

# Tyler J. S. Smith, MPH

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## Education and Training

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2024 (expected)	Johns Hopkins Bloomberg School of Public Health PhD in Exposure Science and Environmental Epidemiology
2015	Johns Hopkins Bloomberg School of Public Health MPH in Epidemiologic and Biostatistical Methods
2011	Johns Hopkins University BA in History

## Professional Experience

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2016-2019	Earthjustice Staff Scientist, Sustainable Food & Farming
2015-2016	Consumer Reports Manager, Food Safety & Sustainability
2011-2015	Johns Hopkins Center for a Livable Future Program Officer

## Professional and Editorial Activities

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Committees	Co-Chair, Chemicals & Health Committee, Environment Section (2017-2019) American Public Health Association
Sessions Organized	Taking Action to Defend Science and Protect Public Health at the Environmental Protection Agency American Public Health Association Philadelphia, PA, 2019 November 5  Climate-Friendly Farming: A Public Health Imperative American Public Health Association Atlanta, GA, 2017 November 6
Sessions Moderated	The Environment and Reproductive Risks American Public Health Association Denver, CO, 2016 November 2
Reviewer	<i>Environmental Health Perspectives</i> <i>Environmental Research</i>

## Honors and Awards

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| 2018 | Committee of the Year<br>Environment Section, American Public Health Association                              |
| 2015 | Delta Omega<br>National Honor Society for Public Health   |
| 2011 | Arthur Kouguel Memorial Prize<br>Department of History, Johns Hopkins University<br>Best Undergraduate Thesis |

## Publications

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### Peer Reviewed

1. Nachman KE, **Smith TJ**. Hormone Use in Food Animal Production: Assessing Potential Dietary Exposures and Breast Cancer Risk. *Curr Environ Health Rep*. 2015.
2. **Smith TJ**, Wolfson JA, Jiao D, Crupain MJ, Rangan U, Sapkota A, Bleich SN, Nachman KE. Caramel Color in Soft Drinks and Exposure to 4-methylimidazole: A Quantitative Risk Assessment. *PLoS One*. 2015.
3. **Smith TJ**, Rubenstein LS, Nachman KE. Availability of Information about Airborne Hazardous Releases from Animal Feeding Operations. *PLoS One*. 2013.
4. Maron DF, **Smith TJ**, Nachman KE. Restrictions on Antimicrobial Use in Food Animal Production: An International Regulatory and Economic Survey. *Global Health*. 2013.

### Other

1. Nachman KE, **Smith TJ**, Martin RP. Antibiotics: Call for Real Change. *Science*. 2014.
2. Lawrence RS, Nachman KE, **Smith TJ**. Antibiotics: Collect More US Data. *Nature*. 2013.

## Presentations

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### Oral Presentations

1. **Smith TJ**, Buckley JP, Navas-Acien A, Pearce JL, Avolio LN, ... Labrique AB, Heaney CD. Using Self-organizing Maps to Identify Metal Mixture Exposures in Pregnant Women in Rural Northern Bangladesh, at *International Society of Exposure Science*, Virtual, 2021 September 1.
2. **Smith TJ**, Avolio LN, Navas-Acien A, Goessler W, van Geen A, ... Labrique AB, Heaney CD. Arsenic Methylation and Body Composition among Pregnant Women in Rural Northern Bangladesh: The PAIR Study, at *International Society for Environmental Epidemiology*, Virtual, 2021 August 24.
3. **Smith TJ**. Censoring Science: How the Trump Administration Is Trying to Control the Data and Models Used in EPA Decision-Making, at *American Public Health Association*, Philadelphia, 2019 November 5.

4. **Smith TJ**. Industrial Agriculture: Causes and Consequences of Climate Pollution, at American Public Health Association, Atlanta, 2017 November 6.

#### Posters

1. **Smith TJ**, Heaney CD, Ali H, Alland K, Avolio LN, ... Labrique AB. Arsenic and Immune Response to Influenza Vaccination in Pregnant Women and Newborns, at International Society for Environmental Epidemiology, Virtual, 2020 August.
2. Maron DF, **Smith TJ**,\* Nachman KE. Restrictions on Antimicrobial Use in Food Animal Production: An International Regulatory and Economic Survey, at American Public Health Association, Boston, MA, 2013 November.
3. **Smith TJ**, Rubenstein LS, Nachman KE. Availability of Information about Airborne Hazardous Releases from Animal Feeding Operations, at North Carolina Environmental Justice Summit, Whitakers, NC, 2012 October.

\* *Smith TJ was the presenter.*

#### Teaching

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##### Guest Lectures

2021	Risk Assessment in Agency Decision-making Course: Food Systems and US Environmental Law Columbia Law School
2021	Risk Assessment in Agency Decision-making Course: Food Systems and Environmental Law Yale Law School
2020	Risk Assessment in Agency Decision-making Course: Food Systems and US Environmental Law Columbia Law School
2019	Risk Assessment in Agency Decision-making Course: Food Systems and US Environmental Law Columbia Law School
2017	Childhood Lead Poisoning Course: Risk Policy, Management, and Communication Johns Hopkins Bloomberg School of Public Health
2011	Public Health and the Regulation of Concentrated Animal Feeding Operations under the Clean Water Act Course: Food Production, Public Health, and the Environment Johns Hopkins Bloomberg School of Public Health

##### Teaching Assistantships

2022	Molecular Epidemiology & Biomarkers in Public Health
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Johns Hopkins Bloomberg School of Public Health

2021-present      Exposure Sciences & Environmental Epidemiology Journal Club  
Johns Hopkins Bloomberg School of Public Health

2021                Environmental & Occupational Epidemiology  
Johns Hopkins Bloomberg School of Public Health

2014                Introduction to the Risk Sciences & Public Policy  
Johns Hopkins Bloomberg School of Public Health

2014                Introduction to the Risk Sciences & Public Policy (Online)  
Johns Hopkins Bloomberg School of Public Health

2013                Introduction to the Risk Sciences & Public Policy  
Johns Hopkins Bloomberg School of Public Health