

Linh Thuy Phan, MS, Ph.D. Candidate

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PROFESSIONAL SUMMARY

Environmental Health and Safety Professional with over 5 years of senior-level research experience in industrial hygiene and occupational health and safety. Excellent knowledge of regulatory compliance and proven experience in conducting qualitative and quantitative exposure assessment. Seeking EHS opportunities in the consulting and manufacturing industry.

SELECTED SKILLS

- Exposure monitoring techniques: *noise, air, water, chemical, and microbial sampling*
- Environmental health and safety compliance
- Exposure assessment and control
- Air quality monitoring
- Experience with usage and calibration: *SKC noise dosimeter, TSI aerosol device, Gilian and SKC pumps, dry and wet air samplers*
- Respirator fit testing program
- Hearing conservation program
- Statistical analysis: *R, SAS, SQL, MSAccess*
- Microsoft Office: *Word, Excel, PowerPoint*
- Written and oral communication skills
- Problem-solving and leadership skills
- Interpersonal and teamwork skills

EDUCATION

Ph.D. Candidate, Industrial Hygiene/Exposure Assessment

University of Illinois at Chicago, School of Public Health, December 2018

MS, Environmental and Occupational Health Sciences/Industrial Hygiene (ABET Accredited)

University of Illinois at Chicago, School of Public Health, August 2015

BS, Public Health

Hanoi University of Public Health, Vietnam, May 2012

WORK EXPERIENCE

University of Illinois at Chicago, Chicago, IL

Intern, Environmental Health and Safety Office, August 2018 – Present

- Design and implement silica dust exposure monitoring strategies in the civil engineering laboratory
- Inspect hazardous chemical storage and waste disposal in biochemistry laboratories
- Deliver training on safety practices for working with hazardous materials, chemical storage requirements, and hazardous communication standards

Graduate Research Assistant, September 2015 – Present

- Lead and supervise a team of 5 researchers and physicians to conduct a human subjects research in an acute care hospital funded by the CDC Epicenter for Prevention of Healthcare-Associated Infection
- Lead the design and implementation of research protocols to characterize environmental contamination and healthcare personnel exposure to infectious pathogens in the hospital and a laboratory setting
- Conduct air monitoring for particulate matters and biological agents using different NIOSH air sampling methods
- Evaluate worker personal protective equipment (PPE) doffing practices and the risk of self-contamination with infectious pathogens during PPE removal
- Experience with the respirator fit testing program
- Manage chemical inventory and material safety data sheet for an exposure assessment laboratory
- Implement statistical analysis to perform qualitative and quantitative exposure assessment

Principal Investigator, June 2014 – June 2015

- Designed study proposal and received funding from the National Institute for Occupational Safety and Health to assess the risk of noise-induced hearing loss for train conductors on Chicago public train system.
- Recruited, managed, and trained 40 research participants on using SKC dosimeter and data investigation method within allocated time frames
- Performed multivariate, mixed-effect statistical models to assess noise exposure level
- Highly trained and experienced with environmental and occupational noise exposure regulations

Hanoi University of Public Health, Hanoi, Vietnam

Research Assistant, June 2012 – July 2013

- Designed air sampling protocols and conducted indoor air quality monitoring using Sidepak aerosol monitors in restaurants
- Coordinated water testing with the laboratory partner and perform chemical and microbial exposure assessment through surface water consumption
- Collaborated with 7 regional health departments to investigate the burden of waterborne diseases through the local health surveillance data

SELECTED PUBLICATIONS: [Linh Thuy Phan Google Scholar Profile \(6 publications\)](#)

- **5 peer-reviewed articles about PPE, bioaerosol, and risk assessment to be published**
- **Phan LT**, Jones RM. Chicago Transit Authority Train Noise Exposure. *Journal of Occupational and Environmental Hygiene* 2017 June; 14(6): D86-D91
- **Phan** et al., Oral Presentation “Managing Occupational Exposure to Infectious Agents” at the American Industrial Hygiene Conference and Exposition May 2018
- **Phan** et al., Oral Presentation “Epicenter Prevention Program: Understanding Healthcare Worker Exposure to Infectious Aerosols” at the Workshop of the Air-Microfluidics Group University of Illinois at Chicago April 2018
- **Phan LT**, Jones RM. Poster Presentation: “Chicago Transit Authority Train Noise Exposure” at the Society for Risk Analysis Annual Conference December 2015

SELECTED AWARDS

- First place, Clinical and Translational Science Poster Competition, University of Illinois at Chicago School of Public Health Research Day, **2018**
- American Industrial Hygiene Foundation Scholarship, **2018**
- Michael Bruton Workplace Safety Foundation Scholarship, **2015**
- American Industrial Hygiene Foundation Chicago Local Section Scholarship, **2015**
- P.E.O. International Peace Scholarship, **2015-2016**
- Vietnam Education Foundation Fellowship, **2013**

PROFESSIONAL AFFILIATIONS

- American Industrial Hygiene Association (AIHA): Student Member **September 2013 –present**
- University of Illinois at Chicago AIHA and ASSE Student Section: **August 2013 - present**
- Student Alliance for Public Health and the Environment, **2014-present**