

# Dan Dinh, MPH

## Current Position

Associate Health Scientist

## Discipline Areas

- > Environmental Epidemiology
- > Risk Assessment
- > Toxicology
- > Consumer Product Safety
- > Biostatistics

## Years' Experience

2

## Joined Cardno

2020

## Education

- > MPH, Environmental Health Science & Policy, George Washington University, 2020
- > BS, Environmental Health Science, Baylor University, 2018

## Summary of Experience

Ms. Dan Dinh is an Associate Health Scientist with Cardno ChemRisk in the DC office. Her primary areas of interests and expertise include environmental epidemiology, biostatistics, toxicology, consumer product safety, and environmental health risk assessment. She holds an MPH in Environmental Health Science and Policy from George Washington University and a BS in Environmental Health Science from Baylor University. Her graduate thesis assessed the association between women's use of consumer products and severity of gynecologic conditions. Prior to joining Cardno ChemRisk, Ms. Dinh worked at an environmental organization statistically assessing health-related effects due to PFAS exposure. Additionally, she also conducted literature review of peer-reviewed articles on tobacco prevalence and tobacco control policies.

## Significant Projects

### Environmental Epidemiology

#### *Graduate Researcher – George Washington University – Washington, DC*

Performed multivariate analyses using SAS to assess the association between use of consumer products and severity of gynecologic conditions. Developed data dictionaries to manage data elements of three research study phases. Conducted participant recruitment – including study consent, survey administration, medical chart abstracts, and biological sample collection and processing.

#### *Environmental Health Intern – Environmental Working Group – Washington, DC*

Performed bivariate analyses to assess the association between drinking water PFAS exposure and health-related outcomes. Trained team members on STATA by developing training demos and conducting one-on-one tutorials.

### Environmental Health Risk Assessment

#### *Undergraduate Researcher – George Washington University – Washington, DC*

Performed probabilistic hazard assessment of cleaning product ingredients through the derivation of its chemical toxicity distributions and subsequently uncertainty factors. Co-authored a published journal article related to this research and presented this research at two national scientific conferences (National Environmental Health Association and Society of Toxicology).

### Food Safety and Sanitation

#### *Food Safety and Sanitation Intern – Department of Environmental Conservation – Anchorage, AK*

Generated statistical reports using multi-year data collected from surveys of food establishments to identify risk factors associated with foodborne outbreaks. Developed a database to record and analyze data reported from foodborne outbreaks. Conducted literature review on food nutrition as well as food safety policies and common practices to

develop deliverables related to food code guidelines for retail food facilities. Assisted in routine inspections of retail food facilities.

#### Tobacco-Related Policy

##### *Research Intern – Truth Initiative – Washington, DC*

Conducted bivariate analyses to assess pre-post program evaluation data using Stata. Maintained a codebook of smoking-related policies, contributing to program development. Reviewed and assessed literature on tobacco prevalence and tobacco control policies, and compiled a research database using EndNote.

##### *Health Communication Research Intern – Fors Marsh Group – Arlington, VA*

Recovered 100+ labor hours on one client project deliverable using automation via Stata and Excel. Single-handedly conducted bivariate analyses to determine the best attributes for tobacco prevention messaging to vulnerable populations.

## Publications

#### Peer-Reviewed Publications

- > Wang Z., Dinh D., Scott W.C., Williams E.S., Ciarlo M., DeLeo P., Brooks B.W. 2019. Probabilistic health hazard assessment of cleaning product ingredients in all purpose cleaners, dish care products, and laundry care products. *Environmental International*. 125/399-417.

## Presentations

#### Poster Presentation

- > Dinh D., Wang Z., Brooks B.W. Probabilistic hazard assessment of cleaning product ingredients in all purpose cleaners. Presented at 2018 Society of Toxicology Meeting, San Antonio, TX. March 11-15, 2018.
- > Dinh D., Wang Z., Brooks B.W. Probabilistic hazard assessment of cleaning product ingredients in all purpose cleaners. Presented at NEHA 2017 AEC, Grand Rapids, MI. July 10-13, 2017.