

En-Hsuan Lu

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EDUCATION

Texas A&M University

Aug 2021 – Current

- **Doctoral Student, Interdisciplinary Faculty of Toxicology**

Skills learned: Toxicokinetic modeling, R programming, Markov Chain Monte Carlo (MCMC) simulation, Bayesian Benchmark Dose modeling, Berkeley Madonna modeling

National Taiwan University, Taipei, Taiwan

Sep 2015 - Jun 2017

- **Master of Science, Occupational Medicine and Industrial Hygiene**

Concentration in Health Risk Assessment

Master Thesis: *A Pilot Study of Heterocyclic Amines Exposure and N-acetyltransferase Genetic Polymorphisms related to Colorectal Cancer Risk in Taiwan*

National Taiwan University, Taipei, Taiwan

Sep 2011 - Jun 2015

- **Bachelor of Science, Public Health**

Concentration in Occupational Health

EMPLOYMENT AND WORKING EXPERIENCE

EHS engineer, BizLink Group

Aug 2020 – May 2021

- Drafted the Environmental, Health, and Safety Group Charter for working policies.
- Organized EHS education and fire drill.
- Reviewed ISO standard compliance across global production sites and executed remote EHS audit.

Legislative assistant, Legislative Yuan (Congress), Taiwan

Sep 2017 – Jun 2020

- Supported legislator to review budgets and conduct policy and legal research, including food safety, biomedical technology, environmental protection, education, and diplomatic affairs.
- Involved in amendments of Act Governing Food Safety and Sanitation, Medical Device Management Act, Regenerative Medicinal Products Regulation Act and National Nutrition and Healthy Diet Promotion Act.
- Arranged an international Environmental Protection and Management Forum at Vietnam.
- Organized 2 forums of biotech and medical devices and 2 public hearings of Act Governing Food Safety and Sanitation.

Graduate research assistant, National Taiwan University

Sep 2015 - July 2017

- Developed an HPLC-MS/MS method to analyze heterocyclic amine compounds in urine.
- Reviewed toxicological profiles of 51 pesticides; involved in “Health risk assessment of pesticide residues in tea leaves” research project for the Department of Health, Taipei City.

AWARD

- **Top 10 Risk Assessment Abstract**, SOT Annual Meeting

Mar 2023

- **Travel Award**, Superfund Annual Meeting Poster Presentation, Texas A&M University Superfund Research Center

Oct 2022

CERTIFICATE

- **HAZWOPER 40 hr Training**, Texas A&M University Ergo Center

May 2022

- **HAZWOPER 8 hr Refresher**, Texas A&M University Ergo Center

Jun 2023

CONFERENCE PRESENTATIONS

Poster Presentations

- *Assessing the concordance of in vitro and in vivo protective point of departure: a case study of ATSDR substance priority list chemicals*
Society of Toxicology Annual Meeting. 2023
- *Advancing probabilistic risk assessment incorporating biomonitoring, new approach methods, and Bayesian modeling: a case study with deoxynivalenol*
Superfund 35th Anniversary Annual Meeting. 2022
Lone Star Regional Chapter of the Society of Toxicology “2022” Meeting. 2022
Texas A&M University Superfund Research Center External Advisory Board Meeting. 2022