

# Jordan Shore, MPH

## Current Position

Associate Health Scientist I

## Discipline Areas

- > Industrial Hygiene
- > Chemical Hazards
- > Exposure Assessment

## Years' Experience

1 year

## Joined Cardno

2020

## Education

- > MPH, Environmental Health Sciences, University of Michigan School of Public Health, 2020
- > BS, Plant Biology, University of Michigan, 2017

## Summary of Experience

Mr. Shore is an Associate Health Scientist with Cardno ChemRisk. He earned a Master of Public Health (MPH) in Environmental Health Sciences, with a concentration in Industrial Hygiene, from the University of Michigan School of Public Health. Prior to his masters he completed a Bachelor of Science in Plant Biology with a minor in German studies from the University of Michigan. His academic training and work experience is focused on risk assessment, exposure assessment, chemical and physical hazards, sampling strategies and techniques, and ergonomics. Mr. Shore performed health and safety support and updated fire evacuation procedures at an aerospace defense contractor during graduate school. In his current position he is regularly involved in litigation support related to exposure assessment.

## Significant Projects

### Industrial Hygiene

Provided industrial hygiene support including site wide ventilation survey to mitigate toluene vapor exposures in small electronics manufacturing in aerospace defense manufacturing. In addition, conducted noise exposure studies to identify high noise level areas and tasks to inform control measures and identify high-risk operators, and performed routine ergonomic assessments for manufacturing workstations.

Tracked and disposed of hazardous waste in compliance with EPA mandated RCRA including spent solvents, lead, mercury, solder dross, and waste electronics. Maintained high environmental standards by monitoring chemical oxygen demand of wastewater in electronics manufacturing.

Evaluated and updated site wide fire evacuation procedures to maintain ISO 23601 compliance and decrease risk in emergency outcomes. Designed and installed ISO 23601 compliant fire evacuation maps for manufacturing campus, and designed and installed signage for evacuation muster points to work with electronic roll-call badge reader to account for operators in real time during evacuations.

### Research and Compliance

Maintained biosafety standards as a reviewer for the Institutional Biosafety Committee for the University of Michigan Office of Research Compliance. Reviewed, edited, and approved applications for medical research involving human-derived materials, transgenic materials, human and animal pathogens, and bacterial and viral vectors.

Assessed urban air quality of residential Detroit in a prospective cohort study. Installed and evaluated sampling media to determine airborne concentration of PM<sub>2.5</sub> and VOC's in conjunction with subject observation of cardiovascular health outcomes.

### Litigation Support

Conducted literature reviews and case material reviews to provide litigation support on cases with alleged exposure to asbestos (chrysotile, amosite, crocidolite, and tremolite) in end-user products, including cosmetic talcum powders, asbestos-cement pipe, joint compound, and friction materials. Reviewed and summarized case materials and historical corporate documents in the support of opinion development for expert reports, depositions, and trials.

### Professional Honors/Awards

- > University of Michigan School of Public Health-NIOSH Education and Research Center Fellowship (2019 & 2020)

### Membership and Service to Professional Societies

- > American Industrial Hygiene Association (2018 - present)
  - Chicago Local Section (2020 – present)
- > University of Michigan Industrial Hygiene Student Association (2018-2020)
  - Company Liaison (2019 – 2020)