# Molly L. Kile, ScD

Professor, School of Nutrition and Public Health
College of Health, Oregon State University

**Curriculum Vitae** (updated: 09.20.25)

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## I. EDUCATION

1995 BS (Marine Science), University of California Santa Cruz

2001 MS (Environmental Science and Engineering) Harvard School of Public Health

2006 ScD (Environmental Health) Harvard School of Public Health

## II. PROFESSIONAL AND EXECUTIVE LEADERSHIP EXPERIENCE

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|---|---|
| 2025 – Present | Council Member, Oregon Environmental Restoration Council, Appointed by Governor Kotek, State of Oregon |
| 2025 – Present | Member, Air Toxic Air Contaminant Review and Update Rulemaking, Department of Environmental Quality, State of Oregon |
| 2024 – Present | Charter Member and Chair, Population Social and Environmental Determinants of Health Study Section (SEDH) Sciences and Epidemiology Integrated Review Group, Center for Scientific Review, National Institute of Health |
| 2024 – Present | Director, Public Health Doctoral Program, School of Nutrition and Public Health, College of Health (formerly called College of Public Health and Human Sciences), Oregon State University, Corvallis, OR |
| 2023 – Present | Editor-In-Chief, Current Environmental Health Report, Springer Nature. |
| 2020 – Present | Professor (with tenure), School of Nutrition and Public Health, College of Health (formerly called College of Public Health and Human Sciences), Oregon State University, Corvallis, OR |
| 2018 – 2023 | Board Member (voting), Oregon Watershed Enhancement Board, State of Oregon |
| 2017 – 2023 | Environmental Quality Commissioner, Oregon Department of Environmental Quality, Appointed by Governor Brown and Senate Confirmed. State of Oregon. |
| 2016 – 2020 | Associate Professor (with tenure), Public Health/Environmental Health Oregon State University, College of Public Health Human Sciences, Corvallis, OR |

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| 2015 – 2018 | Review Committee Member, Environmental Health Science Review Committee, National Institute of Environmental Health Sciences, NIH |
| 2015 – 2017 | Executive Council Member, International Society for Environmental Epidemiology |
| 2012 – 2015 | Program Director, Environmental & Occupational Health<br>School of Biological and Population Health Sciences<br>College of Public Health and Human Sciences, Oregon State University, Corvallis, OR |
| 2011 – 2016 | Assistant Professor, Public Health/Environmental Health<br>College of Public Health Human Sciences, Oregon State University, Corvallis, OR |
| 2009 – 2011 | Research Associate, Department of Environmental Health<br>Harvard School of Public Health, Boston MA |
| 2009 – 2011 | Instructor, Harvard Extension Program<br>Division of Continuing Education, Harvard University, Cambridge, MA |
| 2006 – 2009 | Postdoctoral Research Fellow (Laboratory, David Christiani, MD)<br>Harvard School of Public Health, Boston MA |
| 1999 – 2006 | Research Assistant (Laboratory, David Christiani, MD)<br>Harvard School of Public Health, Boston MA |
| 1996 – 1999 | Research Assistant (Laboratory, Kent Simmons, PhD)<br>Bermuda Biological Station for Research, St. George's, Bermuda |
| 1994 – 1996 | Laboratory Technician<br>Zymax Environmental Analytical Laboratory, San Luis Obispo, CA |

*Formerly School of Biological and Population Health Sciences, College of Public Health and Human Sciences*

## III. HONORS AND AWARDS

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|---|---|
| 2024 | Dean's Unsung Hero Award, College of Health, Oregon State University (with other faculty involved in CORE implementation) |
| 2024 | Bronze award, Association of Communication Excellence (popular publications), "Nitrate in Your Drinking Water", OSU Extension Publications |
| 2023 | Excellence in Communication and Marketing Award (content category), "Be Well Study", OSU Extension Conference, Corvallis, OR |
| 2022 | Dean's Unsung Hero Award, College of Health and Human Sciences, Oregon State University (with other 2022 CPHHS faculty senators) |

2021 Honorable Mention, Scientific and Technological Achievement Award, "Foster S, et al. (2019). Arsenic violations in US water post-MCL revision. *Environ Sci Technol*", United States Environmental Protection Agency

2015 James and Mildred Oldfield/E.R. Jackman Team Award, Oregon State University College of Agricultural Sciences

2009 Department of Epidemiology Rising Star, Harvard School of Public Health

2007 Great Place to Work Award (Course Development), Harvard School of Public Health

2006 Rebecca James Baker Award, International Society for Environmental Epidemiology

2004 Outstanding Platform, 1st Central and European Environmental Health Conference.

## IV. GRANTS AND CONTRACTS

### *A. Current Research Support*

Grant #: NIEHS P2C
Period: 01/2022 – 12/2027
Total Amount: $5,000,000
Title: ASP3IRE Center: Advancing the science, policy, programs, and practices of children's environmental health research translation.
Role: Principal Investigator and Director (co-PI: McClelland)

Grant #: EPA 84075001
Period: 03/01/2024 – 02/28/2027
Total Amount: $660,000
Title: Smoke Preparedness Planning and Interventions for Oregon's Children
Role: Principal Investigator

Grant #: NIEHS P30
Period: 04/2020 – 03/2026
Total Amount: $7,300,000
Title: Pacific Northwest Environmental Health Research Translation Center
Role: Director of Pilot Project Program, Center Principal Investigator (Jamie DeWitt)

### *B. Past Research Support*

Grant #: NIEHS R01 ES031669
Period: 08/2020 – 07/2024 (no cost extension, 07/2025)
Total Amount: $1,470,000
Title: Effectiveness and scalability of a home health navigator program to reduce environmental hazards.
Role: co-Principal Investigator (coPI: Irvin)

Grant #: NEHS R01 ES029497 Bioethics Supplement
Period: 09/01/2023-05/31/25
Total Amount: $221,201

Title: Trauma informed bioethical reporting of environmental and social exposure data to participants in the children's flame retardant exposure measured by passive wristbands study.
Role: Co- Principal Investigator (with Shannon Lipscomb)

Grant #: NIEHS R01 ES029497 Diversity Training Supplement
Period: 02/26/2021 – 05/31/2022
Total Amount: $26,620
Title: Examining Flame Retardant Exposure, Neurocognitive Effects, and Resilience Factors in Children from Underserved Racial/Ethnic Backgrounds in Preschool
Role: Co- Principal Investigator (with Shannon Lipscomb and trainee Alexis Merculief)

Grant #: NIEHS R01 ES029497
Period: 09/01/2019 – 05/31/2024 (no cost extension, 05/2025)
Total Amount: $3,674,145
Title: Children's flame retardant exposures measured by passive wristbands: Sex specific associations, social adversity, and socio-cognitive development
Role: Co- Principal Investigator (with Shannon Lipscomb)

Grant #: NIEHS P42
Period: 03/2020 – 02/2025
Total Amount: $6,900,000
Title: PAHS: New Technologies and Emerging Health Risks
Role: Director of Community Engagement Core, Center Principal Investigator (Robert Tanguay)

Grant # OSU Seagrant
Period: 4/1/2019 - 3/30/2021 (no cost extension)
Total Amount: $9,000
Title: Risk perceptions of Domoic Acid among razor clam harvesters in Oregon
Role: Principle Investigator

Grant #: NIEHS R01
Period: 07/08/2014-07/06/2020 (in no cost extension year)
Total Amount: $1,509,200
Title: Developmental exposure to arsenic and immune function in children
Role: Principal Investigator‡

Grant #: NIEHS/EPA P42 ES016465 (PI: Williams)
Period: 04/01/2013 –03/31/2018 *One year extension, 8/2019*
Total Amount: $658,000
Title: Polycyclic aromatic hydrocarbon mixtures: New technology and Emerging Health Risks Core E: Community Engagement Core—Tribal-University Evaluation of Chemical Exposures to Improve Community Health
Role: Principal Investigator‡

Grant #: NIEHS K01 ES017800
Period: 02/01/2010 – 01/31/2015
Total Amount: $540,000
Title: Epigenetic Effects of Prenatal Arsenic Exposure and Fetal Growth
Role: Principal Investigator

Grant #: REACH Catalyst Grant
Period: 08/01/2016 – 07/30/2017
Total Amount: $100,000
Title: Co-occurrence of Heavy Metal and Antibiotic Resistance in Microorganisms Due to Arsenic Contamination in Water Insecure Areas of Bangladesh
Role: Co-investigator

Grant #: NIEHS R21
Period: 09/01/2015-08/31/2017
Total Amount: $401,500
Title: Diet and arsenic interactions in the development of diabetes
Role: Co-Investigator (PI: Ho, Emily)

Grant # NIEHS R13
Period: 9/1/2017 - 8/30/2019
Total Amount: $10,000
Title: 3rd Tribal Environmental Health Summit
Role: Principal Investigator

Grant: Oregon State University Division of Health One Health Pilot Grant
Period: 07/01/12 - 06/30/13
Total Amount: $45,000
Title: Influence of arsenic on intestinal microbiota and immune function
Role: Co- Principal Investigator‡

Grant # OSU EHS Center Pilot Grant P30 ES000210 (Beckman)
Period: 04/01/2012 – 03/31/2013
Total Amount: $25,000
Title: Early childhood exposure to PBDEs and school readiness in children aged 3-5 years
Role: Co-Principal Investigator‡

Grant: OSU/CPHHS Hallie Ford Center
Period: 10/01/2012 – 09/30/2013
Total Amount: $7,000
Title: Flame retardants and home environment on children's school readiness
Role: Co-Principal Investigator‡

Grant: OSU EHS Center Pilot Grant P30 ES000210 (Beckman)
Period: 01/31/2012 – 03/30/2012
Total Amount: $5,000
Title: Environmental determinants of gains in school readiness for children aged 3-5
Role: Co-Principal Investigator‡

Grant # NIEHS/EPA P42 ES016454-01A2 (Wright)
Period: 04/01/10 – 03/31/14
Total Amount: $2,225,000
Title: Superfund Metal Mixtures Biomarkers and Neurodevelopment. Project 1: Genetic epidemiology of neurodevelopmental metal toxicity.
Role: Co-Investigator (PI: Christiani)

Grant: NIH/Clinical Research Loan Repayment Program
Period: 07/30/11 – 06/30/2012
Total Amount: $25,000
Title: Arsenic and Fetal Growth
Role: Principal Investigator

Grant #: NIEHS/R01 ES015533
Period: 06/01/2007 – 05/31/2012
Total Amount: $1,250,000
Title: Arsenic Exposure and Birth Outcomes in Bangladesh
Role: Co-investigator (PI: Christiani)

Grant: NIH/Clinical Research Loan Repayment Program
Period: 07/01/2009 - 06/30/2011
Total Amount: $50,068
Title: Gene-environment interactions influencing susceptibility to arsenic exposure
Role: Principal Investigator

Grant: HSPH Dean's Gene-Environment Initiative
Period: 07/01/2009 – 06/30/2010
Total Amount: $200,000
Title: Arsenic Exposure, Epigenomic Biomarkers from Umbilical Veins and Fetal Growth
Role: Principal Investigator

Grant: HSPH-NIEHS Center for Environmental Health (PI: Dockery)
Period: 07/01/2008 – 06/30/2009
Total Amount: $20,000
Title: Arsenic Exposure, Epigenomic Biomarkers from Umbilical Veins and Fetal Growth"
Role: Principal Investigator

Grant: Harvard Education and Research Center (PI: Christiani)
Period: 07/01/2008 – 06/30/2009
Total Amount: $20,000
Title: Occupational exposure to metal-rich PM2.5 and DNA methylation
Role: Principal Investigator

Grant #: NIEHS/R01 ES011622
Period: 09/23/2002 – 07/31/2008
Total Amount: $1,250,000
Title: Arsenic Exposure and Skin Diseases in Bangladesh
Role: Co-investigator (PI: Christiani)

## V. TEACHING EXPERIENCE

### Oregon State University

*indicates a course developed by Kile*
*H6## = doctoral ; H5##=graduate ; H1##-4##=undergraduate ; E=taught through OSU Ecampus*
*Question #1: Student Course Evaluation Question "Instructor contributed to an inclusive and meaningful learning community", scale:1 (low) – 6 (high)*
*Question #2: Student Course Evaluation Question "Instructor's practices teaching as a discipline and course materials were accessible to me," scale:1 (low) – 6 (high)*

| Course # | Course Title (Credits) | Term | Instructor #1 Mean | Instructor #2 Mean |
|---|---|---|---|---|
| H611 | Intro to Systematic Literature Review Methodology (3) | F 2023 | 5.9 | 5.9 |
| | | F 2022 | 5.9 | 5.9 |
| | | F 2024 | 6.0 | 6.0 |
| H642/542 | Environmental and Occupational Health Risk Assessment (3) | W 2019 | 5.4 | 5.6 |
| | | W 2016 | 5.6 | 5.8 |
| | | S 2014 | 5.2 | 5.5 |
| | | S 2022 | 5.6 | 5.4 |
| H612 | Doctoral Seminar Public Health (1) | W2013 | 4.5 | 4.7 |
| | | W2012 | 4.5 | 4.5 |
| H512 & H512-E | Intro to Environmental and Occupational Health (3) | W 2025 | 6.0 | 6.0 |
| | | W2024 | 5.8 | 5.8 |
| | | W 2022 | 6.0 | 6.0 |
| | | S 2021 | 5.7 | 5.5 |
| | | S 2020 | 5.0 | 5.9 |
| | | W 2020 | 5.0 | 5.0 |
| | | W 2019 | 5.8 | 5.8 |
| H544 | Environmental & Occupational Epidemiology (3) | S2017 | 5.2 | 5.2 |
| | | S2016 | 5.5 | 5.8 |
| | | W2015 | 5.7 | 5.8 |
| | | F2013 | 5.0 | 5.5 |
| | | W2023 | 5.9 | 5.9 |
| H4/507 | EOH Leadership Seminar (1) | W2022 | 5.9 | 5.9 |
| | | S2020 | 5.4 | 5.4 |
| H514 | Environment Safety and Health Seminar (1) | W2020 | 5.4 | 5.4 |
| | | F2019 | 5.8 | 5.8 |
| | | S2019 | 5.9 | 6.0 |
| | | W2019 | 5.5 | 5.3 |
| | | F2018 | 6.0 | 6.0 |
| | | S2018 | 5.8 | 5.8 |
| | | W2018 | 5.3 | 5.9 |
| | | F2017 | 5.6 | 5.7 |
| | | F2020 | 5.8 | 5.5 |
| H599 | Environmental Monitoring for Human Health (3) | W2017 | 4.5 | 5.0 |
| H543 | Exposure Science 1 (3) | W2014 | 5.1 | 5.0 |
| | | W2014 | 4.5 | 5.0 |
| TOX 507 | Science Communication for General Audiences (1) | S2013 | 5.0 | 6.0 |
| H546 | Environmental & Occupational Sampling (4) | W2012 | 4.3 | 4.8 |
| H344 & H344-E | Foundations of Environmental Health (3) | W2021 | 5.3 | 4.0 |
| | | S2019 | 5.3 | 4.5 |

**Harvard School of Public Health**
*Evaluation Item #1: "The course as a whole was…"*
*Evaluation Item #2: "the instructors contribution to the course was…"*
*Evaluation Item #3: Please rate the overall availability of the instructor outside of class…"*
*Scale: 1 (lowest) – 5 (highest), value reported is median*

| Course Number | Course (credits) | Term | Evaluation Item #1 | Evaluation Item #2 | Evaluation Item #3 |
|---|---|---|---|---|---|
| EH202 | Principles of Environmental Health (2.5) | S2010 | 3.8 | 3.7 | 4.6 |
| | | S2009 | 3.9 | 4.2 | 4.4 |
| | | S2008 | 4.0 | 3.7 | 4.2 |
| | | S2007 | 4.0 | 3.7 | 4.2 |
| EH201 | Introduction to Environmental Health (2.5) | Su2009 | 3.8 | 3.9 | 4.2 |

## VI. ADVISING

### DOCTORAL STUDENTS

***Oregon State University***
*Public Health PhD Major Advisor (Environmental and Occupational Health)*

2024 - Matt Agnew, dissertation TBD

2023 - Sharon Chang, dissertation TBD

2019-2023 Stephanie Foster, "Neurocognitive Effects of Flame Retardants Among Young Children and Mothers and Predictors of Exposure"

2017-2021 Faye Andrews, "Environmental Metal Exposures and Effects on Maternal and Child Health in Bangladesh"

2016-2020 Sharia Ahmed, "Environmental and Community Exposures and Children's Infectious Diseases in Bangladesh" [*Note, Dr Ahmed's PhD concentration was Epidemiology]*

2016-2019 Barrett Welch, "Prenatal and Early Life Metal Exposures and Immune Function in Children"

2015-2022 Barbara Hudson-Hanley, "Polycyclic Aromatic Hydrocarbons (PAH) Exposure Trends, and Evidence of Adverse Health Outcomes in Infants and Children from Prenatal/Early-Life PAH Exposure"

2012-2015 Andres Cardenas, "In Utero Exposure to Arsenic and Mercury: Epigenome-Wide Associations and Newborn Health Outcomes"

2011-2016 Jennifer Przybyla, "Environmental Mixtures and Selected Health Outcomes in the U.S. Population"

*Public Health PhD Doctoral Committee Member*

2024 - Kirstin Yeoman, Public Health PhD Dissertation TBD

2022 - Mariam Buqammaz, "A study of heat exposure assessment and heat strain mitigation among outdoor workers in Middle Eastern and Northern African (MENA) countries focusing on Kuwait"

2018-2024 Sigride Asseko, "Novel Approaches for Assessment of Air Pollution Exposures and Health Risks in Low- and Middle-Income Settings"

2018-2024 Solaiman Abeer Doza, "Evaluating Factors Related to Injury Risk in Agriculture, Forestry, And Fishing to Identify Prevention Opportunities"

2019-2021 Ying Wang, "Household Air Pollution and Adult Respiratory Health in Low- and Middle-Income Countries"

2016-2020 Mary Willis, "Quasi-Experimental Methods to Assess the Impacts of Energy Sector Emissions on Pregnancy Outcomes"

2012-2015 Leanne Cusack, "Evaluating the Public Health Risks of Methylmercury Exposure and Benefits from Omega-3 Fatty Acids and Selenium from Fish Consumption"

2011-2016 Eric Coker, "Examination of Multiple Air Pollutant Exposure, the Food Environment, and Low Birthweight in Los Angeles, County"

2017-2022 Rebecca Amantia, "Refugee Camp Pregnancy-Related and Child Health: Community health workers performance and refugee health-promoting and service utilization behaviors"

***Oregon Health Sciences University***
*Epidemiology PhD Committee Member*
2019-2023 Lauralee Fernadez, "Anemia: Screening Tools, Risk Factors, and Barriers to Treatment in Tumbes, Peru"

***Columbia University Mailman School of Public Health***
*Environmental Health PhD Committee Member*
2018 – 2019 Anne Bozack, "Chronic arsenic exposure in Bangladesh and the United States: from nutritional influences on arsenic methylation to arsenic-induced epigenetic dysregulation"

***Harvard School of Public Health***
*Environmental Health ScD Committee Member*
2009 – 2014 Christine Dobson, "Cadmium and arsenic co-exposure and associations with birth weight and placental leptin expression"

2008-2013 Wei Jie Seow, "Genetic and Epigenetic Interactions of Arsenic-induced Skin Lesions"

**MASTERS IN PUBLIC HEALTH**
***Oregon State University – Major Advisor***
2024- Zack Kowash, TBD

2021-2023 Jordan Spradlin, "The Green Games: Future Generation of Sustainable Events"

2021-2023 Shila Campbell, "A Business Case for Ergonomic Safety in the Manufacturing Industry"

2020-2022 Elizabeth Castillo-Chilcote, "Temporal and Spatial Patterns of Nitrate and Arsenic Contamination in Domestic Well Water in Oregon"

2018-2020 Crystal Ybarra, "Pesticides, Depression, and Suicide Prevention: A Total Worker Health Program"

2017-2019 Stephanie Fitch, “Safety and Health Achievement Recognition Program (SHARP)Assessment at the City of Eugene Public Works Department”

2017-2018 Kendra Henderson, “Project C.U.R.E.: Initiating pharmaceutical donations to low-income countries”

2016-2018 Stephanie Foster, “Arsenic Drinking Water Violations Decreased Across the United States Following Revision of the Maximum Contaminant Level”

2014-2016 Barrett Welch, “Evaluation Criteria for HP Ink Ingredients: Strategies for Managing Future Risks”

2011-2016 Callie Walsh Bailey, “A Look into Aging for Oregon’s Rural Minority Senior Population”

2013-2015 Barbara Hudson-Hanley, “Bio-accessibility of Arsenic in Duplicate Foods Consumed by Women of Reproductive Age in Bangladesh in 2004”

2012-2015 Erin Gleason, “Pilot Study of a Mobile Scanning Application for Monitoring and Evaluation Within a Pakistani Tuberculosis Intervention”

2012-2014 Chip Ullstad, “Evaluation, Findings, and Recommendations for the Public Water System Serving Goma, Democratic Republic of the Congo”

2011-2013 Andrew Willis, “Global Environmental Health and Safety Internship”

2011-2013 Robyn Espy, “Multnomah County Health Department Communicable Diseases Services”

**UNDERGRADUATE STUDENT HONORS THESIS ADVISOR**
***Oregon State University***

2024-2025 Elsa Buchholz (Public Health, BS) “Evaluating the OSU Extension Service Groundwater Protection Program Outreach"

2024-2025 Karalyn Holt (HDFS, BS) “Relationship Between TDCPP Exposure and Children’s Hyperactivity and Inattention Based on Self-Reported Parent and Teacher SSIS Scores in a Cross-Sectional Study”

2024-2025 Zack Kowash (Bioresearch Resources, BS) “Evaluating the Effects of Exposure to Chemical Flame Retardants on Children's Academic Achievement”

2023-2024 Julia Pavlosek (Microbiology, BS) “Perceived Risk: Influence of individual, household, and environmental factors on Oregon well owners”

2021-2023 Austin Nichols (Biochemistry BS) “Mothers’ Anxiety Induced by COVID-19 Pandemic and their Children’s Executive Function Outcome”

2021-2023 Ditte Hansen (Public Health, BS) “The Effects of TDCPP on Children’s Executive Functioning as Observed with HTKS-R Outcomes”

2019-2021 Anna Breen (Bioresearch Resources, BS) “Analysis of Mercury Levels in Sindoor in Bangladesh Populations”

2019-2020 Costanza Fantoni (Chemistry/Environmental Science BS) “Correlation Between Fine Particulate Matter and Traffic Type and Density in Curitiba, Brazil”

2015-2017 Nate Stanley (Bioresearch Resources, BS) “A Cross-Sectional Analysis of Dietary and Environmental Factors Associated with Vitamin D Status in Rural Bangladeshi Women”

2015-2016 Alan Bienvenida (International Studies/Biology BS) "Urbanization, poverty, and education as barriers to accessing cancer treatment: A qualitative pilot study in Morocco"

2012-2014 Erik Dove (International Studies, Biology BS) "Evaluation of Ceramics Containing Lead Paint as a Route of Exposure"

2012-2014 Brittney Alves (Bioresearch Resources, BS) "A Cross-Sectional Pilot Study Exploring the Relationship Between Early Childhood Environmental Exposure to Log Transformed 2,2',4,4'-tetrabromodiphenyl ether and Motor Skills"

2013-2014 Kenneth Willard (Bioresearch Resources, BS) "A Cross-Sectional Pilot Study of PBDE Exposures Measured Using Silicone Wristbands and Household Characteristics"

## VII. SCHOLARLY PUBLICATIONS & PRESENTATIONS

### A. Peer-reviewed journal articles

1. Lucas-Woodruff C, Irvin V, Nielson L, Megowan M, Pavlosek J*, Anderson L, **Kile ML**. (2025) Delivering Well Water Treatment Programming: A feasibility study to mitigate arsenic exposure in Oregon. *Journal of Extension, 63(3), Article 12. https://open.clemson.edu/joe/vol63/iss3/12*

2. Merculief, Al, McClelland M, Foster S, Geldhof J, Lipscomb S, Anderson K, **Kile ML.** (2025) Socioeconomic and racial-ethnic disparities in flame retardant exposure and executive function skills in preschool children. Environmental Health, **24**, 46. DOI:10.1186/s12940-025-01200-8

3. Irvin V, **Kile ML,** Lucas-Woodruff C, Cude C, Anderson L, Baylog K, Hovell MF, Choun S, Kaplan RM. (2024) An Overview of the Be Well Home Health Navigator Program to Reduce Chemical Contaminants in Well Water: Design and Methods Contemporary Clinical Trials, article number: 107497. DOI: 10.1016/j.cct.2024.107497.

4. Lucas-Woodruff C, Irvin V, Nielson L, Megowan M, Pavlosek J, Anderson L, **Kile ML**. (2024) Delivering Well Water Treatment Programming: A feasibility study to mitigate arsenic exposure in Oregon. Journal of Extension, accepted. In press.

5. Larkin A., MacDonald M., Jackson, D., **Kile ML**, Hystad P. (2024) Identifying children's environmental health risks, needs, misconceptions, and opportunities for research translation using social media. Exploration of Digital Health Technologies, 2:59-66.

6. Foster SA, **Kile ML**, Hystad P, Diamond ML, Jantunen LM, Mandane PJ, Moraes TJ, Navaranjan G, Scott JA, Simons E, Subbarao P, Takaro TK, Turvey SE, Brook JR. (2023) Organophosphate ester flame retardants and plasticizers in house dust and mental health outcomes among Canadian mothers: a nested prospective cohort study in CHILD, Environmental Research, 240(1): 117451

7. Moran IL, Tidwell L, Barton M, **Kile ML**, Miller P, Rohlman D, Seguinot-Medina S, Ungwiluk B, Waghiyi V, Anderson K. (2023) Diffusive fluxes of persistent organic pollutants between Artic atmosphere, surface waters, and sediments. Science of the Total Environment, Jun 1:164566. doi: 10.1016/j.scitotenv.2023.164566. Epub ahead of print. PMID: 37270011.

8. Amin MB, Talukdar PK, Asaduzzaman M, Roy S, Flatgard BM, Md. Islam R, Saha SR, Mahmud ZH, Navab-Daneshmand T, **Kile ML**, Levy K, Julian TR. Islam MA (2022) Effects

of chronic exposure to arsenic on the fecal carriage of antibiotic-resistant Escherichia coli among people in rural Bangladesh. PLOS Pathogens 18(12): e1010952.

9. Andrews FV, Branscum A, Hystad P, Smit E, Afroz S, Golam M, Sharif O, Rahman M, Quamruzzaman W, Christiani DC, **Kile ML.** (2022) Testing the Limit: Evaluating Drinking Water Arsenic Regulatory Levels Based on Adverse Pregnancy Outcomes in Bangladesh. Toxics, 10(10): DOI 10.3390/toxics10100600
10. Andrews FV, Branscum, A. J., Hystad, P., Smit, E., Afroz, S., Golam, M., Sharif, O., Rahman, M., Quamruzzaman, Q., Christiani, D. C., **Kile, ML**.,(2022) A prospective study of arsenic and manganese exposures and maternal blood pressure during gestation, Environ Res, 214(Pt 1): 113845, 2022.
11. Rohlman D, **Kile ML,** Irvin V. (2022) Developing a Short Assessment of Environmental Health Literacy (SA-EHL) International Journal of Environmental Research and Public Health, 19(4):2062
12. Lee, MS, Eum KD, Golam M, Quamruzzaman Q, **Kile ML**, Mazumdar M, Christiani DC. (2022) Association between Cooking Biomass Fuels and Birth Outcomes in Bangladeshi Children. Occupational and Environmental Medicine. 79:333-338
13. Lee MS, Eum KD, Golam M, Quamruzzaman Q, **Kile ML**, Mazumdar M, Christiani DC. (2021) Association between umbilical cord blood metal mixtures and birth size in Bangladeshi children. Environmental Health Perspectives, 129(5):57006. doi: 10.1289/EHP7502
14. Hudson-Hanley B, Smit E, Branscum A, Hystad P, **Kile ML** (2021). Polycyclic Aromatic Hydrocarbon Exposure Trends in the Non-Smoking U.S. Population, 2001-2014. Chemosphere, 276, 130211.
15. Andrews, F, Smit E, Welch BM, Ahmed SM, **Kile ML** (2021). Urinary Polycyclic Aromatic Hydrocarbons Concentrations and Hepatitis B Antibody Serology in the United States (NHANES, 2003-2014). Environmental Research, 195:110801.
16. Wills MD, Hill E, Carozza S, **Kile ML**, Hystad P (2020). Assessing the Effectiveness of Vehicle Emission Regulations on Improving Perinatal Health: A Population-Based Accountability Study. International Journal of Epidemiology, dyaa137, https://doi.org/10.1093/ije/dyaa137.
17. Welch B, Branscum A, Goldhod GH, Ahmed SM, Hystad P, Smit E, Afroz S, Megowan M, Golam M, Sharif O, Rahman M, Quamruzzaman Q, Christiani DC, **Kile ML**. (2020) Evaluating the effects between metal mixtures and serum vaccine antibody concentrations in children: A prospective birth cohort study. Environmental Health, 19:41
18. Ahmed SM, Branscum A, Welch BM, Megowan M, Bethel JW, Odden MC, Afroz SJ, Hasan OSI, Lin PI, Mostofa G, Quamruzzaman Q, Rahman M, Chirsitaini DC, **Kile ML**. (2020)A prospective cohort study of in-utero and early childhood arsenic exposure and infectious disease in 4-5 year old Bangladeshi children. Environmental Epidemiology, 4(2):e086

19. Bozack A, Cardenas A, Geldhof J, Quamruzzaman Q, Mostofa G, Christiani DC, **Kile ML.** (2020) Cord blood DNA methylation of DNMT3A mediates the association between in utero, Environmental Research, 183: 109134
20. Kramer A, Campbell L, Donatuto J, Heidt M, **Kile ML**, Simonich SLM (2020). Impact of Local and Regional Sources of PAHs on Tribal Reservation Air Quality in the U.S. Pacific Northwest. Science of the Total Environment, 710:136412
21. Foster S, Pennino M, Compton J, Leibowitz S, **Kile ML** (2019). Arsenic drinking water violations decreased across the United States following revision of the maximum contaminant level. Environmental Science and Technology, doi:org/10.1021/acs.est.9b02358
22. Nguyen CC, Hudie CN, **Kile ML**, Navab-Daneshmand T. (2019) Association between heavy metals and antibiotic-resistant human pathogens in environmental reservoirs: a review. Frontiers of Environmental Science and Engineering, 13: 46. https://doi.org/10.1007/s11783-019-1129-0
23. Minick D, Paulik L, Smith B, Scott R, **Kile ML**, Rohlman D, Anderson K. (2019) A passive sampling model to predict PAHs in butter clams (Saxidomus giganteus), a traditional food source for Native American tribes of the Salish Sea Region. Marine Pollution Bulletin, 145:28-35.
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### B. Book and Book Chapters

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### C. Community Outreach Newsletters, Videos & Webinars

1. Irvin V, Kile M, Lucas C, Neilson L, Anderson L (2023) Nitrate in Your Drinking Water, OSU Extension, EM9400. https://extension.oregonstate.edu/catalog/pub/em-9400-nitrate-your-drinking-water

2. Irvin V, Kile M, Lucas C, Neilson L, Anderson L (2023) Arsenic in Your Drinking Water, OSU Extension, EM 9401. https://extension.oregonstate.edu/catalog/pub/em-9401-arsenic-your-drinking-water

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12. Fisher C, Rohlman D, Kile ML. (2014) "The Black Butte Mine". This video was created to support the U.S. EPA's Partners in Technical Assistant Program and introduces students to history of the Black Butte Mine, a superfund site located in Cottage Grove, OR. https://www.youtube.com/watch?v=JX_40CZ5fgk&feature=youtu.be

**D. Conference Proceedings (Published Abstract)**

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2. Kile ML, Hystad P, Irvin VI, Larkin A, Bruener N, MacDonald M, McClelland M. "The ASPIRE Center: Promoting children's environmental health research translation: Advancing Children's Environmental Health in Early Care and Education Settings: Initiatives and Impacts" APHA Annual Meeting, Minneapolis, MN., October 2024
3. Kile ML, Hystad P, Irvin VI, Larkin A, Bruener N, MacDonald M, McClelland M. "The ASPIRE Center: Promoting climate and health resiliency for parents and children."APHA Annual Meeting, Minneapolis, MN., October, 2024
4. Aghajari, M., McCrary C.V., Yang C.H., Jones S., Hystad, P. Kile M. Salimifard P. Comparative Analysis of Air Quality Monitoring during Wildfires with Low-Cost Sensors and Government Monitors: Case Study of a School in Ashland, Oregon. ASHRAE Winter Conference, Orlando, FL., 2025
5. Aghajari, M., McCrary C.V., Yang C.H., Jones S., Hystad, P. Kile M. Salimifard P. Comparative analysis of air quality monitoring during wildfire with low-cost sensors and government monitors: Case study of a school in Ashland, Oregon. ASHRAE Annual Conference, 2023.
6. Hudson-Hanley B, Smit E, Branscum A, Hystad P, MacDonald M, Kile ML. Prenatal/Early-Life Exposure to Polycyclic Aromatic Hydrocarbons (PAHs) and Adverse Neurodevelopment

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7. Foster S, Kile ML, Hystad P, Brook J. Organophosphate flame retardants in house dust and mental health outcomes among Canadian mothers: a nested prospective cohort study in CHILD. International Society for Environmental Epidemiology North American Chapter, Corvallis, OR. 2023
8. Merculief A, Lipscomb S, McClelland M, Gelfhoff J, Kile, ML. Disparities in PBDE and OPFR flame retardant exposure: Influences on early childhood executive function and community resilience-promoting factors. American Public Health Association, Atlanta, GA. 2023.
9. Willis M, Hill EL, Kile ML, Carozza S, Hystad P. Assessing the effectiveness of vehicle emission regulations on improving perinatal health: A population-based accountability study. Society for Epidemiology, 2020.
10. Ahmed S., Odden M, Welch B, Afroz SJ, Hasan OS, Rahman, M, Mostofa G, Quamruzzaman Q, Mahmudar R, Christian DC, Kile ML. Population-level effects of household income and material education interventions on acute respiratory disease in children under 5 in Bangladesh. Society for Epidemiology, 2020.
11. Harrison S, Rohlman D, Kile ML. A mixed methods approach to measure cultural competency in Oregon State University research scientists working with a Pacific Northwest Tribe. American Public Health Association, 2020.
12. Welch B, Ahmed S, Branscum A, Megowan M, Golam M, Afroz S, Sharif O, Rahman M, Quamruzzaman Q, Christiani DC, Kile ML. In utero arsenic exposure modulates children's immune function. International Society for Environmental Epidemiology Virtual Conference, 2020.
13. Willis MD, Kile ML, Carozza S, Hystad P. Association between exposure to oil and gas extraction and pregnancy-related hypertension: A difference-in-difference analysis. International Society for Environmental Epidemiology Virtual Conference, 2020.
14. Willis MD, Kile ML, Carozza S, Hystad P. Congenital anomalies associated with oil and gas drilling, resource extraction, and water production: A population-based retrospective cohort analysis. International Society for Environmental Epidemiology Virtual Conference, 2020.
15. Fernandez L, Gamboa R, Vilchez P, Muro C, Garcia H, Lambert W, Weinhouse C, Kile ML, Rothenberg S, O'Neal, S. Preliminary data on total mercury in hair samples in Northern Peru. American Society of Tropical Medicine & Hygiene, Maryland, USA. 2019.
16. Foster S, Pennino M, Compton J, Leibowitz S, Kile ML. Arsenic drinking water violations decreased across the United States following revision of the maximum contaminant level. Superfund Research Conference, Seattle, WA. 2019.
17. Bozak A, Cardenas A, Houseman EA, Christiani DC, Mostofa G, Quamruzzaman Q, Rahman M, Kile ML. Mediation of association between prenatal arsenic exposure and birth outcomes by DNA methylation of DNMT3A. International Society for Environmental Epidemiology, Ottawa, Canada, Aug 26-30, 2018.
18. Bozak A, Cardenas A, Houseman EA, Christiani DC, Mostofa G, Quamruzzaman Q, Rahman M, Kile ML. Effect of prenatal arsenic exposure on gestational age: Mediation by DNA methylation of miR124-3. International Society for Environmental Epidemiology, Ottawa, Canada, Aug 26-30, 2018.

19. Welch B, Afroz S, Golam M, Sharif O, Halder R, Rahman M, Quamruzzaman Q, Megowan M, Ahmed S, Christiani DC, Kile ML. Association between serum antibody levels and drinking water arsenic exposure from a prospective birth cohort in rural Bangladesh. International Society for Environmental Epidemiology, Ottawa, Canada, Aug 26-30, 2018.
20. Ahmed SM, Rahman M, Golam M, Rahman M, Quazruzzaman Q, Levy K, Christiani DC, Kile ML. "Gestational Arsenic Exposure, Fetal Loss, and Neonatal Death" Society for Epidemiological Research, Baltimore, MD, April 19-22, 2018
21. Ahmed SM, Rahman M, Golam M, Rahman M, Quazruzzaman Q, Levy K, Christiani DC, Kile ML. "Gestational Arsenic Exposure and Fetal Loss and Neonatal Death" International Society for Environmental Epidemiology, Sydney, Australia Sept 24-28, 2017
22. Welch B, Golam M, Quamruzzaman Q, Rahman M, Christiani DC, Kile ML. "Changes in drinking water arsenic concentrations among a Bangladeshi prospective birth cohort." Southeast Asia Regional Conference on Groundwater Arsenic, Hanoi, Vietnam, Nov 2-3, 2017.
23. Asaduzzaman, M., Roy, S., Amin, B.,Hore, S.K.,Mahmud, Z.H., Daneshmand, T.N., Mattioli, M.C., Kile, M.L., Levy, K., Julian, T.R., Islam, M.A.(2018) Role of chronic arsenic exposure in intestinal colonization of multidrug resistant bacteria in humans–Linking the water insecurity in the genomic evolution of antimicrobial resistance in Bangladesh. International One Health Congress, Saskatoon, Canada
24. Kile ML and Sen B (2017) Emerging Environmental Health Issues in Southeast Asia Symposium. International Society for Environmental Epidemiology, Sydney, Australia.
25. Lin PI, Bromage S, Mostofa G, Allen J, Oken E, Kile ML, Christiani DC. (2017) Association between dietary intakes and toenail arsenic levels among pregnant women in a prospective birth cohort in Bangladesh. American Public Health Association, Atlanta, GA.
26. Irvin VL, Rohlman D, Vaughn A, Amantia R, Kile ML (2017) Development and validation of an environmental health literacy tool. 38th Annual Meeting of the Society of Behavioral Medicine, San Diego, CA.
27. Kile ML, Chetock T, Cude C, Dubuisson N, Emminger B, Lucas C, Irvin V. (2016) Reducing exposure to environmental hazards by promoting domestic well water safety. American Public Health Association, Denver, CO.
28. Kile ML, Anderson K. (2016) The wristband sampler saga. International Society for Exposure Science, Ultrech, NL.
29. Kile ML, Lipscomb S, MacDonald M, McClelland M, Scott R, O'Connell SG, Anderson K. (2016) Assessing preschool children's exposure to flame retardants, using silicone wristbands, and links with teacher-rated social behaviors. International Society for Exposure Science, Ultrech, NL.
30. Kile ML, Cardenas A, Houseman, EA, Smit E, Christiani DC (2016) Associations between arsenic exposure and systemic immune responses in children and adults in the U.S. and Bangladesh. International Society for Environmental Epidemiology, Rome, Italy.
31. Kile ML, Cardenas A, Rodrigues E, Mazumdar M, Dobson C, Golam M, Quamruzzaman Q, Rahman M, Christiani DC (2015). Applying structural equation models to estimate the effect of prenatal arsenic exposure on birth weight. International Society for Environmental Epidemiology, São Paulo, Brazil. ‡

32. Cardenas A, Koestler DC, Houseman EA, Jackson BP, Kile ML, Karagas MR, Marsit CJ. (2015). Influence of prenatal mercury and arsenic exposure in utero on DNA methylation in umbilical cord blood. International Society for Environmental Epidemiology, São Paulo, Brazil.

33. Cardenas A, Houseman EA, Baccarelli A, Quamruzzaman Q, Rahman M, Mostofa G, Christiani DC, Kile ML (2015). In utero exposure to cookstove emissions: Epigenome-Wide Associations and Immunological Changes in Cord Blood. International Society for Environmental Epidemiology, São Paulo, Brazil.

34. Tepfer A, Lipscomb S, Kile ML, McClelland M, MacDonald M. (2015). Motor skills and early academic achievement. Research quarterly in exercise and sport. 86(Suppl 2). A103- A104.

35. Kile ML (2014) Health Effects and Mitigation of Arsenic: Current Research Efforts and Future Directions Workshop and Webinar Discussion Series. National Institutes of Environmental Health Science, Research Park, NC.

36. Cardenas A, Smit E, Houseman EA, Kerkvliet NI, Kile ML. (2014) Arsenic Exposure and Seroprevalence of the Varicella-Zoster Virus IgG antibody in the US population. International Society of Environmental Epidemiology, Seattle, WA. Environmental Health Perspectives, Abstract Number: 1950

37. Cardenas A, Smit E, Bethel JW, Houseman EA, Kile ML. (2014) Arsenic Exposure and the Seroprevalence of Hepatitis A and B in the US Population. International Society of Environmental Epidemiology, Seattle, WA. Environmental Health Perspectives, Abstract Number: 1748

38. Seow WJ, Pan WC, Kile ML, Baccarelli A, Quamruzzaman Q, Rahman M, Mostofa G, Su L, Lin X, Christiani DC (2013) "Genetic Variants in One-carbon Metabolism and DNA Repair Genes Modify the Association between Arsenic and Skin Lesions in Bangladesh" International Society of Environmental Epidemiology, Basel, Switzerland. Environmental Health Perspectives, http://ehp.niehs.nih.gov/ehbasel13/o-3-38-03/

39. Dobson C, Kile ML, Rodrigues E, Afroz S, Quamruzzaman Q, Mostofa G, Rahman M, Mahiuddin G, Christiani DC. (2013) "Cadmium biomarker levels in maternal-infant pairs in Bangladesh," International Society of Environmental Epidemiology, Basel, Switzerland. Environmental Health Perspectives, http://ehp.niehs.nih.gov/ehbasel13/p-1-18-08/ .

40. Kile ML, Houseman EA, Baccarelli A, Quamruzzaman Q, Rahman M, Wright RO, Christiani, DC, (2012). "Influence of maternal arsenic exposure on DNA methylation of KEGG pathways in fetal tissues," International Society for Environmental Epidemiology, Columbia, South Carolina. Epidemiology, 23(5S).

41. Pan WC, Seow WJ, Kile ML, Quamruzzaman Q, Mahiuddin G, Mostofa G, Lu Q, Christiani DC (2012). "Synergistic effects of ingested arsenic and cigarette smoking on risk of type 2 diabetes," Columbia, South Carolina. (August 2012). International Society for Environmental Epidemiology, Columbia, South Carolina. Epidemiology, 23(5S).

42. Kile ML, Baccarelli A, Hoffman E, Tarantini L, Quamruzzaman Q, Rahman M, Mahiuddin G, Wright RO, Christiani, DC. (2011) In utero exposures to arsenic is associated with altered DNA methylation in umbilical cord blood leukocytes. International Society of Environmental Epidemiology, Barcelona, Spain. Environmental Health Perspectives

43. Rodrigues E, Kile ML, Hoffman E, Quamruzzaman Q, Rahman M, Mahiuddin G, Huseh YM, Christiani DC.(2011) “GSTO and AS3MT gene polymorphisms and differences in urinary

arsenic concentrations among residents in Bangladesh". International Society of Environmental Epidemiology, Barcelona, Spain. Environmental Health Perspectives

44. Kile ML, Quamruzzaman Q, Rahman M, Mahiuddin G, Christiani DC. Preliminary results from a study of prenatal arsenic exposure and reproductive health outcomes in Bangladesh. 9th International Conference on Arsenic. Dhaka, Bangladesh. 2011.
45. Kile ML, Baccarelli A, Hoffman E, Rodrigues E, Christiani DC (2010) The dose-response relationship between urinary arsenic metabolites and skin lesions using a pathway approach. International Society for Environmental Epidemiology, South Carolina, 2010.
46. Kile ML, Wright RO, Amarasiriwardena C, Quamruzzaman Q, Rahman M, Mahiuddin G, Christiani DC. (2009) Maternal and umbilical cord blood levels of arsenic, cadmium, manganese, and lead in rural Bangladesh. International Society for Environmental Epidemiology, Dublin, Ireland. Epidemiology 20(6): S149-S150.
47. Kile ML, Quamruzzaman Q, Rahman M, Mahiuddin G, Christiani DC. Chronic Arsenic Toxicity and Metabolism: Increased risk of skin lesions? 8th International Conference on Arsenic. Dhaka, Bangladesh. 2009.
48. Kile ML, Baccarelli A, Hoffman E, Wright RO, Christiani DC. (2008) Arsenic exposure and global DNA methylation. Epidemiology 19(6): S304-S305.
49. Kile ML, Hoffman E, Quamruzzaman Q, Rahman M, Mahiuddin G, Hseuh YM, Christiani DC. (2008) Arsenic methylation is associated with skin lesions. Epidemiology 19(6):S208-S208.
50. Kile ML (2007) Biomarkers of prenatal exposure to arsenic. Epidemiology 18(5):S47.
51. Kile ML, Houseman EA, Smith TJ, Harrington JJ, Quamruzzaman Q, Rahman M, Mahiuddin G, Christiani DC. Dietary Arsenic Exposure for Female Heads of Households in Bangladesh. (2006) Epidemiology 17(6):S137-S138.
52. Kile ML, Houseman EA, Smith TJ, Harrington JJ, Quamruzzaman Q, Rahman M, Mahiuddin G, Christiani DC. The Relationship Between Urinary Arsenic Metabolites, Drinking Water, And Genetic Polymorphisms In Glutathione S-transferase M1 And T1. (2006) Epidemiology 17(6):S149-150.
53. Kile ML, Houseman EA, Quamruzzaman Q, Rahman M, Mahiuddin G, Christiani DC. Longitudinal Analysis of Toenail Arsenic Concentrations in an Exposed Population. 1st Central and Eastern European Environmental Health Conference, Prague, 2004.
54. Kile ML, Jay J, Lachmayr K, Patel A, Paulauskis J, Ford T. Prevalence of arsA, arsB, and arsC in arsenic-resistant New Bedford Harbor bacteria: implications for biomarker development. ASM Conference Proceedings. 2001.
55. Jay J, Kile ML, Paulauskis J, Lachmayr K, Ford T. Presence of arsC in arsenic resistant bacteria from New Bedford Harbor, MA. ASM Conference Proceedings, 2000.

### E. Scientific Meetings (abstracts not published)

1. Kile ML. NIEHS Collaborative Centers for Children's Environmental Health Translation: Building community trust, Translation of complex science, and Integration of technology to expedite science to practice. President's Task Force on Environmental Risks and Safety Risks to Children, March 21, 2024 (Washington DC/Virtual)

2. Kile ML. Pediatric Environmental Health Issues in Oregon. Samaritan Health Services Grand Rounds (CME credits), Corvallis, OR, Feb 16, 2024.
3. Kile ML and McClelland M. The ASP3IRE Center: Accelerating Children's Environmental Health Research Translation in Oregon. NYU Langone Catalyst Seminar, June 5, 2023
4. Kile ML and Irvin V. The ASP3IRE Center. Children's Environmental Health Research Translation Center Network, May 14, 2023
5. Kile ML and Lipscomb S. The Interplay Study: Examining the effect of flame retardant exposure and the home environment on children's neurocognitive development. NIEH PEPH Webinar, Jan 30, 2023.
6. Kile ML, McClelland M, MacDonald M, Hystad P, Larkin A, Irvin V. The ASPIRE Center: Advancing children's environmental health research translation. Cascadia, Blaine, WA. 2023
7. Kile, ML, Irvin V, Myers A, Lucas C. The Discovery-Delivery Gap: Integrating biomedical research and Extension Programs to accelerate discovery and improve practice. Extension Annual Conference, Corvallis. 2022
8. Andrews F, Welch B, Smit E, Kile ML. Urinary polycyclic aromatic hydrocarbons concentrations and prevalence of Hepatitis B viral antibody serology in the United States (NHAHES, 2003-2014). Superfund Annual Research Conference, Sacramento, CA 2018.
9. Welch B, Branscum A, Ahmed SM, Hystad P, Smit E, Afroz s, Megowan M, Golam M, Sharif O, Rahman M, Quamruzzaman Q, Christiani DC, Kile ML. Arsenic exposure and serum antibody concentrations in children at age 5. Superfund Annual Research Conference, Sacramento, CA 2018.
10. Harper S, Rohlman D, Kile ML, Simonich S, Anderson KA, Waters K, Tanguay R. Interactive Research Translation and Collaborative Network Development: How Can OSU SRP Assist You? Superfund Annual Research Conference, Sacramento, CA 2018.
11. Bozack AK, Cardenas A, Christiani DC, Kile ML. Addressing multicollinearity in epidemiological studies: Characterizing multiple environmental exposures and assessing mediation by DNA methylation. Superfund Annual Research Conference, Sacramento, CA 2018.
12. Kile ML, Rohlman D, Donatuto J, Campbell L, Heidt M, Anderson K. Increasing knowledge of PAH exposure experienced by Tribal Members. Annual Superfund Research Conference, Philadelphia, Dec 6-7, 2017
13. Asaduzzaman M, Roy, S, Amin B, Hore SK, Mahumud ZH, Navad-Daneshmand T, Mattioli MC, Kile M, Levy K, Julian TR. "Intestinal colonization of antibiotic resistant bacteria in humans with chronic exposure to arsenic" Asian Conference on Diarrhoeal Disease and Nutrition (ASCODD). Kochi, India Oct 30-Nov 1, 2017.
14. Lipscomb S, McClelland M, McDonald M, Cardenas A, Anderson K, Kile ML. Social behaviors in preschool children and exposure to flame retardants, Children's Environmental Health Network Annual Conference, April 5-6, 2017, Arlington, VA.
15. Irvin V, Rohlman D, Amantia R, Vaughn A, Kile ML. Development and validation of an environmental health literacy assessment tool, Society of Behavioral Medicine Annual Conference, Mar 31-Apr 1, 2017, San Diego, CA.
16. Rohlman D, Donatuto J, Campbell L, Simonich SLM, Anderson KA, Frey G, Dixon H, Kramer A, Davie-Martin C, Harding A, Kile ML. "A Tribal-University Partnership to Evaluate Environmental Health." Native Health Conference, June 5-8, 2016

17. Rohlman D, Frey G, Kile ML, Harper B, Harris S, Harding A, Santiago-Delgado L, Motorykin O, Simonish SLM. Reporting dietary exposures and metabolism of PAHs from a tribally important food. Superfund Research Center Annual Conference. Puerto Rico, Nov 2015.
18. Santiago-Delgado L, Motorykin O, Rohlman D, Schrlau JE, Harper B, Harris S, Harding A, Kile ML, Simonich SLM. Metabolism and excretion rates of parent and hydroxy-PAHs in urine collected after consumption of traditionally smoked salmon for Native American Volunteers. Superfund Research Center Annual Conference. Puerto Rico, Nov 2015.
19. Frey G, Rohlman D, Kile ML, Harper B, Harris S, Harding AK. Reporting dietary exposures and metabolism of PAHs from traditionally smoked salmon. Oregon Public Health Association, Corvallis OR, October 12-13, 2015.
20. Santiago-Delgado L, Motorykin O, Rohlman D, Schrlau JE, Harper B, Harris S, Harding A, Kile ML, Simonich SLM. Metabolism and excretion rates of parent and hydroxyl-PAHs in urine collected after consumption of traditionally smoked salmon for Native American volunteers. 28th International Symposium on Polymer Analysis and Characterization, Houston, Texas, June 8-10, 2015.
21. Huntsinger T, Lucas C, Kile ML, Emminger B, Eldridge A, Chetock T. Contaminated Well Water: A Hidden Public Health Threat. NW Environmental Health Conference, April 17, 2015.
22. Rohlman D, Kincl L, Kile ML, Frey G, Harding A, Anderson K. Reporting community-based participatory research to communities. NW Environmental Health Conference, April 17, 2015.
23. Dreyfus M, Hirsch NR, Rohlman D, Conley A, Lynch K, Muza R, Briggs L, Fisher C, Kile ML, Stone D. EPA's Pilot Partners in Technical Assistance Program (PTAP), Collaboration to Meet Community Technical Assistance Needs: The Black Butte Mine Superfund Site Project. NIEHS Superfund Annual Meeting. San Jose, CA, November 12-14, 2014.
24. Cardenas A, Houseman EA, Baccarelli A, Williams D, Quamruzzaman Q, Rahman M, Mostofa G, Christiani DC, Kile ML. In Utero exposure to cookstove emissions: Epigenome-wide associations and immunological changes in cord blood. NIEHS Superfund Annual Meeting. San Jose, CA, November 12-14, 2014
25. Tepfer, A., Anderson, K., Kile, M., Lipscomb, S., McClelland, M. & MacDonald, M. National Federation of Adapted Physical Activity, "Motor skill proficiency and school readiness in at-risk preschool children", National Federation of Adapted Physical Activity, Ann Arbor, MI., October 2014.
26. Dobson C, Coull B, Hauser R, Kile ML, Rodrigues E, Golam M, Rahman M, Quamruzzaman Q, Christiani DC. Cord blood cadmium and fetal growth indices in a Bangladesh birth cohort. Prenatal/Perinatal Toxicology (PPTOX), Boston, 2014.
27. Dobson C, Kile ML, Rodrigues E, Su L, Golam M, Rahman M, Quamruzzaman Q, Coull B, Hauser R, Christiani DC. Associations of cord blood cadmium with placental gene expression and fetal growth indices in a Bangladesh birth cohort. Prenatal/Perinatal Toxicology (PPTOX), Boston, 2014.
28. Kile ML, Cardenas A, Rodrigues E, Mazumdar M, Dobson C, Golam M, Quamruzzaman Q, Rahman M, Christiani DC. Using structural equation models to examine the association between prenatal arsenic exposure, maternal health, and birth weight. Prenatal/Perinatal Toxicology (PPTOX), Boston, 2014.

29. Cardenas A, Houseman EA, Baccarelli A, Christiani DC, Wright RO, Quamruzzaman Q, Rahman M, Golam M, Kile ML. In Utero Arsenic Exposure and Epigenome-Wide Association in Placenta, Artery and HUVEC, Prenatal/Perinatal Toxicology (PPTOX), Boston, 2014.

30. Dobson C, Coull B, Hauser R, Kile ML, Rodrigues E, Mostafa G, Rahman M, Quamruzzaman Q, Christiani DC. Cord blood cadmium and fetal growth indices in a Bangladesh birth cohort, Prenatal/Perinatal Toxicology (PPTOX), Boston, 2014.

31. Dobson C, Kile ML, Rodrigues E, Su L, Mostafa G, Rahman M, Quamruzzaman Q, Coull B, Hauser R, Christiani DC. Associations of cord blood cadmium with placental gene expression and fetal growth indices in a Bangladesh birth cohort, Prenatal/Perinatal Toxicology (PPTOX), Boston, 2014.

32. Rohlman D, Hirsch N, Lynch K, Conley A, Dreyfuss M, Briggs L, Muza R, Fischer C, Kile ML, Stone D. Mercury, The Community, and Me: Increasing environmental health literacy in school-aged children using a community history of mercury mining. PEPH Annual Meeting, National Institute of Environmental Health Science, Research Triangle Park, NC. Sept 22-24, 2014.

33. Dong X, Greer R, Peremyslova K, Lemaitre J, Houseman A, Kerkvliet N, Shulzhenko N, Kile ML, Morgun A.. Early life arsenic exposure from drinking water leads to change of microbiota and immune function in children in Bangladesh. Oregon Health Science University Research Week. Portland, OR. May 4, 2014.

34. Rohlman, D., Harper, B., Harding, A., Harris, S., Kile, ML, Anderson, K., Simonich, S. Evolution of a robust tribal-university research partnership to investigate tribal exposures and build scientific capacity. Oral presentation at the Contemporary Northwest Tribal Health Conference, Portland, OR. April 10, 2014

35. Przybyla J, Kile M, McDonald M, McClelland M, Lipscomb S, Anderson K. Detection of 41 Flame Retardants in a Pacific Northwest Sample of Preschool Aged Children. 6th Annual Northwest Environmental Health Conference, Portland, OR. April 6, 2014

36. Rohlman D., Harper B., Harding A., Harris S., Kile ML., Anderson K., Simonich S. Evolution of a robust tribal-university research partnership to investigate tribal exposures and build scientific capacity. Oral presentation at the 6th Annual Northwest Environmental Health Conference, Portland, OR. April 6, 2014

37. Rohlman D, Kincl LD, Kile M, Anderson KA. Community-based EHSC Pilot Projects: Utilizing interdisciplinary approaches and community involvement to address environmental health concerns. Environmental Molecular Toxicology Research Day, Corvallis OR, 2014.

38. Kile M, Rodrigues E, Dobson C, Diao N, Mostofa G, Quamruzzaman Q, Rahman M, Christiani DC. A prospective cohort study of the association between drinking water arsenic exposure and self-reported maternal health symptoms during pregnancy. NIEHS/EPA, Superfund Annual Research Conference, Baton Rouge, LA. 2013.

39. Harding A, Uesugi S, Harper B, Harris S, Schure M, Kile ML, Goins TR. Perceptions of Environment and Health Among Community Members of the Confederated Tribes of the Umatilla Indian Reservation. The American Public Health Association, Boston MA. 2013

40. Cardenas A, Harding A, Kile M, Harper B, Harris S, Motorykin O, Stone D. Improving Community Health: A Tribal Partnership to Address PAH Exposure From Traditional

Smoking Practices. International Symposium on Polycyclic Aromatic Compounds, Corvallis OR. 2013.

41. Tepfer, A., Anderson, K., Kile, M., Lipscomb, S., McClelland, M., MacDonald, M. National Consortium for Physical Education for Individuals with Disabilities, "Motor skill performance & school readiness," Washington, DC. , July 2013.
42. Coker ES, Arkin LC, Guzman A, Kincl LD, Kile ML, Molitor JT. Using public school enrollment records for examining asthma in school children in Eugene, Oregon. NIEHS Environmental Health Disparities & Environmental Justice Meeting, Research Triangle Park, NC. 2013
43. Coker ES, Kile ML, Harding A, Sudakin D, Smit E. Heating with a Gas Stove or Ventilation are Associated with Lower Respiratory Tract Infection in Young Children. 4th Annual Northwest Environmental Health Conference, Portland OR. March 15, 2013
44. Uesugi S, Harding A, Harper B, Harris S, Schure M, Kile M, Goins T. Environment and health connections: Perspectives from community members of the Confederated Tribes of the Umatilla Indian Reservation. Superfund Research Program Annual Meeting, Raleigh, North Carolina. October 2012.
45. Kile M, Houseman E.A., Christiani DC. Prenatal Programming and Toxicology/Environmental Stressors in the Developmental Origins of Disease: Evidence and Mechanisms, "Prenatal arsenic exposure and altered DNA methylation in fetal tissues," Society for Toxicology, Paris, France. 2012.
46. Kile M, Quamruzzaman Q, Rahman M, Mahiuddin G, Christiani DC. Preliminary results from a study of prenatal arsenic exposure and reproductive health outcomes in Bangladesh. Dhaka: 9th International Conference on Arsenic. 2011.
47. Kile M Arsenic as an epigenetic toxicant: low level arsenic exposure is associated with DNA hypermethylation, Oregon Public Health Association, Corvallis, OR. 2011.
48. Kile M. In utero exposure to arsenic is associated with altered DNA methylation in umbilical cord leukocytes, International Society for Environmental Epidemiology, Barcelona, Spain. 2011.
49. Kile M, Rodriguez E., Christiani DC GSTO and AS3MT gene polymorphisms and differences in urinary arsenic concentrations among residents in Bangladesh, International Society for Environmental Epidemiology, Barcelona, Spain. 2011.
50. Kile, M, Houseman, E., Quamruzzaman, Q., Rahman, M., Mahiuddin, G., Christiani, D. C. Longitudinal Analysis of Toenail Arsenic Concentrations in an Exposed Population. 1st Central and Eastern European Environmental Health Conference, 2004.

## F. Invited Lectures

1. Kile ML., American Pediatric Association Western Region, Extreme Health to Fire: Disparate Effects Through the Arc of Human Health. May 9-10, 2025. (Virtual/Webinar)
2. National Institute of Environmental Health Science, Environmental Health Chat Podcast, November 2024
3. Samaritan Health Services Grand Rounds, Pediatric Environmental Health Issues in Oregon, February 16, 2024.

4. Collaborative on Health and the Environment Webinar. Improving Health Outcomes at the Community Level: Chemical Risk Assessment Methods in Light of Lessons Learned with COVID-19. (co-presented Kile ML and Harrison S), Dec 8, 2020.
5. National Institute of Environmental Health Science (NIEHS) Keystone Lecture and Webinar "Prenatal arsenic exposure and children's health to age 5: A prospective birth cohort study in Bangladesh", NIEHS, North Carolina, May 28, 2019.
6. National Academy of Science, Engineering, and Medicine. "Metal Exposure and Infectious Disease" in Towards Understanding the Interplay of Environmental Stressors, Infectious Disease, and Human Health Workshop and webcast, Washington DC, Jan 15-16, 2019.
7. US EPA National Social and Environmental Science Exchange (SESE) "Community Partnership, Engagement, and Cultural Competency with Tribal Nations", July 26, 2017 (webinar- 104 attendees)
8. Alaska Collaborative on Health & the Environment Alaska Community Action on Toxics, "Exposure to Flame Retardant Chemicals and Social Behavioral Outcomes in Early Childhood", April 25, 2017. (webinar – 66 attendees)
9. Salish Kootenai Tribal College, "How do we know arsenic in drinking water affects our health? The role of an environmental epidemiologist" Pablo, Mt. Dec 2, 2016.
10. Pediatric Environmental Health Specialty Unit Grand Rounds Webinar, "Old Poison, New Findings: Arsenic's effect on maternal and child health. June, 29 2016.
11. University of Washington Seattle, "Examining the health effects of in utero and early life exposure to arsenic," Environmental Health Seminar Series, Seattle, October 8, 2015.
12. Corvallis Science Pub "Old Poison, New Findings: A Public Health Perspective on Arsenic in Drinking Water" Old World Deli, Corvallis, OR. June 8, 2015.
13. Center for Global Health "Environmental Health Thematic Group" Oregon State University, Feb 14, 2015.
14. 12th Annual Western Regional International Health Conference, "Environmental Determinants of Health." Eugene, OR. April 10-12, 2015.
15. Children's Environmental Health Network "Children: Food and Environment", February 4-6, 2015. Austin, Texas.
16. National Institute of Environmental Health Sciences - Health effects and mitigation of arsenic: Susceptibility to Arsenic Effects. Invited Panelist, Webinar. May 7, 2014.
17. Biomedical Sciences, College of Veterinary Medicine, "Environmental Exposure to Arsenic and Diabetes" OSU, Corvallis, OR. March 15, 2014
18. Nutrition Seminar, College of Public Health and Human Sciences, "Environmental Exposure to Arsenic and Diabetes" OSU, Corvallis, OR. March 4, 2014
19. Children's Environmental Health Research Matters Conference, "Arsenic Exposure during Pregnancy and Children's Health," University of Washington, Seattle. March 5, 2014
20. National Institute of Environmental Health Sciences - Health effects and mitigation of arsenic: current research efforts and future directions. Invited Panelist, "Effects of Prenatal Arsenic Exposure on DNA Methylation," Research Triangle Park. March 3, 2014.

21. OSU College of Public Health and Human Sciences "Fostering Interdisciplinary Research: Influence of arsenic on intestinal microbiota and immune function," Corvallis, OR. February 14, 2014.
22. Institute for Quantitative Biomedical Sciences “Prenatal arsenic exposure and DNA methylation.” Dartmouth University, December 4, 2013
23. Interdisciplinary Center on Epigenetics, Science and Society. “Arsenic and DNA methylation” Oregon Health Sciences University, Portland, OR. October 2013
24. Environmental and Molecular Toxicology Seminar, “Environmental Exposure to Arsenic and Type 2 Diabetes” OSU, Corvallis, OR. April 23, 2013
25. Environmental Health Science Core Center Annual Meeting “Emerging Issues in Global Environmental Health” University of Washington, Seattle. April 19, 2013
26. Harney County Public Health Department, "Domestic Well Water And Your Health” Arsenic Awareness Program, Burns, OR. September 27, 2012.
27. Preventative Medicine Grand Rounds, "Arsenic and Public Health," Oregon Health Sciences University, Portland, OR. August 23, 2012.
28. Nutritional Program Seminar “Interactions between environmental pollutants and nutritional status on public health.” OSU, Corvallis, OR. April 2012
29. Developmental Origins of Health and Disease Research Group, "Prenatal arsenic exposure and DNA methylation in four fetal tissues," Oregon Health Sciences University, Portland, OR. April 2012.
30. Harney County Public Health Department, "Domestic Well Water And Your Health” Arsenic Awareness Program, Burns, OR. March 21, 2012.
31. Environmental and Molecular Toxicology Research Day, "Examining the health effects of in utero and early life exposure to chemicals," OSU, Corvallis, OR. January 11, 2013.
32. 5th Annual NW Environmental Health, "Prenatal Arsenic Exposure and DNA Methylation in Fetal Tissues," Oregon Environmental Council, Portland, OR. March 5, 2013.
33. 28th Annual Oregon Epidemiologists Conference, Plenary Talk "Arsenic in drinking water in Bangladesh," Oregon Health Authority, Bend, OR. May 12, 2012.
34. International Health Club, “From cholera to cancer: case study in water, health and sanitation. Oregon State University, November 2011.
35. College of Public Health and Human Sciences, "Community-based study of prenatal arsenic exposure in Bangladesh." Corvallis, OR. February 2011.
36. Academic Pediatric Association, "Arsenic exposure and DNA methylation in a prospective birth cohort," Washington, DC. January 2010.
37. Boston University School of Public Health, "Community-based research of arsenic related health effects in Bangladesh." November 2010.
38. Kile, M., Norwich University, "Why me? Factors that influence susceptibility to arsenic exposure," VT. October 2009.
39. Kile, M. Massachusetts General Hospital Institute of Health Professionals. “Arsenic and human health.” December 2008

40. Massachusetts Institute of Technology, "Arsenic in Bangladesh: A Public Health Perspective," MA. March 2006.

## VIII. SERVICE

### *A. University and College Service Roles*

- Laurels Block Grant Review Committee
  Member, 2025 -
- OSU Faculty Grievance Committee
  Member, July 13, 2023 - June 30, 2026
- Public Health Doctoral Program Director and Doctoral Faculty Committee Chair
  2024-2025
- OSU College of AgSci, Environmental Molecular Toxicology Department Chair Search
  Search Advocate, Sept 2024 – July 2025
- College of Health, School of Nutrition and Public Health Head Search Committee
  Chair, 2023
- OSU Vice President for University Relations and Marketing Search Committee
  Faculty Senate Administrative Appointment, 2023
- OSU Beaver Connect Mentor
  2022 - 2023
- OSU Baccalaureate Core Education Reform- Difference, Power, and Oppression Workgroup
  Developer, 2022 - 2023
- College of Health Faculty Promotion and Tenure Committee
  Member, 2021 - Present
- OSU Faculty Senate
  Elected Senator representing College of Health, 2018 and 2021 - 2023
- College of Health Associate Dean of Academic and Faculty Affairs Selection Committee
  Member, 2020
- OSU Dialogue Facilitation Lab
  Winter 2020
- College of Health, Public Health PhD Course Ad Hoc Committee
  Member, 2019 - 2020
- OSU SeaGrant Maloof Scholarship Review Committee
  2019
- College of Health Curriculum Committee
  Member, 2015-2015 and 2018-2019
- OSU University Internationalization Strategies Council
  Member, 2019 - Present
- OSU's Carnegie Community Engagement Re-Classification Committee
  Member, 2019

- OSU Clean and Sustainable Water Technology Initiative
  Workshop Panel, 2018
- OSU Research Office's Mass Spectrometry Core Lab Performance Review Committee
  Chair, 2018
- College of Health Grant Process and Service Improvement Initiative
  Faculty Advisor Group, 2015
- College of Engineering Humanitarian Engineering Lecture Series "Voices from the Field"
  Organizer, 2014
- College of Health MPH Integrated Curriculum Taskforce
  Member, 2013 - 2016
- College of Health Research Analyst 1 Search Committee
  Chair, 2014
- College of Health EOHS Program & Curriculum Development Strategic Retreat
  Co-Chair, 2014
- College of Health Environment & Occupational Health Faculty Search Committee
  Chair, 2011; 2012-2013; 2014 – 2015; 2016
- College of Health Environment & Occupational Health Program Coordinator
  2014 - 2018
- OSU Center for Biological Informatics and Genomics Cluster Hire
  Faculty Search Committee Member, 2014 - 2017
- OSU Linus Pauling Institute Translational Task Force
  Member, 2013 - 2014
- OSU Center for Genome Resources and Biocomputing Spring Colloquium
  Chair, 2012 - 2013
- OSU College of AgScience Environmental Molecular Toxicology Faculty Search Committee
  Member, 2012 - 2013
- OSU Institute for Water and Watersheds
  Member, 2012 - Present
- OSU Environmental Health Science Center
  Member, 2011 - Present
- Knudson Chair in Family Policy Search Committee
  Member, 2011 - 2012

### *B. Invited Expert Reviewer and Editor*

- **National Institute of Environmental Health Science Grant Ad Hoc Reviewer**

  NIH Social and Environmental Determinants of Health Study Section, Charter Member and Chair, 2023 - present

  Implementation Research on Noncommunicable Disease Risk Factors among Low- and Middle-Income Countries, 2023

  Human Health Exposure Analysis Resource, 2020

  Mechanism for Time-Sensitive Research Opportunities in Environmental Health Sciences, May 2020, June 2020

Community Influences on Health Behavior Study Section, 2018

NIH Summer Research Experience Program, 2018

Maintain and Enrich Resource Infrastructure for Existing Environmental Epidemiology Cohorts, 2017

Children's Environmental Health and Disease Prevention Research Centers, 2015, 2012

Mechanistic Insights from Birth Cohorts, 2014

Midcareer Investigator Award in Patient-Oriented Research, 2014

Mentored Patient-Oriented Research Career Development Award, 2014

Superfund Hazardous Substance Research and Training Program, 2013

Virtual Consortium for Translational/Transdisciplinary Environmental Research, 2013

F18 Fellowships: Epidemiology and Population Sciences, 2012

- **National Academy of Sciences, Engineering, and Medicine**

  Expert Panel Member, Veterans and Agent Orange, 11th Biennial Update, 2017-2018

- **Environmental Protection Agency's National Center for Environmental Assessment**

  Toxicological Review for Inorganic Arsenic (Synthesis of Skin Diseases), Integrated Risk Information System (IRIS), 2015

- **Ad Hoc Journal Peer Reviewer**

  Applied Geochemistry, Biomarkers, BMC Public Health Research, Cancer Epidemiology, Biomarkers & Prevention, Environmental and Molecular Mutagenesis, Environmental Health, Environmental Health Perspectives, Environmental Research, Epidemiology, International Journal of Environmental Research and Public Health, International Journal of Public Health, ISRN Biomarkers, Journal of the American Medical Association, Journal of Toxicology, PLOS ONE, Reproductive Toxicology, Science of the Total Environment

### *C. Professional Society Contributions*

- **International Society for Environmental Epidemiology** (2005 - Present)

  North American Chapter Annual Meeting Conference Planning Committee, 2022-2023

  Session Chair, Pecha Kucha Session, Virtual Conference, 2020

  Scientific Committee Track Chair for Metals, São Paulo, Brazil, 2015

  Scientific Committee Track Chair for Metals, Seattle, WA, 2014

  Symposia Chair, Prenatal Environment, Epigenetic Mechanisms, and the Developmental Origins of Health and Disease, Basel, Switzerland, 2013

  Symposia Chair, New Frontiers in Environmental Epigenetics - To Infinium and Beyond, Basel, Switzerland, 2013

- **Oregon Public Health Association** (2011 - Present)

  Symposia Chair, Environmental Exposures and Infectious Diseases, 2019

  Pre-conference Workshop, Health Literacy, 2017

  Symposia Chair, Environmental Epigenetics, 2011

- **International Society of Exposure Science** (2005 - Present)
  Member