



Daniel Lauer, MPH

Current Position

Senior Associate
Health Scientist I

Discipline Areas

- > Epidemiology
- > Environmental Health
- > Risk Assessment

Years' Experience

2

Joined Cardno

2018

Education

- > MPH, Environmental Health, University of Minnesota School of Public Health, 2018
- > BS, Biological Sciences, University of Denver, 2014

Membership and Service to Professional Societies

Summary of Experience

Mr. Daniel Lauer is a Senior Associate Health Scientist I with Cardno ChemRisk. He earned his MPH in Environmental Health from the University of Minnesota School of Public Health. Mr. Lauer's primary areas of training include epidemiology, environmental health, biostatistics, and risk assessment. During his graduate studies, Mr. Lauer focused on infectious and chronic disease epidemiology. Mr. Lauer also received a BS in Biological Sciences, with minors in Chemistry and Psychology, from the University of Denver. Since joining the firm, Mr. Lauer has applied his epidemiologic training to rigorously investigate the association between biologic, chemical, and physical agents and health outcomes. Specific areas of interest include improving methods in occupational epidemiology, the epidemiology and non-clinical safety of Electronic Nicotine Delivery Systems (ENDS), and microbial risk assessments of food and consumer products.

Significant Projects

Occupational Epidemiology

Talc miners and millers

Synthesized findings from cohort studies to characterize the association between talc (including all accessory minerals) and malignant mesothelioma.

Epidemiology of ENDS

Characterization of risk factors for ENDS use, initiation, and combustible cigarette cessation

Assisted with systematic literature review of studies assessing sociodemographic risk factors for behavioral outcomes related to ENDS use. Synthesized findings from longitudinal studies to summarize population health impact of ENDS use.

Microbial Risk Assessments

Performed risk assessment for exposure to microorganisms (including bacteria and fungi, endotoxins, beta-glucans, and mycotoxins) through inhalation and ingestion pathways. Compared measured levels of microbes in consumer products to health-based guidance values.

- > Society of Epidemiologic Research, 2016- Present
- > Society for Risk Analysis, 2019-Present

Publications

Peer-Reviewed Literature

- > Lauer, D.J., K.A. Mundt, W.J. Thompson, and E.A. Best. 2020. Letter to the Editor: Largely unchanged annual incidence and overall survival of pleural mesothelioma in the USA. *World J Surg.* Advance online publication, Aug. 17, 2020. doi: 10.1007/s00268-020-05737-2.