

*Curriculum Vitae*

**KRISTEN MC MALECKI, PhD, MPH**

**EDUCATION**

- 2000 - 2005      Doctor of Philosophy (PhD) - (Environmental Epidemiology and Health Policy), Johns Hopkins Bloomberg School of Public Health Baltimore, MD
- 1999 - 2000      Master of Public Health (MPH)  
Johns Hopkins Bloomberg School of Public Health. Baltimore, MD
- 1992 - 1997      Bachelor of Arts (BA) - (Metropolitan Studies/Pre-Med)  
New York University. New York, NY

**EMPLOYMENT**

- 2022-Present      Professor, Division Director, Environmental and Occupational Health Sciences, School of Public Health, University of Illinois at Chicago
- 2021 - 2022      H.I. Romnes Faculty Associate Professor, Director Center for Urban Population Health, Department of Population Health Sciences, School of Medicine and Public Health University of Wisconsin-Madison; University of Wisconsin Madison; Advocate Aurora Research Institute
- 2019 – 2022      Associate Professor, Director, Director -Survey of the Health of Wisconsin Program, Department of Population Health Sciences, School of Medicine and Public Health University of Wisconsin-Madison
- 2013 - 2019      Assistant Professor, Department of Population Health Sciences, School of Medicine and Public Health, University of Wisconsin-Madison
- 2011 - 2012      Assistant Professor (CHS, Non-Tenure Track), Department of Population Health Sciences, School of Medicine and Public Health, University of Wisconsin-Madison
- 2009 - 2011      Assistant Scientist, Department of Population Health Sciences, University of Wisconsin-Madison; Associate Director Survey of the Health of Wisconsin (SHOW). Madison, Wisconsin
- 2006 - 2010      Researcher, Department of Population Health Sciences, University of Wisconsin-Madison

2006 - 2010	Epidemiologist, Bureau of Environmental and Occupational Health, Wisconsin Department of Health Services. Madison, Wisconsin
2004 - 2006	CSTE Applied Epidemiology Fellow, Bureau of Environmental and Occupational Health, Wisconsin Department of Health Services. Madison, Wisconsin
2003 - 2005	Environmental Health Tracking Fellow, Center of Excellence for Environmental Health Tracking, Johns Hopkins Bloomberg School of Public Health. Baltimore, Maryland
2001 - 2003	Project Director, Chesapeake Bay Health Indicators Project, Johns Hopkins Bloomberg School of Public Health. Baltimore, Maryland
1998 - 2001	Research Assistant, Department of Health Policy and Management, Johns Hopkins Bloomberg School of Public Health. Baltimore, Maryland

**FACULTY AFFILIATIONS AND CENTER MEMBERSHIP**

Visiting Professor, University of Wisconsin Department of Population Health Sciences  
 University of Wisconsin Molecular Environmental Toxicology Center  
 University of Wisconsin Carbone Cancer Center Member

**PROFESSIONAL SOCIETY MEMBERSHIPS**

2022	National Academies of Science, Engineering and Medicine - Committee
2022-	International Society for Exposure Science
2011 -	International Society for Environmental Epidemiology
2002 -	American Public Health Association (APHA)
2016 -	APHA- Environmental Justice Sub-Committee
2012 -	American College of Epidemiology
2011 -	Society of Epidemiologic Research
2009 - 2014	American Heart Association
2004 - 2006	Society for Risk Analysis
2001- 2012	Council for State and Territorial Epidemiologist

## HONORS AND AWARDS

1992	NYU University Scholars Program, New York University
1996	Alumni Athletic Scholars Award, New York University
1999	Dow Chemical Risk Sciences Fellowship, Johns Hopkins Bloomberg School of Public Health
2002	Risk Sciences and Public Policy Institute Certificate, Johns Hopkins Bloomberg School of Public Health
2005	Environmental Public Health Tracking Center of Excellence Fellowship Program (2001-2005), Johns Hopkins Bloomberg School of Public Health
2011	Health Equity Leadership Institute Scholar, NIH, Collaborative Center for Health Equity
2013	NIH/NIMHD Center of Excellence, Junior Faculty, University of Wisconsin, Madison School of Medicine and Public Health, Collaborative Center for Health Equity
2020	National Academies of Science, Engineering, and Medicine Standing Committee on the Use of Emerging Science for Environmental Health Decisions
2021	H.I. Romnes Faculty Fellowship, Office of Vice Chancellor for Research, Named Professorship Award, University of Wisconsin, Madison
2023	National Academies of Science, Engineering, and Medicine, Workshop Planning Committee Chair, East Palestine Train Derailment
2024	National Academies of Science, Engineering, and Medicine Committee on State-of-the-Science and the Future of Cumulative Impact Assessment

## GRANT SUPPORT

### Current Support

Center for Climate Health Equity (CECHE)

1 P20 ES036742-01(PI: Malecki)

09/2024 – 09/2027

1.8 Calendar Months, .5 Summer Month

NIMHD/NIEHS

\$3,930,562

The UIC Center for Climate Health Equity (CECHE) unites multi-disciplinary researchers including cutting edge climate scientists with epidemiologists, physicians, exposure and data scientists, community engagement scholars, urban planners and health policy experts to advance

cutting-edge climate health research. These interdisciplinary teams are critical in identifying innovative solutions to promote equity and address climate change threats in urban areas. CECHE's vision is to use team science and a cumulative impacts framework to advance innovative solutions-based research and policies to combat climate health inequity and fulfill its mission of responding to priorities of the most vulnerable environmental justice (EJ) communities in Chicago, the nation, and beyond. The center's initial research theme "nature-based solutions for mitigating adverse climate health impacts in Chicago and beyond" is in direct response to community partner priorities.

**Coordinating Center for New Cohorts for Environmental Exposures and Cancer Research (CEECR)**

U24CA265813(MPI: Trentham-Dietz, Malecki)

01/2022-12/2026

1.8 Calendar Months

NIH/NCI.

\$3,854,200

The overarching goal of the Coordinating Center at the University of Wisconsin Carbone Cancer Center is to support transdisciplinary scientific research in the Cohorts for Environmental Exposures and Cancer (CEECR) Program for increasing understanding of environmental exposures that influence cancer risk, and the genetic, behavioral, and structural factors that modify risk across diverse populations.

**Researching Epigenetics, Weathering, Aging and Residential Disadvantage (REWARD)**

R01AG061080 (MPI: Malecki/Engelman)

09/01/2018 - 8/31/2024 (NCE – May 2025)

3.60 Calendar Months

National Institute of Aging (NIA)

\$668,254/year

Investigating the role of individual and neighborhood social disadvantage on epigenetic measures of biological aging.

**Early Onset Cancer – Pilot Study (Malecki, Moline, Tussing-Humphries)**

University of Illinois Cancer Center TEAM Science Award

(In Kind)

10/01/2024-9/30/2025

\$100,000

Pilot testing protocol for new cancer cohort among Latino patients of UIC Mile Square network of Federally Qualified Health Centers and family/social networks. Testing biological sample protocols for multi-omic (microbiome, epigenetics) analyses of the exposome and microbiome.

**Major Past Awards (Selected)**

**Community-Driven Air Pollution and Environmental Justice Assessment**

60NANB23D206 US Department Of Commerce (PI: Erdal, CoI Malecki)

10/01/2023 - 08/16/2024

.36 AY .08 SM

(National Institute of Standards and Technology)

\$2,000,000/total

In this project, community organizations/leaders/residents, and scientific experts in academia, along with specialty companies that perform advanced air monitoring, will collectively design and implement a community-driven air monitoring effort to identify and uncover local air quality concerns and disparities in Chicago's environmental justice communities, and guide policy decisions at the local level for programs and initiatives on air quality management, health and

racial equity improvement, climate-resilient development, and renewable energy infrastructure establishment.

Blacks in Green (BIG) EPA Region 5 Environmental Justice Thriving Communities Technical Assistance Center UIC SubAward (PI: Erdal, Co I: Malecki)

6/01/2023 – 08/16/2024

.36 AY .08 SM

00E3451 United States Environmental Protection Agency

\$180,262/year

UIC School of Public Health and Division of Environmental and Occupational Health Sciences will serve as a leading organization in charge of the technical assistance domain of the proposed BIG TCTAC to support community-led climate and environmental justice activities to address environmental health across Region V. UIC will lend their technical and scientific expertise in environmental science and health, exposure science, health risk assessment, sustainability, environmental and climate health impact assessment and science-based policy development and evaluation to the stakeholders and community organizations supported by BIGs Region V TCTAC.

The Role of DNA Methylation in Dysregulated Monocyte Immune Responses During Malnutrition and Recovery.

R21AI156151(Nikodemova, Malecki)

7/01/2021-06/30/2024

1.2 Calendar Months

NIH/NIAID

\$427,625/year

Examining the role of epigenetic signaling specific to monocytes as a mechanism governing immune response in malnutrition and recovery.

Obesity, Toll-Like Receptors, and Human Sensitivity to the Environment

R21A142481 (Malecki)

12/01/2018 - 5/31/2022

0.0 Calendar Months (NCE)

National Institute of Allergies and Infectious Disease (NIAID)

\$426,125

Examining the role of immune response in obese and non-obese and the role of toll-like receptors as unique biological markers of response.

Survey of the Health of Wisconsin (SHOW)

07/1/2019 - 09/30/2022

1.2 Calendar Months

WPP2971 (Malecki)

\$1,400,000/year 1, 1,200,000 years 2 and 3

SHOW is a population-based research exam survey that includes over 6,000 adult and children in Wisconsin. The study provides infrastructure for collaborative, translational, and applied public health research throughout the state. The overall mission of the SHOW program (2019-2022) is to support ongoing population health monitoring and research to promote population health equity and well-being. In 2019, we aim to enhance diversity of the total SHOW population sample and complete focused under-represented population recruitment began in 2018. Efforts will then focus on retaining past participants from the existing statewide representative samples. We will continue to build on past successes and accelerate use of SHOW through cohort retention, data curation, population health sciences research, diverse partnerships and education.

Omics Integration for Studying Chronic Disease and Environmental Risk (OISCDER)

X01HG010110 (Malecki)

12/01/2017 - 11/30/2022

National Institute of Environmental Health Sciences (NIEHS), Center for Inherited Disease Research (CIDR) \$356,000

NIH Grant award supports genotyping of 650 samples using both the Multi-Ethnic Global Array and the Illumina EPIC Methylation Array.

Molecular and Environmental Toxicology Summer Research Opportunities Program (MET-SROP)

R25ES020720 (Bradfield, Malecki)

05/01/2017 - 04/30/2022

.24 Calendar Months

National Institute of Environmental Health Sciences (NIEHS) \$90,527/year

The 10-week summer research opportunities program for under-represented people of color offers first generation college students, low income, and disabled undergraduate students access to summer training in Molecular and Environmental Toxicology. I lead weekly seminars and host students in my lab during the summer.

Developmental Toxicity of Pesticide Synergists/Hedgehog Inhibitor Piperonyl butoxide (PBO)

R01 AAC8628 (Lipinski)

.60 Calendar Months

09/01/2017 - 8/31/2022

\$487,000/year

National Institute of Environmental Health Sciences (NIEHS)

Role: Collaborator

I serve as a collaborator and will lead environmental exposure assessment using biological samples to examine general population serum biomarker levels of Piperonyl butoxide (PBO), a synergistic agent added to pesticides.

Institutional Clinical AND Translational Science Award -CTR Core Hub, Special Populations UL1TR002373 (Drezner)

09/21/2017 - 06/30/2022

1.20 Calendar Months

NIH/NCATS

\$4,277,801

Institute for Clinical and Translational Research (ICTR) Core Hub Research Capacity, Integrating Special Populations, to enhance recruitment and increase cross-sectional and longitudinal clinical research across the lifespan, including underrepresented populations.

Coordinating Center for the Breast Cancer and the Environment Research Program

U01ES026127 (Trentham-Dietz)

09/30/2015 - 01/30/2022

1.2 Calendar Months

National Institute of Environmental Health Sciences (NIEHS) \$4,309,138

Role: Co-I

The overarching goal is to support trans-disciplinary scientific research to enhance our understanding of environmental and genetic factors underlying breast cancer risk throughout the lifespan, with particular focus on the influence of environmental exposures during specific time windows of susceptibility. I lead the community outreach and dissemination work group and provide leadership for environmental epidemiology and translational research.

Promoting Resilience in Children: Protocol Development for a Birth Cohort Study to Assess

Factors Impacting Neurodevelopment.

9/30/2019 - 3/31/2021

NIH, R34DA050270

\$348,750

This project aims to support recruitment of underserved populations into a birth cohort study. A primary aim of the study being planned is to better understand the role that Opioid and other drug abuse plays in adverse birth outcomes among high risk populations.

Survey of the Health of Wisconsin (SHOW)

03/01/2015 - 06/30/2019

WPP2971

Wisconsin Partnership Program/ Partnership Education and Research Committee

PI: Peppard

\$1,600,000/year

Role: Co-I

I am co-Director of the SHOW, a population-based research exam survey that includes over 6,000 adult and children in Wisconsin. The goal of this project is to continue to lead to improvements in the health Wisconsin residents by providing the means for new insights into the frequency of and risk factors for health outcomes. The study provides infrastructure for collaborative, translation and applied public health research throughout the state.

CREATE: Cumulative Risks, Early Development, and Emerging Academic Trajectories

UW 2020 (Malecki/Dilworth-Bart)

07/01/2017 - 6/30/2019 (extended to 6/30/2020)

\$247,000/for 2 years

I will lead in collaboration with colleagues in development psychology a pilot study to explore multiple cumulative home and school environmental risks, including personal air pollution monitoring of fine particulate matter (PM2.5) and noise and their relationship with early childhood readiness. We are pilot testing protocols for submission of an NIH application.

Residential Mobility and History in Rural Cancer Health Disparities

UWCCC Prevention and Control Pilot Program (Malecki)

04/01/2018 - 3/31/2019 (no cost extension granted)

\$25,000

This pilot study will explore utility of using extant electronic data to reconstruct residential histories for linking social and environmental health data to existing cohort data. Two datasets will be examined, the UW SHOW and the Wisconsin Women's Health case control study of breast cancer.

Breast Cancer Risk Screening and Prevention, Attitudes and Beliefs Among African Americans in Wisconsin.

UWCCC Prevention and Control Pilot Program (Malecki/O'Regan)

04/01/2017 - 3/31/2019 (no cost extension granted)

\$75,000

We are conducting focus groups across six counties in the state of Wisconsin to explore risk perception and barriers to breast cancer screening among African American women.

Gut Microbiome and Environmental Lead Exposure.

UW Department of Medicine Pilot Program (Malecki, Safdar)

03/01/2017 - 02/28/2018

\$50,000

This pilot funds supported analysis of urinary lead from the SHOW/WARRIOR project for use by Shoshannah Eggers dissertation, aimed at exploring how lead modified or mediates changes in gut microbial dysbiosis and risk and prevalence of Multi-Drug Resistant Organisms (MDROs).

Aryl Hydrocarbon Receptor (AhR) Response and Cancer Health Disparities

UWCCC American Cancer Society-IRG-Pilot (Malecki)

07/01/2017 - 06/30/2018

\$50,000/year

This pilot study is investigating the role of the AhR receptor pathway as a marker of cancer risk and health disparities in the population.

Wisconsin Obesity Prevention Initiative

WPP2858 (Cryns)

07/01/2014 - 06/30/2018

\$1,400,000/year

The major goal of this project is to utilize a multi-faceted approach to confront the Wisconsin's emerging obesity epidemic, including community-based research, and develop a childhood obesity surveillance system and messaging in order to help state residents understand how daily decisions affect their health. I lead development of indicators and providing data to understand the burden of obesity in Wisconsin using novel SHOW data.

Establishment of Population Based Microbiome Research Core in the Survey of the Health of Wisconsin

Microbiome Initiative, Office of the Chancellor and the Office of the Vice Chancellor for Research and Graduate Education

7/1/2017 - 6/30/2019

\$250,000/year

PI: Sethi

Role: Co-I

The Population-based Microbiome Research Core (PMRC) will expand a microbiome specimen bank and provide the UW research community expertise and resources to carry out microbiome research in the SHOW population. As lead environmental epidemiologist on the project, I am leading development of protocols for environmental sampling of soil, water and home dust samples

Great Lakes Restoration Initiative (GLRI) Sport Fish Consumption Research

9/15/2016 - 9/14/2018 (Contract)

144-AAC7376

EPA

\$289,863

PI: Malecki

I am leading, in partnership with the Wisconsin Department of Health Services, long-term health impacts of fish consumption in the Great Lakes.

Biomonitoring Legacy and Emerging Great Lakes Contaminants in Susceptible Great Lakes Population (Contract)

11/12/2016 - 6/30/2018

144-AAC4918

CDC

\$364,683



PI: Malecki

I am leading, in partnership with the Wisconsin Department of Health Services, a population-based study of Burmese anglers, in polluted waterways in Milwaukee, WI.

Gut-Brain Communication: How a Resident Microbe in the Brain Prevents Weight Gain in Animals Fed a High Fat Diet

6/1/2017 - 6/31/2018

AAC3573

Microbiome Initiative, Office of the Vice Chancellor for Research and Graduate Education

PI: Knoll

\$125,110/year

Role: Co-I

For this project I will oversee analysis of toxoplasmosis titers in the US general population using data from the National Health and Nutrition Exam Survey data. These analyses will help support identification of samples to analyze within the SHOW program to examine weight gain/loss by titer status.

Health Impacts of Exposure to Multi-pollutant Sources-Understanding Cumulative Impacts of Air Pollution

UW Graduate School

\$40,979

07/01/16 - 6/30/17

PI: Malecki, Schauer

Times Series analyses of hospital emergency department visits and source-apportioned air pollution in Milwaukee and Waukesha Counties.

Winning the War on Antibiotic Resistance in Wisconsin: The WARRIOR Study

6/1/2015 - 6/31/2017

Wisconsin Partnership Program/ Partnership Education and Research Committee

Co-PIs: Safdar N, Sethi AK

\$250,000/year

Role: Co-I

The WARRIOR study investigates the association between dietary fiber, gut microbiota and antibiotic resistant microbe colonization of the GI tract in SHOW participants.

Survey of the Health of Wisconsin (SHOW)

PRJ56RV - WPP2309 (PI: Nieto)

03/01/2012 - 08/31/2015

Wisconsin Partnership Program

\$1,400,000/year

PI- Nieto

Role: Co-Director

This program is a statewide representative survey of Wisconsin adults modeled after the National Health and Nutrition Survey. The study provided infrastructure for collaborative, translation and applied public health research throughout the state.

Environmental Health Center Strategic Planning Grant

PRJ68QH

01/01/2013 - 06/30/2014

Wisconsin Partnership Program

\$250,000

PI: Bradfield

This funding is provided to conduct pilot interdisciplinary studies building on toxicological and transcriptomic expertise within the Molecular Environmental Toxicology Center and using data and environmental samples provided by the Survey of the Health of Wisconsin.

Role: Co-Investigator, primary PI for the SHOW components

The Network for Health Equity in Wisconsin (NEHW) Project: A Novel Population Health Approach to Address CVD and Pulmonary Health Disparities.

RC2 HL101468

\$5,326,080

09/30/2009 - 07/31/2012

NIH, NHLBI

PI: Nieto

## RESEARCH

### Impact statistics (January, 2025)

#### Google Scholar

*Citations:* All = 6232; Since 2020= 4777

*h-index:* 39; Since 2019=34

*i10-index:* 79; Since 2020=72

## BIBLIOGRAPHY

### Publications in Refereed Journals

*Denotes student's work for which KMC Malecki was primary or secondary mentor*

1. Eggers S, Hoggarth ZE, Nagdeo K, Banas MJ, Rechtman E, Gennings C, O'Neal E, Peppard PE, Sethi AK, Safdar S, **Malecki K**, Schulz A, Midya V. Food Insecurity Modifies the Association Between the Gut Microbiome and the Risk of Cognitive Impairment in Adults, 25 November 2024, PREPRINT (Version 1) available at Research Square [<https://doi.org/10.21203/rs.3.rs-5486286/v1>]
2. Mishra JS, Bosse B, Hoppe KK, **Malecki K**, Hetzel SJ, Kumar S (2024) Perfluoroalkyl substances (PFAS) exposure and preeclampsia risk: Impaired angiogenesis through suppression of VEGF signaling, *Reproductive Toxicology*, Volume 132, 2025, 108827, ISSN 0890-6238, <https://doi.org/10.1016/j.reprotox.2024.108827>.
3. Rastogi S, Columna L, Koltyn K, Gangnon R, Peppard P, **Malecki K**, Cadmus-Bertram L. (2024). Intervention Satisfaction and Feasibility of the Active Children Through In-Home, Web-Based Physical Activity (ACTIWEB-PA) Pilot Randomized Controlled Trial in Children. *Pediatric Exercise Science* (published online ahead of print 2024). [doi.org/10.1123/pes.2024-0030](https://doi.org/10.1123/pes.2024-0030).

4. Scharder L, Ronnekleiv-Kelly S, Hogenesch J, Bradfield CA, **Malecki KCM**. Circadian disruption, clock genes, and metabolic health. *The Journal of Clinical Investigation*, 2024-7, 134, 14. doi.org/10.1172/JCI170998.
5. Teffera M, Veith AC, Ronnekleiv-Kelly S, Bradfield CA, Nikodemova M, Tussing-Humphreys L, **Malecki K**. Diverse mechanisms by which chemical pollutant exposure alters gut microbiota metabolism and inflammation, *Environment International*, 2024,108805,0160-4120, doi.org/10.1016/j.envint.2024.108805.
6. Kamis C, Xu W, Schultz A, **Malecki K**, Engelman M. Linking sequences of exposure to residential (dis)advantage, individual socioeconomic status, and health, *Health & Place*, Volume 88, 2024, 103262, 1353-8292, doi.org/10.1016/j.healthplace.2024.103262.
7. Pomazal R, **Malecki K**, Stanton N, Shelton B, Lange M, Irving R, Meiman J, Remucal CK, Chochran A, Schultz A. Determinants of Per- and Polyflouroalkyl Substances (PFAS) Exposure among Wisconsin Residents. *Environmental Research*, 2024 May 15;254:119131. doi: 10.1016/j.envres.2024.119131. PMID: 38759771.
8. Schultz AA, Nelson-Bakkum E, Nikodemova M, Luongo S, Barnet JH, Walsh MC, Bersch A, Sethi A, Peppard P, Cadmus-Bertram L, Engelman C, Lubsen J, Jackson T, **Malecki, KMC**. Participant attrition from statewide, population-based Survey of the Health of Wisconsin into the longitudinal SHOW COVID-19 cohort. *Annals of Epidemiology*. 2024;94:9-18.
9. Clark JA, Engelman M, Schultz AA, Bersch AJ, **Malecki K**. Sense of neighborhood belonging and health: geographic, racial, and socioeconomic variation in Wisconsin. *Frontiers in Public Health*. 2024;12.
10. Parab AZ, Kong A, Lee TA, Kim K, Nutescu EA, **Malecki KC**, Hoskins K, Calip G. Socioecologic Factors and Racial Differences in Breast Cancer Multigene Prognostic Scores in US Women. *JAMA Netw Open*. 2024;7(4):e244862.
11. Holzhausen EA, Peppard PE, Sethi AK, Safdar B, **Malecki KC**, Schultz AA, Delois CL, Hagen EW. Associations of gut microbiome richness and diversity with objective and subjective sleep measures in a population sample. *Sleep*. 2024;47(3).
12. Gordon BS, **Malecki KMC**, Camponeschi J, LeCaire TJ, Creswell PD, Schultz AA. For Submission to the Journal of Community Health: Carbon Monoxide Awareness and Detector Use in the State of Wisconsin. *J Community Health*. 2024;49(1):1-7.
13. Xu W, Agnew M, Kamis C, Schultz A, Salas S, **Malecki K**, Engelman M. Constructing Residential Histories in a General Population-Based Representative Sample. *Am J Epidemiol*. 2024 Vol. 193 Issue 2 Pages 348-359. doi: 10.1093/aje/kwad188
14. Roland HB, Curtis, KJ, **Malecki KM**, Lee D, Bazo J and Block P. *Geographic Isolation and Vulnerability Across Peru's Ecological Regions: The Influence of Regional Contexts*

*of Extraction*. Ann Am Assoc Geogr, 2023. **113**(9): p. 2126-2148. doi: 10.1080/24694452.2023.2216762

15. Zuniga-Chaves I, Eggers S, Kates AE, Safdar N, Suen G, **Malecki KMC**. Neighborhood socioeconomic status is associated with low diversity gut microbiomes and multi-drug resistant microorganism colonization. *NPJ Biofilms Microbiomes*. 2023;9 (1): pg. 61. doi: 10.1038/s41522-023-00430-3
16. Lawler T, Warren Andersen S, Trentham-Dietz A, Sethi AK, Tevaarwerk AJ, **Malecki, KMC**, Litzelman K, Pophali PA, Gangnon RE, Hampton JM, Kwekkeboom K and LoConte NK, *Change in alcohol consumption during the Covid-19 pandemic and associations with mental health and financial hardship: results from a survey of Wisconsin patients with cancer*. J Cancer Surviv, 2023. doi:10.1007/s11764-023-01502-1
17. Schultz AA, Stanton N, Shelton B, Pomazal R, Lange MA, Irving R, Meiman J, **Malecki KC**. Biomonitoring of perfluoroalkyl and polyfluoroalkyl substances (PFAS) from the Survey of the Health of Wisconsin (SHOW) 2014-2016 and comparison with the National Health and Nutrition Examination Survey (NHANES). J Expo Sci Environ Epidemiol, 2023. **33**(5): p. 766-777. doi: 10.1038/s41370-023-00593-3
18. Park EY, Oliver TR, Peppard PE, **Malecki KC**. Sense of community and mental health: a cross-sectional analysis from a household survey in Wisconsin. Fam Med Community Health. 2023 Jun;11(2):e001971. doi: 10.1136/fmch-2022-001971. PMID: 37399294; PMCID: PMC10314672.
19. Nikodemova M, Holzhausen EA, DeBlois CL, Barnet JH, Peppard PE, Suen G, **Malecki KM**. The effect of low-abundance OTU filtering methods on the reliability and variability of microbial composition assessed by 16S rRNA amplicon sequencing. Front Cell Infect Microbiol. 2023 Jun 12;13:1165295. doi: 10.3389/fcimb.2023.1165295. PMID: 37377642; PMCID: PMC10291178.
20. Gordon BS, **Malecki KMC**, Camponeschi J, LeCaire TJ, Creswell PD, Schultz AA. For Submission to the Journal of Community Health: Carbon Monoxide Awareness and Detector Use in the State of Wisconsin. J Community Health. 2023 Jun 7. doi: 10.1007/s10900-023-01235-3. PMID: 37284918.
21. Dillard LK, Nelson-Bakkum E, Schultz A, Merten N, **Malecki K**. Associations of Dietary Intake With Self-Reported Hearing Loss: Findings From the Survey of the Health of Wisconsin. J Speech Lang Hear Res. 2023 Jul 12;66(7):2478-2489. doi: 10.1044/2023\_JSLHR-22-00473. Epub 2023 Jun 1. PMID: 37263020.
22. Pomazal R, **Malecki KMC**, McCulley L, Stafford N, Schowalter M, Schultz A. Changes in Alcohol Consumption during the COVID-19 Pandemic: Evidence from Wisconsin. Int J Environ Res Public Health. 2023 Mar 29;20(7):5301. doi: 10.3390/ijerph20075301. PMID: 37047917; PMCID: PMC10094098.

23. Ottinger MA, Harry GJ, **Malecki K**, Wise JP Sr. Editorial: Healthspan and neural aging: Merging the exposome and one environmental health - From molecular mechanisms to epidemiology. *Front Aging Neurosci.* 2023 Mar 14;15:1172967. doi: 10.3389/fnagi.2023.1172967. PMID: 36998315; PMCID: PMC10043411.
  
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27. Ersig AL, Young EE, Brown RL, **Malecki K**. Genetic Variation, Stress, and Physiological Stress Response in Adults With Food Allergy or Celiac Disease. *Biol Res Nurs.* 2023 Apr;25(2):300-309. doi: 10.1177/10998004221134826. Epub 2022 Oct 24. PMID: 36280595.
  
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#### **ABSTRACTS AND PRESENTATIONS (SELECT)**

*Denotes student's work for which KMC Malecki was primary mentor*

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Yu D, Cummings N, Green C, Spicer A, Flores V, Jang C, Kasza I, Nikodemova M, Wakai MH, Tomasiewicz JL, Yang SE, Miller BR, Pak H, Brinkman J, Alexander C, Rabinowitz J, Baur J, **Malecki K**, Lamming D. Dietary Isoleucine is a Key Regulator of Metabolic Health: A04. *Journal of Investigative Medicine* 67 (5) Midwest Clinical & Translational Research Meeting 2019, Chicago, Illinois, USA, April 4-5, 2019.

Flores V, Spicer A, Cummings N, Park E, Nikodemova M, Yu D, Yang S, Tomasiewicz J, **Malecki KC**, Lamming D. Regulation of Body Weight and Composition by Dietary Histidine. *Journal of Investigative Medicine* 67 (5) Midwest Clinical & Translational Research Meeting 2019, Chicago, Illinois, USA, April 4-5, 2019.

Gorzelitz J, Cadmus-Bertram L, **Malecki K**. Awareness of Physical Activity Guidelines in Rural Wisconsin Women. Poster presentation. Society for Behavioral Medicine Annual Meeting. Minneapolis, MN. March 2019. Abstracts published. *Annals of Behavioral Medicine*, 53, S805-S805.

Cadmus-Bertram L, Gorzelitz-Liebhauser J, **Malecki K**, Mead K. Physical Activity Barriers, Attitudes, and Intervention Preferences in Rural Women. APHA 2018 Annual Meeting & Expo (November 10-14), San Diego, California.

Brown HW, Wise M, LeCaire T, Braun E, Drewry A, Buttigieg E, Macco M, Barnet J, Bersch A, Peppard P, **Malecki K**, Nieto J, Mahoney J. But Why? Reasons behind Preferences Regarding Community-Based Continence Promotion. APHA 2018 Annual Meeting & Expo (November 10-14), San Diego, California.

**Malecki K**. Urban and Rural Differences between Chemical and Social Environmental Risk Factors and Population Health, the Importance of Context. International Society for Environmental Epidemiology Annual Meeting. Ottawa, Canada. August 2018. *ISEE Conference Abstracts* 2018 (1).

Eggers SI, Skarlupka J, Kates A, Suen G, Peppard P, Kanarek M, Sethi AK, Safdar N, **Malecki K**. Urinary Lead Concentration and Its Association with the Composition of the Adult Gut Microbiota. International Society for Environmental Epidemiology Annual Meeting. Ottawa, Canada. August 2018. *ISEE Conference Abstracts* 2018 (1).



**Malecki K**, Nikodemova M, Yee J, Carney P, Bradfield C. Measuring the Responsive: Transcriptional Differences in mRNA Expression by Smoking Status and Obesity as Biomarkers for Human Sensitivity to Environmental Exposures. International Society for Environmental Epidemiology Annual Meeting. Ottawa, Canada. August 2018. *ISEE Conference Abstracts* 2018 (1).

**Malecki K**, Schultz A, Nikodemova M, LeCaire TJ. Obesity as a Risk Factor for Reduced Lung Function from Air Pollution in Adults International Society for Environmental Epidemiology Annual Meeting. August 2017. *ISEE Conference Abstracts*.

Brown HW, Wise M, LeCaire T, Braun E, Drewry A, Buttigieg E, Macco M, Barnet J, Bersch A, Peppard P, **Malecki K**, Nieto J, Mahoney J. Show me the Reach: Mixed-methods Analysis of Preferences for Community-based Contingence Promotion. 11<sup>th</sup> Annual Conference on the Science of Dissemination and Implementation, December 3-5, 2018. Washington, DC.

**Malecki KC**, Boyles A. Environmental Exposures and Breast Cancer Across the Life-course: Interdisciplinary Collaborations to Stimulate New Research Approaches, Improve Exposure Assessment during Critical Windows, and Accelerate the Translation of Research Findings into Disease Prevention. Accepted Symposium. Symposium ID#: 289858. Presented at the 2018 International Society of Environmental Epidemiology (ISEE) meeting in Ottawa, Alberta, Canada, August 26-30, 2018.

Johnson BS, Peppard PP, **Malecki KM**, Beyer KM. Exposure to Neighborhood Green Space and Sleep: Evidence from the Survey of the Health of Wisconsin. Presented at Consortium of Universities for Global Health. New York City, NY. March 2018.

Yee J, Carney P, Nikodemova M, Fechner J, Mezrich J, Bradfield C, **Malecki K**. Investigating the Source of AhR Expression in Whole Blood. Poster presented at Society for Environmental Toxicology Meeting. San Antonio, TX. March, 11-15, 2018.

Jewett P, Gangnon RE, Trentham-Dietz A, Jacobs EA, LaGro J, **Malecki K**. Differences in Mammography Utilization according to Car Ownership. *Accepted online publication*. The American Society of Prevention Oncology (ASPO). New York City, NY. March 10-13, 2018.

**Malecki KCM**, Gudnadottir U, Gorzelitz J, Spicer A, Cadmus-Bertram LA. Do High Levels of Occupational Physical Activity Increase the Likelihood of Meeting Physical Activity Guidelines? Data from the Survey of Health of Wisconsin. Poster Presentation. 2018 Active Living Research Conference. Banff, Canada; February 11, 2018.

Eggers S, **Malecki K**, Peppard P, Mares J, Shirley D, Shukla S, Poulsen K, Gangnon R, Suen G, Sethi A, Safdar N. High Dietary Fiber is Associated with Reduced Prevalence of Gut Colonization by Multi-Drug-resistant Organisms. Poster Presentation. ID Week 2017. San Diego, CA. October 5, 2017. Abstract Published In *Open Forum Infectious Diseases*. Volume 4, Issue suppl\_1, 1 October 2017, Pages S236, <https://doi.org/10.1093/ofid/ofx163.497>.

Eggers S, Safdar N, **Malecki KM**. Heavy Metal Exposure and Nasal Staphylococcus Aureus Colonization: Analysis of the National Health and Nutrition Examination Survey (NHANES). Poster Presentation. International Society for Environmental Epidemiology (ISEE). Sydney, Australia. September 24-28, 2017. Abstracts of the 2017 Epidemiology (ISEE). Research Triangle Park, NC. Published in *Environmental Health Perspectives*.

**Malecki K**, Schultz AS. Obesity as a Risk Factor for Reduced Lung Function from Air Pollution in Adults. Oral Presentation, International Society for Environmental Epidemiology (ISEE). Sydney, Australia. September 24-28, 2017. Abstracts of the 2017 Epidemiology (ISEE). Abstract 204 | ID: 2017-204. Research Triangle Park, NC: *Environmental Health Perspectives*; <http://dx.doi.org/10.1289/ehp.isee2017>.

**Malecki K**, Schultz AS, LeCaire TJ, Nikodemova M. Obesity, Air Pollution and Lung Function: Findings from the Survey of the Health of Wisconsin. American College of Epidemiology. New Orleans, LA. September 24-26, 2017. Abstract published in *Annals of Epidemiology* 27 (8), 514 DOI link: <https://doi.org/10.1016/J.ANNEPIDEM.2017.07.019>.

**Malecki K**, LeCaire TJ, Nieto FJ, Peppard P. The Survey of the Health of Wisconsin: A Novel Population Health Research Infrastructure for Dissemination of Health Determinants and Outcomes. American College of Epidemiology. New Orleans, LA. September 24-26, 2017. Abstract published in *Annals of Epidemiology* 27 (8), 527. <https://doi.org/10.1016/j.annepidem.2017.07.036>.

Muenke M, Kruska P, Addissie Y, Troia A, Kozei BA, Everson J, **Malecki K**, Lipinski R. Gene-Environment Interactions in Holoprosencephaly. Oral Presentation. 57<sup>th</sup> Annual Teratology Meeting, Denver CO. June 24-26, 2017.

Darst B, **Malecki KC**, Engelman C. Using Recursive Feature Elimination in Random Forest to Account for Correlated Variables in High Dimensional Data. Oral Presentation. Genetic Analysis Workshop 20. San Diego, CA. March 4-8, 2017.

Halling M, Beyer K, Nieto F, **Malecki K**. Embodied Stress: Pathways Between Neighborhood Environment and Increased Cardio-Metabolic Risk. Oral paper presented at the 144<sup>th</sup> Annual Meeting & Exposition of the American Public Health Association, Denver, CO. November 1, 2016.

Schultz A, \*\* **Malecki K**. Concentrated Animal Feeding Operation Air Emissions & Respiratory Health Effects among Wisconsin State Residents. Poster presented at the 144<sup>th</sup> Annual Meeting & Exposition of the American Public Health Association, Denver, CO. October 31, 2016.  
\*\*APHA ENVIRONMENTAL STUDENT POSTER AWARD RECIPIENT\*\*

Bergmans R, Berger L, Palta P, Roberts S, Erenthal D, **Malecki K**. Enrollment in the Supplemental Nutrition Assistance Program, and Modification by Program Perception. Findings from the Fragile Families and Child Wellbeing Study. Poster presented at the 144<sup>th</sup> Annual Meeting & Exposition of the American Public Health Association, Denver, CO. October 30, 2016.

Muenke M, Kruszka P, Addissie, Y, Everson JL, **Malecki K**, Lipinski RJ. Gene-Environment Interactions in Holoprosencephaly. Abstract and platform presentation. 37<sup>th</sup> Annual David W Smith Workshop on Malformations and Morphogenesis. Lake Arrowhead, CA. September 9-14, 2016.

Schultz, A. **Malecki K.** 2016. Proximity to Concentrated Animal Feeding Operations and Allergic Disease. Poster Presentation. Rome, Italy. September 1-4, 2016. Published In: Abstracts of the 2016 Epidemiology (ISEE). Abstract P1-047 ID: 4695. Research Triangle Park, NC: *Environmental Health Perspectives*; <http://dx.doi.org/10.1289/ehp.isee2016>.

Schultz, A. **Malecki K.** 2016. Concentrated Animal Feeding Operations. Oral Presentation. Society for Epidemiologic Research (SER). Congress of the Americas Conference. Miami, FL. June, 21-24 2016.

Eggers S, Remington P, Ryan K, Nieto FJ, Peppard P, **Malecki K.** Obesity Prevalence and Health Consequences: Findings from the Survey of the Health of Wisconsin 2008-2013. Poster Presentation: Population Health Sciences Welcome Day Poster Session, Madison, WI; April 4, 2016. \*\*Winner of Catherine Allen Memorial Award for Best PHS Student Poster.\*\*

Eggers S, Gangnon R, **Malecki K.** Urbanicity and Bicycle Helmet Use; Findings from the Survey of the Health of Wisconsin. Poster Presentation: Society for Epidemiologic Research Annual Meeting, Denver, CO. June 16, 2015.

**Malecki K,** Schultz A, Bergmans R, LeCaire TF, Palta M. Cumulative Health Impacts of Chronic Exposure to Fine Particulate Matter and Neighborhood Perceptions of Crime on Pulmonary Health. Results from the Survey of the Health of Wisconsin. Oral paper presented at the 143<sup>rd</sup> Annual Meeting & Exposition of the American Public Health Association, Chicago, IL. November 3, 2015.

**Malecki KCM,** Schultz A, Severtson, DL, Vanderslice, J, Anderson, HA. Understanding Chemical and Non-chemical Vulnerability of Private Well Owners: Results from the Survey of the Health of Wisconsin. Poster Presentation. Poster presented at the 143<sup>rd</sup> Annual Meeting & Exposition of the American Public Health Association, Chicago, IL. November 3, 2015.

Martinez-Donate AP, Valdivia Espino J, Meinen A, Escaron A, Roubal A, Nieto FJ, **Malecki K.** Disparities in the Restaurant Food Environment: Evidence from the Assessing the Nutrition Environment in Wisconsin Communities (ANEWC) Study. Oral paper presented at the 143<sup>rd</sup> Annual Meeting & Exposition of the American Public Health Association, Chicago, IL. October 31 - November 4, 2015.

Valdivia Espino J, Meinen A, Escaron A, Roubal A, Nieto FJ, **Malecki K,** Martinez-Donate AP. Disparities in the Food Store Environment: Evidence from the Assessing the Nutrition Environment in Wisconsin Communities (ANEWC) Study. Oral paper presented at the 143<sup>rd</sup> Annual Meeting and Exposition of the American Public Health Association, Chicago, IL. October 31 - November 4, 2015.

**Malecki K, Yee J, Geiger P, Vollrath A, Zhang X, Johnson B, Mezrich J, Kennedy G, Bradfield C.** The Wisconsin Environmental Exposure Potential Study (WEEPS). Oral Presentation at the 6<sup>th</sup> Annual Integrating Genetics and the Social Sciences. Boulder, CO. October 22-23, 2015.

**Malecki K.** Dis-entangling Race, Place and SES: Using Biomarkers to Examine Associations of Environmental Exposure, SES, and Racial Segregation on Cardio-Pulmonary Health in the Survey of the Health of Wisconsin. Oral Presentation in Session, “Monitoring Progress in Addressing Health Disparities using Biomarkers in Local Population.” American College of Epidemiology Annual Meeting. Atlanta, GA. September 28, 2015.

**Malecki KMC, Schultz A.** 2015. Disentangling Race And Place: Association Of Chronic Fine Particulate Matter Exposure, Racial Segregation And Pulmonary Health. Oral Presentation. Sao Paulo, Brazil. September 2, 2016. International Society of Environmental Epidemiology (ISEE) Meeting. Published in Abstracts of the 2015 Conference of the International Society of Environmental Epidemiology (ISEE). Abstract 4202. Research Triangle Park, NC: *Environmental Health Perspectives*; <http://dx.doi.org/10.1289/ehp.isee2015>. **Malecki KMC, Schultz A, Bergmans R, LeCaire TF, Palta M.** 2015. Cumulative Health Impacts of Chronic Exposure to Fine Particulate Matter and Neighborhood Perceptions of Crime on Pulmonary Health. Poster Presentation. International Society of Environmental Epidemiology (ISEE) Meeting. Sao Paulo, Brazil. September 2, 2015. Published in Abstracts of the 2015 Conference of the International Society of Environmental Epidemiology (ISEE). Abstract 4734. Research Triangle Park, NC: *Environmental Health Perspectives*; <http://dx.doi.org/10.1289/ehp.isee2015>.

**Malecki KMC, Schultz A, Bergmans R, Severtson L, Vanderslice J, Anderson, H.** 2015. Understanding Chemical and Non-Chemical Vulnerability of Private Well Owners: Results From the Survey of the Health of Wisconsin. Poster Presentation. International Society of Environmental Epidemiology (ISEE) Meeting. Sao Paulo, Brazil. September 2, 2015. Published in Abstracts of the 2015 Conference of the International Society of Environmental Epidemiology (ISEE). Abstract 4779. Research Triangle Park, NC: *Environmental Health Perspectives*; <http://dx.doi.org/10.1289/ehp.isee2015>.

**Malecki K, Schultz A, Bergmans R, Severtson L, Vanderslice J, Anderson, H.** Ambient Air Pollution and Allergic Disease: Results from the Survey of the Health of Wisconsin 2008-2013. International Society of Environmental Epidemiology (ISEE) Meeting. Poster Presentation. Sao Paulo, Brazil. September 1, 2015. Published in Abstracts of the 2015 Conference of the International Society of Environmental Epidemiology (ISEE). Abstract 4019. Research Triangle Park, NC: *Environmental Health Perspectives*; <http://dx.doi.org/10.1289/ehp.isee2015>.

Muenke M, Kruska P, Addissie Y, **Malecki K**, Everson J, Lipinski R. Gene-Environment Interactions in Holoprosencephaly. 36th Annual David W. Smith Workshop on Malformations and Morphogenesis. St. Michaels, MD. August 14-19, 2015. Abstracts Published in *American Journal of Medical Genetics*. 10.1002/ajmg.a.37600.

**Yang A, Olson M, Malecki K.** Oral Health of Wisconsin Adults: Findings from the Survey of the Health of Wisconsin. Poster Presentation at the Council for State and Territorial Epidemiology Annual Meeting. Boston, MA. June 2015.

Grabow M, Malecki K, Engelman C, Peppard P, Martinez-Donate A, Bergman E, Bernardinello M, Patz J. What Moves Us: A Comparison of Perceived and Objective Predictors of Active Transportation Behaviors. Oral Presentation. Moving Active Transportation to Higher Ground: Opportunities for Accelerating the Assessment of Health Impacts Conference. Washington, DC. April 13, 2015.

Yee J, Geiger P, Vollrath A, Zhang X, Johnson B, Mezrich J, Kennedy G, Bradfield C, Malecki K. Profiling of an AHR Response in Whole Blood. Poster presented at Society for Environmental Toxicology Meeting. San Diego, CA. March, 2015.

Walsh MC, McWilliams C, Hrabik L, Schoeller D, Glysch R, **Malecki K**. Importance of Local Health Data to Inform Health Promotion in Wisconsin: Results from the Partnership Between Transform Wisconsin, the Survey of the Health of Wisconsin (SHOW), and Six County Health Departments. American Public Health Association Meeting. New Orleans, LA. November 15-19, 2014.

Gudnadottir U, Walsh M, Nieto FJ, Peppard PE, Malecki KC. Weight Misperception and Weight Loss Attitudes Among Obese Individuals: Findings from the Survey of Health of Wisconsin. American Public Health Association Meeting. New Orleans, LA. November 15-19, 2014.

Grabow M, Malecki K, Engelman C, Peppard, Martinez-Donate A, Bergman E, Bernardinello M, Patz, J. What Moves Us: A Comparison of Perceived and Objective Predictors of Active Transportation Behaviors. Oral Presentation. American Public Health Association Meeting. New Orleans, LA. November 15-19, 2014.

Frederick L, Johnson WP, Vanderslice J, Taddie M, **Malecki K**, Gregg J and Faust N. The Determination and Estimation of Arsenic and Uranium in Private Wells throughout the United States. American Geophysical Union Conference, San Francisco, CA. December 15-19, 2014.

**Malecki KCM**, Creswell PD, Anderson HA, Werner MA. Heavy Metal Exposure, Vulnerability and Cardio-metabolic Health: Results from the Survey of the Health of Wisconsin. Poster Presentation. International Society for Environmental Epidemiology. Seattle, Washington. August 27, 2014.

Beyer K, Kaltenbach A, Szabo A, Bogar S, Nieto FJ, **Malecki K**. Exposure to Neighborhood Green Space and Mental Health: Evidence from the Survey of the Health of Wisconsin. Oral Presentation. International Society for Environmental Epidemiology (ISEE). Seattle, WA. August 27, 2014.

Creswell PD, **Malecki K**, Camponeschi JL, Berney D, Werner MA. Biomonitoring of Cadmium, Arsenic, Mercury, and Uranium in Wisconsin Adults. Oral Presentation at the Council for State and Territorial Epidemiology Annual Meeting. Nashville, TN. June 22-26, 2014.

Creswell PD, **Malecki K**, Camponeschi JL, Berney D, Werner MA. Urinary Cadmium and Cardiovascular Health: Findings from the Survey of the Health of Wisconsin. Oral Presentation

at the Council for State and Territorial Epidemiology Annual Meeting. Nashville, TN. June 22-26, 2014.

Nieto FJ, **Malecki KC**, Tapia J. Foreclosure Rates During Economic Recession and Cardiovascular Health: Paradoxical Results from the Survey of the Health of Wisconsin. Accepted for Poster Presentation. American Heart Association EPI/NPAM meeting. San Francisco, California. March 18-21, 2014.

**Malecki KC**, Nieto FJ. Urinary Cadmium and Cardiovascular Health: Findings from the Survey of the Health of Wisconsin. Accepted for Poster Presentation. American Heart Association EPI/NPAM meeting. San Francisco, California. March 18-21, 2014.

**Malecki KC**. Neighborhood Built Environment, Air Quality and Metabolic Disorders. International Society for Environmental Epidemiology (ISEE). Session Chair. Basel, Switzerland. August 19-21, 2013.

**Malecki KC**, Morgan L, Nieto FJ, Burke TE. Cumulative Health Impacts of Air Quality and Social Vulnerability on Cardiopulmonary Health: Results from the Survey of the Health of Wisconsin. Oral Presentation. International Society for Environmental Epidemiology (ISEE). Basel, Switzerland. August 19-21, 2013.

Bergman E, **Malecki K**, Bernardinello M, Engelman C, Martinez-Donat  A, Peppard PE, Patz J, Nieto FJ. Associations between Perceived and Objective Built Environment. Accepted Poster Presentation. International Society for Environmental Epidemiology (ISEE). Basel, Switzerland. August 19-21, 2013.

Grabow M, **Malecki K**, Bergman E, Morgan L, Bernardinello M, Engelman C, Martinez-Donat  A, Peppard PE, Patz J, Nieto FJ. Perceived and Environmental Determinants of Active Transportation Behavior in Wisconsin. Poster Presentation. International Society for Environmental Epidemiology (ISEE). Basel, Switzerland. August 19-21, 2013.

**Malecki KC**, Wisk LE, Gigot M, Peppard PE, Walsh MA, Nieto FJ. Associations between Quality Reporting and Perceived Quality of Care: Findings from the Survey of the Health of Wisconsin. Oral Presentation. American Public Health Association Meeting. Boston, MA. October 2013.

**Malecki KC**, Wisk LE, Morgan L, Nieto FJ. Disparities in Receipt of Needed Dental Care and Oral Health: Evidence from the Survey of the Health of Wisconsin. Oral Presentation. American Public Health Association Meeting. Boston, MA. October 2013.

**Malecki KC**, Wisk LE, Gigot M, Kraft SE, Peppard PE, Walsh MA, Nieto FJ. Associations between Quality Reporting and Receipt of Health Care Services: Findings from the Survey of the Health of Wisconsin. Poster Presentation. Academy Health. Baltimore, MD. June 2013.

**Malecki KC**, Wisk LE, Gigot M, Kraft SE, Peppard PE, Walsh MA, Nieto FJ. Associations between Quality Reporting and Perceived Quality of Care: Findings from the Survey of the Health of Wisconsin. Poster Presentation. Academy Health. Baltimore, MD. June 2013.

**Malecki KC**, Wisk LE, Gigot M, Kraft SE, Peppard PE, Walsh MA, Nieto FJ. Associations between Quality Reporting and Receipt of Health Care Services: Findings from the Survey of the Health of Wisconsin. Poster Presentation. Society for Epidemiologic Research, Boston, MA. June 20, 2013.

**Malecki KC**, Wisk LE, Morgan L, Nieto FJ. Disparities in Receipt of Needed Dental Care and Oral Health: Evidence from the Survey of the Health of Wisconsin. Poster Presentation. Society for Epidemiologic Research, Boston, MA. June 20, 2013.

Boyce JB, Werner MA, Camponeschi J, **Malecki KC**. Wisconsin Environmental Public Health Tracking Biomonitoring Project. Oral Presentation. Council for State and Territorial Epidemiologists (CSTE) Annual Meeting. Pasadena, CA. June 2013.

Givens ML, Peppard PE, Said A, **Malecki KC**, Engelman CD, Galvao LW, Palta M, Nieto FJ. Occupational Shift Work, Sleep Behaviors, and Metabolic Health Disparities: Results from the Survey of the Health of Wisconsin. 140th APHA Annual Meeting, October 27-31, 2012, San Francisco, CA.

Shin J, Walsh M, **Malecki KC**, Bautista L, Nieto FJ. Food Insecurity, Fat Intake, and Dyslipidemia: The Survey of the Health of Wisconsin (SHOW), 2008-2010. Poster Presentation. 140th APHA Annual Meeting, October 27-31, 2012, San Francisco, CA. October 31, 2012.

**Malecki KC**, Peppard PE, Engelman CD, Palta M, Nieto FJ. Prevalence and Predictors of Cardiovascular Health: Findings from the Survey of the Health of Wisconsin. Annual Conference of the American College of Epidemiology. Chicago, IL. September 2012.

**Malecki KC**, Nieto FJ, Peppard PE. Environmental and Dietary Determinants of Lung Function: Results from the Survey of the Health of Wisconsin. International Society for Environmental Epidemiology 24th Annual Conference. Columbia, SC. August 2012.

Walsh MC, **Malecki KC**, Bersch A, Peppard PE, Galvao LW, Martinez-Donate MP, Kindig DA, Nieto FJ. Health Literacy and Urbanicity in the 2008-2010 Survey of the Health of Wisconsin (SHOW). Poster presentation. Society for Epidemiologic Research Annual Meeting. Minneapolis, MN. June 28, 2012.

Shin J, Walsh MC, **Malecki KM**, Bautista LE, Nieto FJ. Food Insecurity, Fat Intake, and Dyslipidemia: The Survey of the Health of Wisconsin (SHOW), 2008-2010. Poster Presentation. Society for Epidemiologic Research Annual Meeting. Minneapolis, MN. June 28, 2012.

Bersch AJ, Nieto FJ, Bergman EJ, **Malecki KM**. Address-based Sampling in a Large Population-based Survey: Lessons Learned. Poster Presentation. Society for Epidemiologic Research Annual Meeting. Minneapolis, MN. June 28, 2012.

Bergman EJ, Nieto FJ, Bersch AJ, Buckingham WR, **Malecki K**. Using Tax Parcel Data to Compare Geocoding Accuracy of Urban and Non-urban Addresses in Wisconsin. Poster

Presentation. Society for Epidemiologic Research Annual Meeting. Minneapolis, MN. June 26, 2012.

Givens ML, **Malecki KC**, Martinez-Donate A, Peppard PE, Engelman CD, Friedman EM, Galvao LW, Walsh MC, Bersch AJ, Palta M, Nieto FJ. Association Between Overweight Prevalence and Individual Weight Status Misperception. Wisconsin Public Health Association Meeting, Wisconsin Dells, WI. May 2012.

Eppinger B, Walsh M, **Malecki KM**, Nieto FJ. Urban and Rural Differences in Health-related Quality of Life & Healthcare Access. Shapiro Student Presentation Conference. Madison, WI; April 2012.

Guzman P, **Malecki KM**, Nieto FJ, Walsh M, Smith S. Evaluating the Effects of Statewide Smoking Regulations on Smoking Behaviors Among Participants in the Survey of The Health of Wisconsin (SHOW). Oral Presentation. 139th APHA Annual Meeting. Washington, DC. November 1, 2011.

Hoerz P,\* **Malecki KM**, Walsh M, Engelman C, Nieto FJ. Walk Score, Perceptions of Neighborhood Walkability, and Physical Activity. Poster Presentation. 139th APHA Annual Meeting, Washington, DC. October 31, 2011. \*NOTE: APHA Student Poster Award.

**Malecki KM**, Givens M, Walsh M, Lo J, Nieto FJ. Neighborhood Perceptions, Access to Resources and Psychosocial Influences on Physical Activity: Opportunities for Improving the Built Environment. Oral Presentation. International Society for Environmental Epidemiology 2011, Barcelona, Spain. September 14, 2011.

**Malecki KM**, Peppard P, Walsh M, Lo J, Nieto FJ. Exposure Misclassification and Bias in Environmental Epidemiology: Within Household Response Concordance on Household Characteristics in the 2008-2010 Survey of the Health of Wisconsin. Poster Presentation. International Society for Environmental Epidemiology 2011, Barcelona, Spain. September 15, 2011.

**Malecki KM**, Booske B, Remington P, Gigot M, and Nieto FJ. An Integrative Multi-level Approach to Applied Epidemiology in Wisconsin: Bridging Translational Research, Policy and Healthcare to Improve Population Health. Poster Presentation. 3rd North American Congress for Epidemiology Society for Epidemiologic Research. Montreal, Canada. June 21, 2011.

Walsh M, **Malecki KC**, Palta M. Association Between Health Literacy and Screening, Immunization, and Prevention Behaviors in the Survey of the Health of Wisconsin Study. 3rd North American Congress of Epidemiology, Montreal, Canada. June 2011.

Lo J, Walsh M, **Malecki KC**. Within-Household Response Concordance on Household Characteristic Questions in the 2008-2010 Survey of the Health of Wisconsin. 3rd North American Congress of Epidemiology, Montreal, Canada. June 2011.



Nieto FJ, **Malecki KC**, Walsh MC, Friedman EM, Bersch AJ, Engelman, CD, Galvao LW, Peppard PE. Economic Hardship and Health - Results from the Survey of the Health of Wisconsin. 3rd North American Congress of Epidemiology, Montreal, Canada. June 2011.

**Malecki KM**. Tracking Environmental Exposures and Childhood Cancer in Wisconsin. Oral Presentation. Wisconsin Environmental Health Association Conference. Middleton, WI. April 27, 2009.

**Malecki KM**. Pesticide Surveillance in Wisconsin, Implications for Exposure Assessment, and Epidemiology: Lessons Learned, Future Directions, and Recommendations for Tracking. Oral Presentation. Environmental Public Health Tracking Conference Washington, DC. February 23, 2009.

**Malecki K**. Drinking Water Quality Surveillance in the United States: National Aeronautics and Space Administration—Lessons Learned from the National Tracking Drinking Water Content Workgroup. Oral Presentation. Environmental Public Health Tracking Conference. Washington, DC. February 24, 2009.

Boyce JC, Bekkedal MYV, **Malecki KM**, Werner MA, Ishado SS, Anderson HA. Customized County Level Environmental Reports in Wisconsin. Poster presentation at the Environmental Public Health Tracking Conference. Washington, DC. February 23, 2009.

Werner M, Danhof R, **Malecki K**, Bekkedal M, Anderson HA. From Demonstration Projects to Documented Progress: Incorporating Hospitalization Data in Environmental Public Health Tracking. American Public Health Association Annual Meeting. San Diego, CA. October 25-29, 2008.

**Malecki KM**. Overview of Wisconsin's Environmental Public Health Tracking Program. Where we Have Been and Where we are Headed. Oral Presentation. Statewide Epidemiology Meeting. Wisconsin Dells, WI. October 3, 2008.

Nieto FJ, **Malecki K**. Survey of the Health of Wisconsin (SHOW). Oral Presentation. Statewide Epidemiology Conference. Wisconsin Dells, WI. October 3, 2008.

Bekkedal MYV, **Malecki KM**, Werner MA, Anderson HA. Asthma Coalition Meeting. Oral Presentation. Wisconsin's Environmental Public Health Tracking Program, Linking Hazards, Exposures, and Health Outcomes. Madison, WI. September 2008.

Nieto FJ, Engelman C, **Malecki K**, Peppard P. Survey of the Health of Wisconsin (SHOW). Oral Presentation. Wisconsin Public Health Association Conference. Wisconsin Dells, WI. July 24, 2008.

Boyce JC, **Malecki K**, Bekkedal M, Anderson HA. Impact of Air Quality Index Awareness on Outdoor Activity Levels. Oral Presentation. Wisconsin Public Health Association Conference. Wisconsin Dells, WI. July 24, 2008.

**Malecki K**, Bekkedal M, Boyce J, Brody T, Werner M, Anderson HA. Tracking Potential Exposures to Agricultural Pesticides in Wisconsin's Groundwater: Small Area Analysis. Oral Presentation. CSTE Annual Conference. Denver, CO. June 8-12, 2008.

Kyle A, **Malecki K**. Achieving Policy Change to Improve Environmental Health: What Works for States and Communities? Roundtable Discussion. Council of State and Territorial Epidemiologists (CSTE) Annual Conference. Denver, CO. June 8-12, 2008.

Boyce JC, **Malecki K**, Bekkedal M, Anderson HA. Impact of Air Quality Index Awareness on Outdoor Activity Levels. Oral Presentation. Council of State and Territorial Epidemiologists (CSTE) Annual Conference. Denver, CO. June 8-12, 2008.

**Malecki K**, Simms E. Climate Change and Public Health: Prioritization, Evaluation and Action. Session organizer. CSTE Annual Conference. Denver, CO. June 8, 2008.

Kyle A, **Malecki K**. Achieving Policy Change to Improve Environmental Health: What Works for States and Communities? Roundtable Discussion. Council of State and Territorial Epidemiologists (CSTE) Annual Conference. Denver, CO. June 8-12, 2008.

Vaidyanathan A, Wolff C, Vanderslice J, **Malecki K**. Drinking Water and Environmental Public Health Tracking: Assessing Statewide and Local Water Quality Data Sources. Oral Presentation. World Environmental and Water Resources Congress 2008, Ahupua'a: Sustainability from the Mountains to the Sea. Honolulu, Hawaii. May 12-13, 2008.

**Malecki K**. Monitoring, Evaluation, Prioritization and Planning – Public Health Surveillance and Climate Change in Wisconsin. Oral Presentation. Second Annual Nelson Institute Earth Day Conference. Sustaining Wisconsin's Environment & Economy: Responding to Climate Change. Madison, WI. April 16, 2008.

Danhof R, **Malecki KC**, Anderson HA, Werner M. Comparison of Asthma Hospitalization Rates based on Statewide Hospital Discharge Data and The Behavioral Risk Factor Surveillance Survey Asthma Call-Back Module. Oral Presentation. BRFSS Conference. Orlando, FL. March 15-19, 2008.

Boyce JC, **Malecki K**, Bekkedal M, Anderson HA. Impact of Air Quality Index Awareness on Outdoor Activity Levels. Oral Presentation. BRFSS Conference. Orlando, FL. March 15-19, 2008.

**Malecki K**, Resnick B, Burke T. A Framework for the Development and Evaluation of Environmental Public Health Indicators (EPHI): A Tool for Environmental Health Practitioners. Oral Presentation. American Public Health Association Annual Meeting. Washington DC. November 6, 2007.

Boyce J, **Malecki KM**, Bekkedal M, Anderson H. Impact of Air Quality Index Awareness on Outdoor Activity Levels. Poster Presentation. American Public Health Association Annual Meeting. Washington DC. November 6, 2007.

Werner M, Bekkedal MYV, **Malecki KCM**, Anderson H. From Surveillance to Intervention to Policy Change: Modeling Hazardous Air Pollutants to Protect Wisconsin's Health. Oral Presentation. American Public Health Association Annual Meeting. Washington DC. November 6, 2007.

**Malecki K**, Kyle A, Vanderslice J, Thomsen C, English P. Development and Deployment of Environmental Public Health Indicators by the State Environmental Health Indicators Collaborative. Oral Presentation. International Society for Environmental Epidemiology (ISEE). Mexico City, Mexico. September 5-9, 2007.

Kyle AD, **Malecki KCM**, Thomsen C, Vanderslice J, English P. Using Environmental Public Health Indicators to Inform External Audiences and Contribute to Policy Development. Oral Presentation. Council of State and Territorial Epidemiologists (CSTE) Annual Meeting. Atlantic City, NJ. June 25, 2007.

**Malecki KM**, Bekkedal M, Boyce J, Anderson H. Environmental Public Health Indicators in Wisconsin: Developing Tools for Program Assessment, Information Dissemination and Planning in State Health Departments. Oral Presentation. Council of State and Territorial Epidemiologists (CSTE) Annual Meeting. Atlantic City, NJ. June 25, 2007.

**Malecki K**. Environmental Health Breakout – Building Healthy Communities for Active Aging. Session Moderator. Council of State and Territorial Epidemiologists (CSTE) Annual Meeting. Atlantic City, NJ. June 26, 2007.

Boyce KM, Bekkedal MY, **Malecki KM**, Anderson H. The Impact of Air Quality Index Awareness on Outdoor Activity Levels in the Aging Population. Oral Presentation. Council of State and Territorial Epidemiologists (CSTE) Annual Meeting. Atlantic City, NJ. June 26, 2007.

**Malecki KC**, Roberts L, English P, Kyle A, Vanderslice J, Thomsen C. Updates on the State Environmental Health Indicators Collaborative. Oral Presentation. Council of State and Territorial Epidemiologists (CSTE) Annual Meeting. Atlantic City, NJ. June 26, 2007.

**Malecki KC**, Bekkedal M, Boyce J, Werner M, Anderson H. Developing Tools and Methods for Routinely Linking Health Effects with Air Emissions: A Pilot Project with Childhood Cancers. Oral Presentation. Council of State and Territorial Epidemiologists (CSTE) Annual Meeting. Atlantic City, NJ. June 27, 2007.

**Malecki KM**, Bekkedal MY, Werner M, Anderson H. Updates on the WI EPHT Program Activities. Presented at the Council on Birth Defects Surveillance and Prevention and Surveillance Meeting. May 15, 2007.

**Malecki KC**, Brody TM, Bekkedal M, Schumacher J, Anderson H. Tracking Potential Exposures to Agricultural Pesticides in Wisconsin's Groundwater: Small Area Analysis. Oral Presentation. The Joint Society for Risk Analysis and Society for Environmental Toxicology and

Chemistry (SETAC) Midwest Chapter Meeting. Argonne Laboratories. Argonne, IL. March 14-15, 2007.

Severtson DJ, **Malecki KM**, Bekkedal MA, Werner MA, Harrower MA, Anderson HA. Visualizing Uncertainty in Assessing the Vulnerability of Groundwater to Pesticide Contamination. Joint Presentation. Wisconsin Chapter of the American Water Resources Association. Wisconsin Dells, WI. March 1-2, 2007.

Brody T, **Malecki K**, Schumacher J, Bekkedal M, Henley C, Anderson H, Sonntag W, Young S, Nussbaum B. Pesticide Use Reporting and Monitoring for Modeling Potential Exposure to Agricultural Pesticides. Poster Presentation. EPA Science Forum. Washington, DC. December, 2006.

Brody T, **Malecki K**, Schumacher J, Bekkedal M, Henley C, Anderson H, Sonntag W, Young S, Nussbaum B. Pesticide Use Reporting and Monitoring for Modeling Potential Exposure to Agricultural Pesticides. Oral Presentation. The Joint Society for Risk Analysis Annual Meeting. Baltimore, MD. December 2006.

**Malecki KC**, Bekkedal MYV. The Bureau of Environmental and Occupational Health Indicators Report: To Count is the Root of Accountability. Presentation at the Public Health and Policy Horizons Conference, Waukesha, WI and Wausau, WI. December 2006.

Bekkedal MYV, **Malecki KC**, Schumacher J, Weier A, Werner MA, Anderson HA. Developing Tools for Estimating Hazard Exposures Related to Public Health. Presented to the Wisconsin Department of Agriculture, Trade and Consumer Protection. Madison, WI. September 2006.

Bekkedal MYV, Werner MA, **Malecki K**, Anderson HA. Emerging Issues in Health Effects and Air Pollutants. Presented at EPA/CDC Exposure-Health Symposium, Raleigh-Durham, NC. September 2006.

Thomsen C, **Malecki KC**, Kyle A, Vanderslice J. US Approach to Environmental Health Indicators and Opportunities for International Collaboration. Poster presented at ISEE/ISEA International Conference. Paris, France. September 2006.

Werner MA, Bekkedal MYV, Schumacher J, **Malecki KC**, Anderson HA. Public Health Air Surveillance Evaluation (PHASE) Project: Lessons Learned for Network Implementation. Presented at the National Environmental Public Health Tracking Conference, Atlanta, GA. August 2006.

Werner MA, Bekkedal MYV, Brooks B, Boyd KM, **Malecki K**, Anderson HA. Developing EPHT Modules for Neurodegenerative Diseases: Opportunities and Challenges. Presented at the National Environmental Public Health Tracking Conference, Atlanta, GA. August 2006.

**Malecki KC**. Air Quality and Health Indicators for State Level Practitioners: Experiences from the State Environmental Health Indicators Collaborative (SEHIC). Oral Presentation. Session

Title: Environmental Public Health Indicators: Data for Action and Policy. Council of State and Territorial Epidemiologists (CSTE) Annual Meeting. Anaheim, CA. June 7, 2006.

**Malecki KC**, Anderson H, Bekkedal M, Weier A. Linking Childhood Cancer and Environmental Determinants in Wisconsin. Oral Presentation. Council of State and Territorial Epidemiologists (CSTE) Annual Meeting. Anaheim, CA. June 6, 2006.

**Malecki KC**. Updates from the State Environmental Health Indicators Collaborative (SEHIC). Roundtable discussion. Council of State and Territorial Epidemiologists (CSTE) Annual Meeting. Anaheim, CA. June 6, 2006.

**Malecki KC**. National Environmental Public Health Indicators Update. Oral Presentation. Council of State and Territorial Epidemiologists (CSTE) Annual Meeting. Anaheim, CA. June 5, 2006.

**Malecki KC**, Stone S, Pertowski C. Indicators for Air Quality and Health: Data for Action and Policy. Oral Presentation. Council of State and Territorial Epidemiologists (CSTE) Annual Meeting. Anaheim, CA. June 2006.

**Malecki KC**, Anderson H, Bekkedal M, Weier A. Linking Childhood Cancer and Environmental Determinants in Wisconsin. Abstract for oral presentation. Council of State and Territorial Epidemiologists (CSTE) Annual Meeting. Anaheim, CA. June 2006.

**Malecki KC**, Vanderslice J, Thomsen C, Kyle A. Updates from the State Environmental Health Indicators Collaborative (SEHIC). Roundtable discussion. CSTE Annual Meeting. Anaheim, CA. June 2006.

Brody T, **Malecki KC**, Schumacher J, Bekkedal M, Henley C, Anderson H, Sonntag W, Young S, Nussbaum, B. Pesticide Use Reporting and Monitoring for Modeling Potential Exposure to Agricultural Pesticides. Poster Presentation. EPA Science Forum. Washington, DC. May 2006.

Brody T, **Malecki K**, Schumacher J, Bekkedal M, Henley C, Anderson H, Sonntag W, Young S, Nussbaum B. Pesticide Use Reporting and Monitoring for Modeling Potential Exposure to Agricultural Pesticides. Oral Presentation. EPA Science Forum. Washington, DC. May 2006.

**Malecki KC**. Lesson Learned from the Wisconsin EPHT Program. Oral Presentation at the Environmental Public Health Tracking Workshop. Tampa, FL. April 2006.

**Malecki KC**. Updates from the SEHIC Collaborative. Oral Presentation at the Environmental Public Health Tracking Workshop. Tampa, FL. April 2006.

**Malecki KC**. DHFS Bureau of Environmental and Occupational Health State of Environmental Health Report 2005. Measuring Healthiest Wisconsin 2010. Media Site Live Presentation. Madison, WI. January 26, 2006.

**Malecki KC.** Update on Childhood Cancer Tracking in Wisconsin. Environmental Health in Wisconsin: A Local Perspective. Oral Presentation, Look Out for Lead, 2005. Madison, WI. December 5, 2005.

**Malecki KC.** Update on the State Environmental Health Indicators Collaborative: Lessons Learned for EPA's Accountability Research Program. Oral Presentation. EPA Office of Air & Radiation's 2005 Measuring Program Results Workshop. Washington, DC. November 29-30, 2005.

**Malecki KC,** Pluymers D. WI BEOH Environmental and Occupational Health Indicators Project: Measuring *Healthiest Wisconsin 2010*. Bureau of Environmental and Occupational Health Bureau Wide Meeting. Madison, WI. October 14, 2005.

**Malecki KC.** Developing State Level Environmental Public Health Indicators - Update from the SEHIC Drinking Water Workgroup. Oral Presentation. State Environmental Public Health Indicators Collaborative (SEHIC) Workshop. Atlanta, GA. September 22-23, 2005.

**Malecki KC.** Developing State Level Environmental Public Health Indicators. Oral Presentation and Moderator. State Environmental Public Health Indicators Collaborative Workshop. Atlanta, GA. September 22-23, 2005.

Schumacher JR, **Malecki K,** Bekkedal YV, Werner M, Anderson H. Developing a Hazard Risk Score to Track the Disparate Burden of Pesticide Exposure: Environmental Public Health Tracking in Wisconsin. Oral Presentation at the Pesticides and Public Health Conference Sponsored by the United States Environmental Protection Agencies Pesticide Regulatory Education Program. Davis, CA. August 7-11, 2005.

**Malecki KC,** Pluymers D, Sieger T. Measuring *Healthiest Wisconsin 2010* Goals: Wisconsin's BEOH Environmental Health Indicators Project. Oral Presentation to the Wisconsin Division of Public Health's Expanded Central Management Team Meeting. Madison, WI. June 28, 2005.

**Malecki KC.** An Update on National Environmental Public Health Indicators and the State Environmental Health Indicators Collaborative (SEHIC). Oral Presentation. Council for State and Territorial Epidemiologists (CSTE) meeting. Albuquerque, NM. June 9, 2005.

**Malecki KC,** Schumacher JR, Bekkedal MY, Anderson H. The Potential for Exposure to Drinking Water Contaminants in Wisconsin. Oral Webex presentation to the Environmental Health Data Action Team (EHDAT). Madison, WI. June 8, 2005.

**Malecki KC,** Anderson H. Developing Wisconsin's Environmental Public Health Indicators. Poster Presentation. Council for State and Territorial Epidemiologists (CSTE) meeting. Albuquerque, NM. June 7, 2005.

Schumacher JR, **Malecki K,** Bekkedal YV, Werner M, Anderson H. Incorporating Environmental Public Health Indicators into Cumulative Risk Scores to Track the Disparate

Burden of Pesticide Exposure in Wisconsin. Oral Presentation. Centers for Disease Control and Prevention Environmental Public Health Tracking Webinar. May 2005.

Schumacher JR, **Malecki K**, Bekkedal YV, Werner M, Anderson H. Incorporating Environmental Public Health Indicators into Cumulative Risk Scores to Track the Disparate Burden of Pesticide Exposure in Wisconsin. Oral Presentation. National Environmental Public Health Tracking Conference. Atlanta, GA. April 2005.

Vanderslice J, **Malecki KC**, Kyle AB, Thomsen C. Overview of the State Environmental Health Indicators Collaborative (SEHIC). Oral Presentation at the National Environmental Public Health Tracking Conference. Atlanta, GA. April 2005.

**Malecki K**, Bekkedal MY, Werner M, Anderson H. Wisconsin Environmental Public Health Indicators Project: Developing a Comprehensive set of EPHI for Wisconsin. Oral Plenary Session Presentation. Center for Disease Control and Prevention. Environmental Public Health Indicators Workshop. San Francisco, CA. October 13, 2004.

Neff R, Burke TA, **Malecki KC**. A Framework for Strengthening the Role of Public Health at Contaminated Sites. Oral Presentation and Student Award Poster Presenter. American Public Health Association Annual Meeting. San Francisco, CA. October 2003.

Burke TA, **Malecki KC**. Introducing the Chesapeake Bay Health Indicators Project: Linking Ecological and Human Health. Oral Presentation. Health of the Bay - Health of People of the Bay, Restore America's Estuaries conference. The Center for a Livable Future, Johns Hopkins Bloomberg School of Public Health. Baltimore, MD. April 14, 2003.

**Chossek KM**. Results of the Chesapeake Bay Health Indicator Project. Oral Presentation to the Chesapeake Bay Health Indicators technical working group. Baltimore, MD. December, 2002.

Neff R, **Chossek K**, Tran NL. Mutual Distrust: Case Studies in Military-Community Relationships During Cleanup of Military Hazardous Waste Sites. American Public Health Association, Atlanta, GA. November 2001.

Tran NL, Shalauta N, Burke TA, **Chossek K**, Svin D, Fox M. Assessing Chemical Risks to Deployed Military Personnel. Annual Meeting of Society for Risk Analysis, Arlington, VA. December 3-6, 2000.

Litt JS, Burke TA, Tran NL, **Chossek K**, Neff R. The Environment and Public Health: A Look at the Nation's Ability to Track and Respond to Environmental Hazards, Exposures, and Health. Oral Presentation. Annual Meeting of the American Public Health Association. Boston, MA. November 12-16, 2000.

Litt JS, Burke TA, Tran NL, **Chossek K**, Neff R. Understanding Environmental Hazards, Exposures and Health Outcomes: An Examination Tracking Activities, Implementation and Data Needs. Oral Presentation. Annual Meeting of the American Public Health Association. Boston, MA. November 12-16, 2000.

## **Invited Talks 2019**

Mixtures Session, Chair and Keynote Speaker. *Bringing Precision to the Future of Environmental Breast Cancer Research*. BCERP 14<sup>th</sup> Annual Meeting, The American Hotel, Atlanta, GA. November 7-8, 2019.

*Systems Thinking Approaches to Environmental Health: Findings from the Survey of the Health of Wisconsin, Demographic Responses to Changes in the Natural Environment*. Center for Demography and Ecology Workshop. University of Wisconsin, Madison. Center for Demography and Ecology Workshop. October 24-25, 2019.

*The Survey of the Health of Wisconsin. Opportunities for Research*. Department of Population Health Sciences Monday Seminar. University of Wisconsin, Madison. September 23, 2019.

*The Survey of the Health of Wisconsin. Opportunities for Research and Collaboration*. The Chicago Center for Health and the Environment (CACHET). University of Illinois at Chicago (UIC). May 30, 2019.

*Environment, Diet and Mental Well-being, the Role of Inflammation and the Gut Micro-biome*. Bascom Hill Society. University of Wisconsin, Madison. March 19, 2019.

*From Microbes to Green Space, Findings from the Survey of the Health of Wisconsin*. University of Wisconsin, Milwaukee, Zilber School of Public Health. March 4, 2019.

*Environment and Breast Cancer Risk and Introduction to the Survey of the Health of Wisconsin*. Breast Cancer Research Advisory Network (BCRAN) Meeting. University of Wisconsin, Madison. January 9, 2019.

National Academies of Science and Medicine, Environment and Aging Workshop Proceedings Session Moderator and Summary Remarks. June 8-9, 2020 “Virtual” Washington, DC.

*Molecular Epidemiology and SHOW: Using Population Based Data to Advance Translational Research*. Cancer Biology Seminar Series, Department of Oncology, University of Wisconsin, Madison. September 16, 2020.

National Institute for Environmental Health Sciences (NIEHS), Environmental Epidemiology Branch. February 28, 2022

National Academies of Science and Medicine Future Casting Workshop. April 26-28, 2022

## **Media**

*UW Quarterly*- Fourth Quarter, 2021



<https://www.med.wisc.edu/media/medwiscedu/documents/quarterly/MS-885850-21-Quarterly-Vol-23-No-4.pdf>

Wisconsin Public Radio. Pandemic, Drug Crisis Shave Years Off Average US Life Expectancy. February 18, 2021

Associated Press. 2020. "Report: A Spike in Virus Cases Due to Election Could Extend Wisconsin's Stay-at-Home Order." *Channel3000.Com* (blog). April 9, 2020. <https://www.channel3000.com/a-spike-in-virus-cases-due-to-election-could-extend-wisconsins-stay-at-home-order-report-says/>.

USNEWS. Wisconsin to Conduct 2 Health Surveys to Track COVID-19. June 17, 2020, at 1:09 pm.

WSAW-TV State Announces Two New COVID-19 Research Efforts. June 17, 2020 at 6:56 pm (CST)

Wisconsin Public Radio. Research on Personalized Medicine May Help COVID-19 Treatments. July 20, 2020.

CBS News. No spike, but no certainty on fallout of Wisconsin election. May 7, 2020

WUWM (UW-Milwaukee Public Radio). Researcher Hopes a Long-Term Survey Helps Improve Health of Wisconsinites. March 15, 2019

## **TEACHING ACTIVITIES**

### **Classroom Teaching**

#### Primary Instructor

IPHS 401: Determinants of Health Cohort B (Fall 2023), UIC SPH

EOHS 401: Ethics and Justice in Environmental and Occupational Health (Fall 2023), UIC SPH

EOHS 402: Systems Thinking Approaches to Population Health (Spring 2023), UIC SPH

IPHS 595: Doctoral Seminar, Leadership (Fall 2022)

PUBLHLTH 793: Leadership in Public Health (Spring 2022)

PUBLHLTH 783: Quantitative Approaches to Public Health I (Fall 2020, Fall 2019; 44 Students)

METC SROP Summer Research Experience 2020

M&ENVTOX 801: The Scientist and Communication – Professional Writing  
(Summer 2017, 2018, 2019)

PHS 789: Introduction to Environmental Health: A Systems Thinking Approach  
(Spring 2015-2019; online course taught Fall 2014)

PHS 650: Special Topics in Environmental Epidemiology  
(Spring 2014, 2015)

PHS 650: Principles of Environmental Health for Public Health Practice  
(Spring 2011)

PHS 780: Public Health Principles and Practice  
(Fall 2009, 2010, 2011, 2012, 2013, 2014)

#### Curriculum Development

Tabular Data Analysis with R and Tidyverse for Environmental Health Data Analyses- SROP 2020  
<https://static-bcrf.biochem.wisc.edu/courses/Tabular-data-analysis-with-R-and-Tidyverse/book/Tabular-data-analysis-with-R-and-Tidyverse-NHANES-Environmental-Health-Datasets.pdf>

#### Guest Lecturer

Physiology 751 – Population Health Sciences and Aging Research (Fall 2020)

ENT 203 - Introduction to Global Health (Fall 2016, 2017)

PHS 370 – Introduction to Public Health (Environmental Section Lead) (Spring 2015-2021)

OBGYN 956: Research Ethics (Spring 2017-2021)

TOX626 – Introduction to Environmental Epidemiology and Risk Assessment (Spring 2017-2021)

PHS 471 - Introduction to Environmental Health (Spring 2016-2022)

LA 621 Designing Healthy Communities (Spring 2020-2021)

PHS 717: Fundamentals of Population Health Sciences (Fall 2013-2014)

PHS 780: Public Health Principles and Practice (Fall 2009-2014)

PHS 795: Introduction to Population Health Sciences (Fall 2012, 2013-2015, 2018-2022)

PHS 797: Introduction to Epidemiology (Fall 2007, 2008, 2014, 2015, 2017, 2018)

BIO 100: Environmental Health (Spring 2018)

PH762: Exposure Assessment – Introduction to Environmental Health (University of Wisconsin, Milwaukee) (Spring 2020)

### **Mentored Teaching**

(Note: **Bold** indicates chair of the committee.)

### **Graduate Students and Post-Docs**

<b>Name</b>	<b>My Role (Program)</b>	<b>Status (January 2020)</b>
<b>Catherine (Cat) Sulich</b>	PhD Advisor Environmental and Occupational Health Sciences	New Student Fall 2023
<b>Rachel Pomazol</b>	MS Advisor, Epidemiology, Department of Population Health Sciences	Completion May, 2023
<b>Natalie Levine</b>	MS Advisor Population Health Sciences Department of Population Health Sciences	New Student Fall 2020 MS Defense Spring 2022
<b>Rachel Pomazol</b>	PhD Advisor, Epidemiology, Department of Population Health Sciences	New Student Fall 2021
<b>Lauren Shuster Aquinos</b>	MS Advisor, Population Health Sciences Department of Population Health Sciences Advisor	New Student Fall 2020 MS Defense, October 2022
<b>Mele Avilla</b>	Postdoctoral Advisor	Began June, 2021 Complete June 2023

<b>Menna Teferra</b>	PhD Advisor, Molecular Environmental Toxicology Center (METC)	New student Fall 2020 Prelim Defense August, 2022
<b>Megan Agnew</b>	PhD Advisor, Epidemiology, Department of Population Health Sciences	New student Fall 2019 Qualifying Exam Summer 2020
<b>Lauren Schrader</b>	PhD Co-Advisor, PhD Physiology, Molecular Environmental Toxicology Center (METC)	Prelim Exam, June 2020 Final Defense October, 2022
Lisa Parlato	MS Committee Member, Population Health	New Student Fall 2020 MS Defense Spring 2022
Jessica Han	PhD Committee Member, Molecular and Cellular Biology	Prelim Defense Summer, 2021
Hannah Richerson	J.D., PhD Environment and Resources	Prelim Summer, 2022
Jessica Parrott	PhD Committee Member, METC	Prelim Exam, September 2020
Claudia Vredevelde	MS Committee Member, Population Health	Masters Committee, April 2021
Sarah Luongo	MS Committee Member, Population Health	Masters Committee, April 2021
Tyler Beames	PhD Committee Member, METC	Prelim Exam, August 2020
Kenneth Rivera- Conzalez	PhD Committee Member, METC	Prelim Exam, June 2020
Rouchong Dong	PhD Committee Member, Population Health	Prelim B, May 2020 Final Exam December 2021
Jennifer Bird	PhD Committee Member, Population Health	Prelim Exam, January 2020
Maria Kamanetsky	PhD Committee Member, Population Health	Prelim Exam, Fall 2019; Defense Spring 2022
<b>Mele Avilla</b>	PhD, Committee Member, METC	New student Fall, 2017

<b>Patrick Carney</b>	MD/PhD Committee Member, METC	Completed PhD 2020
Lisa Charron	PhD Committee Member, Urban Planning and Population Health, Nelson Institute for Environmental Studies	Qualifier February 2020
Hugh Rolland	PhD Committee Member, Nelson Institute for Environmental Studies, <i>Structural Drivers of Climate Change-Related Migration</i>	Qualifier May 2019 Final Defense December 2021
<b>Joni C Sedillo</b>	PhD Co-Mentor, Translational Environmental Health Sciences, METC	Graduate, December 2020
Rachel Wilson	PhD Committee Member, METC, <i>The Role of AHR in Developmental Biology</i>	Prelim, 2017 Graduate, Spring 2020
Jeremiah Yee	PhD Committee Member, METC, <i>Differential Depression by AhRR</i>	Prelim defended, October 2016 Graduate, Fall 2019
Patricia Jewitt	PhD Committee Member, Population Health, <i>Transportation, Disparities and Cancer Prevention</i>	Graduate, Summer 2018
Katie Mead	PhD Committee Member, Nursing, <i>Neighborhood Perception, Social Cohesion and Physical Activity Among Older Adults</i>	Prelim, May 2017 Graduate, Spring 2018
Yaidi Martinez+	PhD Committee Member, Urban Planning, <i>Getting In and Out of Housing in Wisconsin: Assessing Disparities, Overcoming Challenges</i>	Prelim, May 2017 Graduate, Fall 2019
<b>Shoshannah Eggers*</b>	PhD Advisor, Epidemiology, <i>Microbiome and Lead Exposures</i>	Graduate Spring/Summer 2018
<b>Unnur Gudnadottir</b>	PhD Advisor, Population Health	Spring 2018
<b>Amy Schultz**</b>	PhD Advisor, Population Health, minor Environmental Policy	Completed prelim Summer 2017, Graduate, Spring 2019
<b>Rissa Lane</b>	MS Advisor, Population Health	New student Fall 2017 Graduate, 2019
<b>Linn Jennings</b>	MS Thesis Co-Advisor, Committee Member	Graduate, Spring 2018
<b>Rachel Bergmans***</b>	PhD Advisor, Population Health	Graduate, Spring 2017 Post-Doc, University of Michigan School of Medicine, Department of Psychiatry
Jamee Castillo, MD	Scientific Advisory Committee Member, Allergy/Immunology Fellowship	Graduate, Spring 2017
<b>Heidi Busse</b>	PhD Advisor, Nelson Institute, <i>Evaluating Food Systems in Ethiopia</i>	Graduate, Spring/Summer 2016

<b>Maliya Lor</b>	Undergraduate McNair Scholar Mentee	Graduate, Spring 2016 Entered MPH program at UCLA
Jess Gorzelitz-Liebhauser	MS Thesis Committee Member	Defense, April 2016 Graduate, Spring/Summer 2016
<b>Amy Schultz</b>	MS Thesis Advisor	Graduate, Spring 2015 Defense, April 2015
Kaitlyn Booske	MS Thesis Committee Member, <i>Predictors of Mental Health Service Utilization by Adults with Depression or Anxiety Symptoms in the Survey of the Health of Wisconsin</i>	Graduate, Spring 2015 Defense, February 2015
<b>Shaini Kothari</b>	MS Thesis Advisor, <i>Examining the Association Between the Severity of Depression and Consumption of Sugar-Sweetened Beverages Among Participants of the Survey of Health of Wisconsin (SHOW) Study</i>	Defense, April 2014 Graduate, May 2014
<b>Erin Bergman</b>	MS Thesis Advisor <i>Predictors of Discordance between Perceived and Objective Neighborhood Data</i>	Defense, May, 2013 Graduate, Spring 2013
<b>Hannah Stern</b>	MS Thesis Co-Advisor <i>Maybe I Should?: Healthcare Practitioners Speak About Environmental Health</i>	Defense, December 2015 Graduate, Fall 2015
Debajana Chatterjee	PhD Committee Member, <i>Exposure to Fine Particulate Matter and Early Childhood Cognitive Functioning: Interaction with Maternal History of Stress and Neighborhood Level Risk Factors</i>	Defense, July 2014 Graduate, Summer 2014
Anne Roubal	PhD Thesis Committee Member, <i>The Food Environment and Health: Roles Fast Food and Fast Casual Restaurants and Farmers' Markets can Play</i>	Defense, May 2015
<b>Maggie Grabow</b>	PhD Thesis Committee Member, <i>Co-Benefits of Active Transportation</i> , Nelson Institute for Environmental Studies. Co-Advisor on (1) Developing an Active Transportation Index using Data from the Wisconsin Assessment of the Social and Built	Defense, April 2014 Graduate, May 2014

	Environment and (2) Perceived and Objective Environmental Predictors of Active Transportation, Findings from the Survey of the Health of Wisconsin.	
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- \* Received the Rankin/Skatrud Travel Award in 2015 and Pop Health Poster Award 2016
- \*\* Received APHA Student Poster Award, 2016
- + Primary mentor on use of SHOW data for urban health research.
- \*\*\* Climate Quest Sustainability Award: <http://www.news.wisc.edu/23536>

### UW Masters of Public Health Program - MPH

- \* Primary mentor on SHOW related MPH project

### Other Mentored/Student Teaching

Name	My role (program)	Status
<b>Judith Simcox</b>	Faculty Mentor, NIH BIRCHW program	Ongoing, 2020-2021
Hannah James	Bio 150, Microbiome	Undergraduate, PHS 150/699
Maliya Lor	McNair Student Mentor	Graduate, Spring 2016, Entered MPH program at UCLA
Elizabeth Corey	UWSMPH Triumph Student Faculty Mentor or Support	Using Data to Support Community Based Research in the Lindsay Heights Neighborhood (2013-2014)
Christopher Boyd	UWSMPH Triumph Student Faculty Mentor or Support	Environmental Health Indicators and the KK River Development in Milwaukee (2013-2015)
Paula Tran-Inzeo	PhD Student, Independent Study, Graduate Research Credit School for Human Ecology	Health Equity, Coalition Building and Psychological Empowerment, Findings from Community Transformation Grants, Spring 2014
<b>Renite Wilkes</b>	SHOW Student Intern, Kinesiology	Graduate, Spring 2013

<b>Marjory Givens</b>	T32 Health Disparities Postdoctoral Fellowship Mentor	2010-2012
<b>Ben Eppinger</b>	Shapiro Student Mentoring	Summer 2011
<b>Alexis Guzman</b>	Shapiro Student Mentoring	Summer 2011
Parker Hoerz*	Shapiro Student Mentoring	Summer 2011

\* APHA Student Poster Award Winner

## **UNIVERSITY SERVICE**

### **University of Wisconsin**

2021 Chair, University Wide Campus Diversity and Climate Committee

2021 Fall, UW VCRGE Grant Writing Boot Camp Co-Director

2013 - Present Faculty Senate

2018 - Present University Wide Campus Diversity and Climate Committee

2019 - Present VCRGE Social Sciences, Fall Competition Committee

### **School of Medicine and Public Health University of Wisconsin**

2021 Wisconsin Partnership Program, New Investigator Application Review Committee

2021- Present MSTP Training Program Admissions Committee

2021 CDHA Internal Advisory Committee

2019 - 2022 Health Disparities Research Scholars T32 Mentor

2016 - 2022 METC Training Grant Faculty

2017 - 2022 Grant Reviewer: UW-ICTR, Collaborative Center for Health Equity; AHEAD GRANT Scholarships, Prevention Research Center (2021)

2018 – 2022 T32 Post-Doctoral Fellowship in Health Disparities Research School of Medicine and Public Health

2018 - 2022 T32 Nutritional Sciences Post-Doc



2019 - 2022	ICTR Grant Review – TL1 Scholar, Community Translation
2012 - 2022	Master of Public Health Curriculum Committee
2017 – 2022	Master of Public Health Curriculum Transformation Committee

**Departmental (Population Health Sciences) University of Wisconsin**

2021-2022	Chair, Master of Public Health Curriculum Committee
2017 – 2022	Master of Public Health Curriculum Transformation Committee
2016 - 2019	Department of Population Health Sciences Curriculum Committee (Chair, 2018-2019 Academic Year)
2009 –2022	PHS and Epidemiology Admissions Committee
2019 – 2021	Student Review Committee
2021	T32 Center for Demography Health and Aging Advisory Committee

**PROFESSIONAL SERVICE**

**National/International**

2013 – Present	Grant Reviewer, National Institutes of Health (NIH) NIEHS Special Emphasis Study Sections (2013 – 2018, 2023) NIEHS U24 Infrastructure Grant Review (2023) NIEHS P30 Center Grant Review (2023) NIMHD Special Study Section (2017, 2019, 2020, 2023)
2023	Chair, National Academies of Science and Medicine, Workshop Planning Committee, East Palestine Train Derailment, Meeting November 6-7
2022	Chair, National Academies of Science and Medicine, Standing Committee, The Use of Emerging Science for Environmental Health Decisions, Washington, DC, Nomination and Appointment, December 2020
2021	Faculty Review, University of Vermont
2020- Present	National Academies of Science and Medicine, Standing Committee, The Use of Emerging Science for Environmental Health Decisions, Washington, DC, Nomination and Appointment, December 2020

2020	National Academies of Science and Medicine, Environment and Aging Workshop Proceedings Reviewer, June 8-9, “Virtual,” Washington, DC
2020	National Academies of Science and Medicine, Environment and Aging Workshop Planning Committee, June 8-9, “Virtual,” Washington, DC
2020	NIMHD Specialized Centers of Excellence on Environmental Health Disparities Research (P50 Clinical trial Optional), Special Emphasis Panel Meeting, March 10-12, 2020
2019-2022	NIEHS Standing Study Section, National Institute of Health Sciences, Environmental Health Sciences Review Committee
2019	Breast Cancer and the Environment Research Conference Planning Committee, November 11-13, 2019
2019 - 2020	Interdisciplinary Association of Population Health Sciences Policy Planning Committee
2009 - 2017	Council for State and Territorial Epidemiologists Applied Epidemiology Fellowship Applicant Review

### **Ad-hoc Manuscript Reviewer**

*American Journal of Epidemiology*  
*American Journal of Preventive Medicine*  
*American Journal of Public Health*  
*American Journal of Respiratory and Critical Care Medicine*  
*PLOS-One*  
*BMC Public Health*  
*BMJ Open*  
*Cancer*  
*Clinical Medicine and Research*  
*Clinical Nutrition*  
*Environmental Health Perspectives*  
*Environmental Research*  
*Environmental Science and Technology*  
*Environment International*  
*Frontiers in Aging Neuroscience*  
*International Journal of Environmental Research and Public Health*  
*International Journal of Minority Health*  
*Journal of Exposure Science and Environmental Epidemiology*  
*Journal of Public Health Management and Practice*

*Journal of Urban Health*  
*PLOS*  
*Preventive Medicine*  
*Proteome*  
*Risk Analysis*  
*Sleep*  
*Science of the Total Environment*  
*Sustainable Cities and Society*  
*Wisconsin Medical Journal*  
*Sustainability*  
*Nutrition*  
*Journal of Community Health Promotion*  
**Associate Editor**  
*Frontiers in Aging Neuroscience*  
*Frontiers Environmental Health*