

CURRICULUM VITAE

Shu-Han You

BIOGRAPHICAL

Born: Dec 7, 1986
Nationality: Taiwan
Address: Institute of Food Safety and Risk Management
No.2, Beining Rd., Jhongjheng District, Keelung City 20224,
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EDUCATION

Mar 2015 – Dec 2017 Post-doctoral Fellow, National Institute of Environmental Health Sciences, National Health Research Institutes, Zhunan, Taiwan (Principal Investigator: Dr. Pinpin Lin)
Sep 2011 – Mar 2015 Ph.D., College of Bio-Resources & Agriculture, National Taiwan University, Taipei, Taiwan (Dissertation Advisor: Dr. Chung-Min Liao)
Sep 2009 – July 2011 M.S., Department of Public Health, Chung Shan Medical University, Taichung, Taiwan (Thesis Advisor: Dr. Szu-Chieh Chen)

ACADEMIC POSITION

Feb 2018 – present Project Assistant Professor, National Taiwan Ocean University, Institute of Food Safety and Risk Management, Keelung, Taiwan
Feb 2018 – July 2018 Adjunct Assistant Professor, Department of Food Science, Tunghai University, Taichung, Taiwan
Feb 2017 – July 2017 Adjunct Assistant Professor, Department of Food Science, Tunghai University, Taichung, Taiwan

TEACHING ACTIVITY

Current Courses

Feb 2018 – present

- *Introduction to Health Risk Assessment* (健康風險評估特論), Master in Institute of Food Safety and Risk Management, National Taiwan Ocean University, Keelung, Taiwan
- *Introduction to Food Epidemiology* (食品流行病學導論), Master in Institute of Food Safety and Risk Management, National Taiwan Ocean University, Keelung, Taiwan
- *Risk Analysis Software & Practice* (風險分析軟體實作), Master in Institute of Food Safety and Risk Management, National Taiwan Ocean University, Keelung, Taiwan
- *Introduction to Food Epidemiology* (食品流行病學), Bachelor in Department of Food Science, National Taiwan Ocean University, Keelung, Taiwan

- Feb 2018 – July 2018** • *Risk assessment of Food (食品風險評估)*, Bachelor in Department of Food Science, Tunghai University, Taichung, Taiwan
- Past Course Taught
- Feb 2017 – July 2017** • *Risk assessment of Food (食品風險評估)*, Bachelor in Department of Food Science, Tunghai University, Taichung, Taiwan

ADDITIONAL EXPERIENCE

- Dec 2016** *OpenTox Asia Hackathon Workshop* on Dec 5-6, 2016
AT: Megagen TOZ Tower, Seoul, Korea
- Oct 2016** *NHRI Physiologically Based Pharmacokinetic Model Workshop* on Oct 11-14 & 17, 2016
AT: National Institute of Environmental Health Sciences, National Health Research Institutes (NHRI), Zhunan, Taiwan
- Nov 2015** *JIFSAN Risk Analysis Courses Training:*
AT: Joint Institute for Food Safety and Applied Nutrition (JIFSAN), Maryland, USA
- Qualitative Risk Assessment on Nov 6 & 9-10, 2015
 - Risk Communication on Nov 11-13, 2015
 - Quantitative Risk Assessment on Nov 16-20, 2015

GRANT

- Dec 2016** ILSI Taiwan & Coca-Cola Food Safety Risk Assessment Training Fellowship Program
Sponsored by Coca-Cola Company

INVITED LECTURE

- April 2018** *FDA-iRISK Introduction*
College of Bio-Resources & Agriculture, National Taiwan University, Taipei, Taiwan
- May 2017** *Benchmark Dose Software Introduction*
Department of Food Science, National Taiwan Ocean University, Keelung, Taiwan
- Mar 2017** *RISK21 Introduction and Case Study*
Institute of Environmental and Occupational Health Science, National Yang Ming University, Taipei, Taiwan
- Oct 2016** *Benchmark Dose Software Analysis In Ecotoxicology*
College of Bio-Resources & Agriculture, National Taiwan University, Taipei, Taiwan
- Oct 2015** *Dose-Response Assessment: Benchmark Dose Modeling And Practices*
National Institute of Environmental Health Sciences, National Health Research Institutes, Zhunan, Taiwan

PUBLICATION (Scientific Articles)

Last five years (2014-present)

1. Cheng YH, Lin YJ, Chen SC*, **You SH**, Chen WY, Hsieh NH, Yang YF, Liao CM*. 2018. Assessing health burden risk and control effect on dengue fever infection in southern region of Taiwan. *Infection and Drug Resistance*. Accepted. (SCI, IF=3.443, Pharmacology & Pharmacy, 70/261=26.82%)
2. **You SH**, Wang SL, Pan WH, Chan WC, Fan AM, Lin P*. 2018. Risk assessment of methylmercury based on internal exposures and fish and seafood consumption estimates in Taiwanese children. *International Journal of Hygiene and Environmental Health* 221(4):697-703 (SCI, IF=4.848, Public, Environmental & Occupational Health, 11/180=6.11%)
3. Cheng YH, Chou WC, Yang YF, Huang CW, How CM, Chen SC, Chen WY, Hsieh NH, Lin YJ, **You SH**, Liao CM*. 2018. PBPK/PD assessment for Parkinson's disease risk posed by airborne pesticide paraguat exposure. *Environmental Science and Pollution Research* 25(6):5359-5368. (SCI, IF=2.800, Environmental Science, 82/241=34.02%)
4. **You SH**, Chen SC, Liao CM*. 2018. Health-seeking behavior and transmission dynamics in the control of influenza infection among different age groups. *Infection and Drug Resistance* 11:331-343. (SCI, IF=3.443, Pharmacology & Pharmacy, 70/261=26.82%)
5. Hsien NH, Chung SH, Chen SC, Chen WY, Cheng YH, Lin YJ, **You SH**, Liao CM*. 2017. Anemia risk in relation to lead exposure in lead-related manufacturing. *BMC Public Health* 17(1):389. (SCI, IF=2.420, Public, Environmental & Occupational Health, 63/180=35.00%)
6. Lin YJ, Ling MP*, Chen SC, Chen WY, Hsieh NH, Cheng YH, **You SH**, Chou WC, Lin MC, Liao CM*. 2017. Mixture risk assessment due to ingestion of arsenic, copper, and zinc from milkfish farmed in contaminated coastal areas. *Environmental Science and Pollution Research* 24(17):14616-14626. (SCI, IF=2.800, Environmental Science, 82/241=34.02%)
7. Cheng YH, **You SH**, Lin YJ, Chen SC, Chen WY, Chou WC, Hsieh NH, Liao CM*. 2017. Mathematical modeling of postcoinfection with influenza A virus and *Streptococcus pneumonia*, with implications for pneumonia and COPD-risk assessment. *International Journal of Chronic Obstructive Pulmonary Disease* 12:1973-1988. (SCI, IF=2.917, Respiratory system, 20/59=42.37%)
8. Cheng YH, Lin YJ, **You SH**, Yang YF, How CM, Tseng YT, Chen WY, Liao CM*. 2016. Assessing exposure risks for freshwater tilapia species posed by mercury and methylmercury. *Ecotoxicology* 25(6):1181-1193. (SCI, IF=1.987, Environmental Sciences, 126/241=52.08%)
9. Lin YJ, **You SH**, Chou WC, Weng CY, Chang HH, Chan WC, Lin WH, Chiang HC*, Lin P*. 2016. A RISK21 matrix for assessing the potential health risk of DDT from flower tea in Taiwan. *Taiwan Journal of Public Health* 35(3):332-341. (TSSCI, Multidiscipline)
10. Cheng YH, Wang CH, **You SH**, Hsieh NH, Chen WY, Chio CP, Liao CM*. 2016. Assessing coughing-induced influenza droplet transmission and implications for infection risk control. *Epidemiology and Infection* 144(2):333-345. (SCI, IF=2.044, Public, Environmental & Occupational Health, 76/180=42.22%)

11. Liao CM*, Wu BC, Cheng YH, **You SH**, Lin YJ, Hsieh NH. 2015. Ceramics manufacturing contributes to ambient silica air pollution and burden of lung diseases. *Environmental Science and Pollution Research* 22(19):15067-15079. (SCI, IF=2.800, Environmental Science, 82/241=34.02%)
12. Chen SC, Hsieh NH, **You SH**, Wang CH, Liao CM*. 2015. Behavioral response in educated young adults towards influenza A(H1N1)pdm09. *Epidemiology and Infection* 143(9):1846-1857. (SCI, IF=2.044, Public, Environmental & Occupational Health, 76/180=42.22%)
13. Liao CM*, Huang TL, Lin YJ, **You SH**, Cheng YH, Hsieh NH, Chen WY. 2015. Regional response of dengue fever epidemics to interannual variation and related climate variability. *Stochastic Environmental Research and Risk Assessment* 29(3):947-958. (SCI, IF=2.668, Statistics & Probability, 9/123=7.32%)
14. Liao CM*, **You SH**, Cheng YH. 2015. Network information analysis reveals risk perception transmission in a behavior-influenza dynamics system. *Epidemiology and Infection* 143(1):23-36. (SCI, IF=2.044, Public, Environmental & Occupational Health, 76/180=42.22%)
15. Liao CM*, **You SH**. 2014. Assessing risk perception and behavioral responses to influenza epidemics: linking information theory to probabilistic risk modeling. *Stochastic Environmental Research and Risk Assessment* 28(2):189-200. (SCI, IF=2.668, Statistics & Probability, 9/123=7.32%)

(Before 2013)

16. **You SH**, Chen SC*, Wang CH, Liao CM. 2013. Linking contact behavior and droplet patterns to dynamically model indoor respiratory infections among schoolchildren. *Journal of Epidemiology* 23(4):251-261. (SCI, IF=2.518, Public, Environmental & Occupational Health, 57/180=31.39%)
17. Chen SC, **You SH**, Liu CY, Chio CP, Liao CM*. 2012. Using experimental human influenza infections to validate a viral dynamic model and the implications for prediction. *Epidemiology and Infection* 140(9):1557-1568. (SCI, IF=2.044, Public, Environmental & Occupational Health, 76/180=42.22%)
18. Chen SC, **You SH**, Ling MP, Chio CP, Liao CM*. 2012. Use of seasonal influenza virus titer and respiratory symptom score to estimate effective human contact rates. *Journal of Epidemiology* 22(4):353-363. (SCI, IF=2.518, Public, Environmental & Occupational Health, 57/180=31.39%)
19. Chen SC, Liao CM*, Li SS, **You SH**. 2011. A probabilistic transmission model to assess infection risk from Mycobacterium tuberculosis in commercial passenger trains. *Risk Analysis* 31(6):930-939. (SCI, IF=2.898, Mathematics, Interdisciplinary Application, 10/103=9.71%)
20. Chen SC, Liao CM*, Chio CP, Chou HH, **You SH**, Cheng YH. 2010. Lagged temperature effect with mosquito transmission potential explains dengue variability in southern Taiwan: insights from a statistical analysis. *Science of the Total Environment* 408(19):4069-4075. (SCI, IF=4.610, 27/241=11.00%)

PUBLICATIONS (Conference Papers)

1. **You SH**, Wang SL, Pan WH, Chan WC, Anna Fan, Lin P. Risk assessment of methylmercury based on internal exposure and fish and seafood consumption estimates in Taiwanese children. Conference of International Society for Environmental Epidemiology and International Society of Exposure Science – Asia Chapter 2018, Taipei, Taiwan, June 21-25, 2018. [Oral presentation]
2. **You SH**, Chan WC, Lin P. Egg contaminated with fenponi event in Taiwan: health risk estimated by egg contaminated with fenponi consumption in general population. Taiwan Association for Food Science and Technology 47th Annual Meeting, Kaohsiung, Taiwan, December 1, 2017. [Poster presentation]
3. **You SH**, Wang SL, Chan WC, Lin P. Comparing methylmercury risk estimated by internal and seafood consumption exposure in children. National Health Research Institutes Research Day, Miaoli, Taiwan, March 21-22, 2017. [Poster presentation]
4. **You SH**, Chan WC, Lin P. Regulatory feasibility assessment for maximum tolerance of methylmercury in large migratory fish. Biomedical Research Symposium of National Health Research Institutes, Miaoli, Taiwan, August 15-16, 2016. [Poster presentation]
5. Lin YJ, Lin P*, **You SH**, Chou WC, Weng ZY. Using RISK21 matrix to assess the potential human health risk of DDT exposure from flower tea. SETAC Europe 26th Annual Meeting, Nantes, France, May 22-26, 2016. [Poster presentation]
6. **You SH**, Chan WC, Lin P. Use of the RISK21 matrix: impact of mercury species exposure to fish and seafood on human health risk in Taiwan. SETAC Europe 26th Annual Meeting, Nantes, France, May 22-26, 2016. [Poster presentation]
7. **You SH**, Teh TL, Chen HC, Chiang HC*, Lin P*. Risk perception, attitude, knowledge of genetically modified food in Taiwan. National Health Research Institutes Research Day, Miaoli, Taiwan, March 22-23, 2016. [Poster presentation]
8. **You SH**, Chen WY, Jou LJ, Liao CM. Clam valve rhythm-based online biomonitoring system to detect waterborne arsenic. 6th SETAC World Congress, Berlin, Germany, May 20-24, 2012. [Poster presentation]