

Exponent®
Engineering & Scientific Consulting

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## Professional Profile

Ms. Lin is an environmental health scientist with broad expertise in environmental exposure assessment, risk assessment, and environmental and occupational epidemiology. Her master's research includes assessing a new method for evaluating personal exposure to chemical mixtures in indoor microenvironments. At Exponent, Ms. Lin supports large cohort mortality studies and toxicological risk assessments for chemical exposures. Projects have included exposures to organic contaminants, ethylene oxide, benzene, TDCE, and heavy metals.

Ms. Lin has researched adverse health outcomes related to exposure to flame retardants, metals, perfluorinated compounds, pesticides, asbestos, endocrine-disrupting chemicals, and occupational exposures. Before joining Exponent, Ms. Lin worked in the technology industry for three years focused on applications for connected technologies, such as cloud technology and internet of things (IoT).

## Academic Credentials & Professional Honors

M.S., Environmental Health, Harvard T.H. Chan School of Public Health, 2022

M.S., Master of Management, University of Michigan, 2017

B.S., Environmental Economics and Policy, University of California, Berkeley, 2015

## Licenses and Certifications

Protecting Human Research Participants

## Prior Experience

Research Assistant, Healthy Buildings Program, Harvard University, 2020-2022

Graduate Student Researcher, Liberation Lab, Harvard University, 2021-2022

Graduate Student Researcher, Environmental Reproductive Justice Lab, Harvard University, 2021-2022

Graduate Student Researcher, Center for Ambient Particle Health Effects, Harvard University, 2020-2022

Executive Assistant, Toxicology & Epidemiology, Gradient, 2018-2020

Cloud Technology Consultant, Oracle Corporation, 2017-2018

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## Professional Affiliations

International Society for Environmental Epidemiology (ISEE)

American Public Health Association (APHA)

• Environment Section, Chemicals & Health Committee

Society for Risk Analysis (SRA)

• Occupational Health and Safety Subcommittee; Justice, Equity, and Risk Subcommittee

## Publications

### Reports

Comments on the manufacturer request for risk evaluation of OTNE Docket ID#: EPA-HQ-OPPT-2020-0738. Submitted May 2021.

### Presentations

Segule, M, Lin, J, Allen, J, and Jimenez, M. Heat Policies and AC Availability in US Prison Systems. Poster presentation, International Society for Environmental Epidemiology 34th Annual Meeting, September 2022

## Project Experience

### Cohort Mortality Studies

Support ongoing cohort mortality studies through analysis of occupational epidemiologic data. Evaluate patterns for disease, including all cancers, mesothelioma, and leukemia.

### Medical Devices

Performed toxicological risk assessments for extractable and leachable substances from medical devices. Conducted biological evaluation for component materials and compounds used in the construction of a newly proposed medical device.

### Toxic Torts

Aided in review of scientific literature regarding the associations between specific PFAS chemicals and various health effects in humans, specifically reproductive and developmental toxicology.

Provided support for toxicological risk assessment for talc exposure and ovarian cancer.

Reviewed historical internal documents and medical records to assess potential occupational and non-occupational exposures to asbestos and risk factors for mesothelioma or lung cancer.

## Additional Education & Training

Environmental Justice: Concepts and Practice, Harvard University, 2022

Special Topics in Environmental Health: Statistical Methods for Environmental Mixtures, Harvard

University, 2021

Workshop: How to Conduct Systematic Reviews and Meta-Analysis, ISEE, 2022