of exposure to various types of pesticides (MOST111-2314-B-320-002-MY3)	Ministry of Science and Technology	3,630,000	2022/8/1~ 2025/7/31
02.	Assessment of exposures to pesticides from various crop fields using bees as indicator and geographic information system (GIS) (MOST109-2314-B-320-002-MY2)	Ministry of Science and Technology	2,815,000	2020/8/1~ 2022/7/31
03.	Evaluation of association between farmland parameters and pesticides in house dust using geographical information system (MOST107-2314-B-320 -004)	Ministry of Science and Technology	910,000	2018/8/1~ 2019/7/31

5. Publications from Recent 5 Years

- Hung, C.C., Yiin, L.M.* (2023). Availability of Using Honeybees as Bioindicators of Pesticide Exposure in the Vicinity of Agricultural Environments in Taiwan. *Toxics*, 11(8), 703.

<https://doi.org/10.3390/toxics11080703>.

2. Chen, K.C., Lee, S.F., Lin, S.W., Xie, J.S., Chang, Y.H., **Yiin, L.M.**, Hsieh, C.J. (2023). Associations between residential proximity to agricultural land use as pesticides exposure and birth outcomes. *Environ Sci Poll Res*, 30, 33253–33263. DOI: 10.1007/s11356-022-24571-8.
3. Wu, J.R., Lu, P.C., Khine, A.A., Simaremare, S.R.S., Hung, C.C., **Yiin, L.M.**, Ho, T.J., Tung, C.H., Chen, H.P. (2023). Borneol dehydrogenase from *Pseudomonas* sp. TCU-HL1 possesses novel quinuclidinone reductase activities. *Biocatal Biotransformation*, 41(1), 38-45. DOI: 10.1080/10242422.2021.1955865.
4. Hung, C.S., **Yiin, L.M.**, Yen, C.F., Hsieh, C.J., Hsieh, J.G., Tseng, C.C. (2023). Status of resource recycling stations in Taiwan and recycling work-related health effects. *Tzu Chi Med J*, 35(1): 38-43.
5. Hung, C.C., Yu, T.H., Simaremare, S.R.S., Hsieh, C.J., **Yiin, L.M.*** (2021). Associations between phthalic acid esters in house dust and home characteristics/living habits in a rural region of Taiwan. *Environ Sci Poll Res*, 28(47), 67362–67369. DOI: 10.1007/s11356-021-15324-0.
6. Simaremare, S.R.S., Hung, C.C., Yu, T.H., Hsieh, C.J., **Yiin, L.M.*** (2021). Association between pesticides in house dust and residential proximity to farmland in a rural region of Taiwan. *Toxics*, 9(8), 180. doi:10.3390/toxics9080180.
7. Hsieh, S.P., Hsieh, C.J., Tseng, C.C., **Yiin, L.M.*** (2020). Allergic Rhinitis: Association with air pollution and weather changes, and comparison with that of allergic conjunctivitis in Taiwan. *Atmosphere*, 11(11), 1152. doi:10.3390/atmos11111152.
8. Zheng, Y.P., Juang, Y.J., **Yiin, L.M.*** (2020). Modeling of woodworkers' exposure to occupational noises by integrating frequency spectra generated by power tools: a pilot study. *Appl Sci*, 10(18), 6453. doi:10.3390/app10186453.
9. Simaremare, S.R.S., Hung, C.C., Hsieh, C.J., **Yiin, L.M.*** (2020). Relationship between organophosphate and pyrethroid insecticides in blood and their metabolites in urine: a pilot study. *Int J Environ Res Public Health*, 17(1), 34. <https://doi.org/10.3390/ijerph17010034>.
10. Zhong, J.Y., Lee, Y.C., Hsieh, C.J., Tseng, C.C., **Yiin, L.M.*** (2019). Association between the first occurrence of allergic conjunctivitis, air pollution and weather changes in Taiwan. *Atmos Environ*, 212, 90-95. <https://doi.org/10.1016/j.atmosenv.2019.05.045>.
11. Hung, C.C., Simaremare, S.R.S., Hsieh, C.J., **Yiin, L.M.*** (2019). Simultaneous determination of pyrethroid, organophosphate and carbamate metabolites in human urine by gas chromatography–mass spectrometry (GCMS). *Appl Sci*, 9(5), 879. doi:10.3390/app9050879.
12. Zhong, J.Y., Lee, Y.C., Hsieh, C.J., Tseng, C.C., **Yiin, L.M.*** (2018). Association between dry eye disease, air pollution and weather changes in Taiwan. *Int J Environ Res Public Health*, 15(10), 2269. <https://doi.org/10.3390/ijerph15102269>.
13. Huang, F.J., Hsieh, C.J., Young, C.H., Chung, S.H., Tseng, C.C., **Yiin, L.M.*** (2018). The assessment of exposure to occupational noise and hearing loss for stoneworkers in Taiwan. *Noise Health*, 20(95):146-151. DOI: 10.4103/nah.NAH_45_17.
14. Hung, C.C., Huang, F.J., Yang, Y.Q., Hsieh, C.J., Tseng, C.C., **Yiin, L.M.*** (2018). Pesticides in indoor and outdoor residential dust: a pilot study in a rural county of Taiwan. *Environ Sci*

Poll Res, 25(23):23349-23356. DOI: 10.1007/s11356-018-2413-4.

15. Yu, T.H., Hsieh, S.P., Su, C.M., Huang, F.J., Hung, C.C., **Yiin, L.M.*** (2018). Analysis of leafy vegetable nitrate using a modified spectrometric method. *Int J Anal Chem*, Article ID 6285867, 6 pages, <https://doi.org/10.1155/2018/6285867>.
16. Yang, Y.Q., **Yiin, L.M.*** (2018). Daily intake estimation for young children's ingestion of residential dust and soils contaminated with chlorpyrifos and cypermethrin in Taiwan. *Int J Environ Res Public Health*, 15(7), 1327. DOI: 10.3390/ijerph15071327
17. Ho, T.J., Hung, C.C., Shih, T.L., **Yiin, L.M.***, Chen, H.P.* (2018). Investigation of borneols sold in Taiwan by chiral gas chromatography. *J Food Drug Anal*, 26(1):348-352.