

Curriculum Vitae

Kristen MC Malecki

Personal Data

University of Wisconsin, Madison
School of Medicine and Public Health
Department of Population Health Sciences
610 N. Walnut Street Rm. 605
Madison, WI 53726

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Education

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

Present Appointment/Position

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| 2013 – 2019 | Associate Professor, Department of Population Health Sciences, School
of Medicine and Public Health, University of Wisconsin-Madison.
Madison, WI |
| | Director, Survey of the Health of Wisconsin (SHOW). University of
Wisconsin-Madison. Madison, WI |

Faculty Affiliations

University of Wisconsin Molecular Environmental Toxicology Center

University of Wisconsin Carbone Cancer Center Member

UWCCC Cancer Health Disparities Initiative Faculty

UW ICTR/Collaborative Center for Health Equity Faculty

UW Center for Demography and Ecology

UW Center for Demography, Health and Aging

Past Appointments/Positions

- 2013 – 2019 Assistant Professor, Department of Population Health Sciences, School of Medicine and Public Health, University of Wisconsin-Madison. Madison, Wisconsin
- 2011 - 2012 Assistant Professor (CHS, Non-Tenure Track), Department of Population Health Sciences, School of Medicine and Public Health, University of Wisconsin-Madison. Madison, Wisconsin
- 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

Professional Society Memberships

- 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

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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

Grant Support

WPP4444 (Malecki) calendar Wisconsin Partnership Program Survey of the Health of Wisconsin (SHOW)	07/01/2019 – 06/30/2020	3.00 \$1,400,000
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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.

R21AI142481 (Malecki) calendar NIH/NIAID Obesity, Toll-Like Receptors, and Human Sensitivity to the Environment	06/28/2019 – 05/31/2021	1.20 \$232,375
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This research will advance our understanding on how obesity makes people more sensitive to their environment and more vulnerable to infections and will help inform new prevention and treatment strategies.

U01ES026127 (Trentham-Dietz) calendar NIH/NIEHS Coordinating Center for the Breast Cancer and the Environment Research Program	09/30/2015 – 06/30/2020	1.20 \$4,309,138
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The overarching goal of the Coordinating Center at the University of Wisconsin Carbone Cancer Center is to support transdisciplinary 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.

R25ES020720 (Bradfield)	05/01/2017 – 04/30/2022	0.24
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calendar
 NIH/NIEHS \$286,623
 Molecular and Environmental Toxicology Summer Research Opportunities Program (MET-SROP)

The major goal of this project is to increase the exposure of the targeted undergraduate populations to the possibility of scientific careers in the Environmental Health Sciences.

Contract (Malecki) 09/15/2018 – 09/14/2019 0.36
 calendar
 Wisconsin Department of Health Services \$298,984
 BEOH Great Lakes Restoration Initiative Sport Fish Consumption Research

The goal of this project is to fund outreach initiatives and epidemiologists to develop, coordinate, and implement program activities.

UL1TR002373 (Drezner) 09/21/2017 – 06/30/2022 1.20
 calendar
 NIH/NCATS \$4,277,801
 (not senior/key)
 Institutional Clinical AND Translational Science Award
 CTR Core Hub Research Capacity, Integrating Special Populations, to enhance recruitment and increase cross-sectional and longitudinal clinical research across the lifespan, including underrepresented populations.

R01ES026819 (Lipinski) 09/01/2017 – 08/31/2022 0.60
 calendar Yr4
 NIH/NICHD \$250,000 1.20
 calendar Yr5
 Developmental toxicity of pesticide synergist/Hedgehog inhibitor PBO
 This project examines the effects of piperonyl butoxide on embryonic development of the brain and face, particularly in relation to structural birth defects and neurobehavioral disorders.

UWCCC Pilot (Malecki) 04/01/18 - 06/30/20 N/A
 University Carbone Cancer Center Pilot \$25,000
 Residential Mobility and History in Rural Cancer Health Disparities

ACS-IRG/UWCCC Pilot (Malecki) 07/01/17 - 06/30/20 N/A
 American Cancer Society Internal Grants (UWCCC) Pilot \$50,000
 Aryl-hydrocarbon receptor (AhR) response and cancer health disparities.

Pending

R34DA050270 (Zgierska) 10/01/2019 – 03/31/2021 0.12
 calendar
 NIH/NIDA \$535,625
 1/3 Promoting Resilience in Children: Protocol Development for a Birth Cohort Study To Assess Factors Impacting Neurodevelopment

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The goal of this project is to develop protocols for recruitment, engagement and evaluation of brain and cognitive development over the first ten years of life in children, and investigate the impacts of substance and other environmental exposures.

R34DA050258 (Alexander) 10/01/2019 – 03/31/2021 0.00
calendar
NIH/NIDA \$542,500
3/3; Promoting resilience in children: Protocol Development for a Birth Cohort Study to Access Factors Impacting Neurodevelopment

R34DA050263 (Ossorio) 10/01/2019 – 03/31/2021 0.00
calendar
NIH/NIDA \$532,600
2/3; Promoting resilience in children: Protocol Development for a Birth Cohort Study to Access Factors Impacting Neurodevelopment

These linked projects are essential to address the major challenges with the planned national HEALTHy Brain and Cognitive Development (HBCD) study and will leverage a highly collaborative, multidisciplinary team; leading-edge neuroimaging techniques; and outstanding institutional resources.

R01AG061080 (Malecki) 09/01/18—8/31/23 2.40 cal
NIH/National Institute of Aging (NIA)
Researching Epigenetics, Weathering, Aging and Residential Disadvantage (REWARD)
SCORE: 3.2; 19th%tile

Major Past Awards

WPP2858 (Cryns) 07/01/2014 – 06/30/2019 0.60 cal
Wisconsin Partnership Program \$1,500,000
Wisconsin Obesity Prevention Initiative
Role: Co-I

WPP3086 (Drezner) 07/01/2015 – 03/31/2019 0.60 cal
Wisconsin Partnership Program \$302,086
Collaborative Center for Health Equity Administration
Role: Co-I

Contract (Malecki) 09/15/2017 – 09/14/2018 0.36 cal
Wisconsin Department of Health Services \$252,055
BEOH Great Lakes Restoration Initiative Sport Fish Consumption Research

Contract (Malecki) 07/01/2017 – 06/30/2018 0.12 cal
Wisconsin Department of Health Services \$78,750
Biomonitoring Legacy and Emerging Great Lakes Contaminants in Susceptible Great Lakes Populations

UW Graduate School (Malecki, Schauer) 07/01/16-6/30/17 0.00 cal

UW Graduate School \$40,979

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

WPP2858 (PI- Adams) 07/01/2014 – 06/30/2017 1.20 cal
Wisconsin Partnership Program
Wisconsin Obesity Prevention Initiative

PRJ56RV - WPP2309 (PI- Nieto) 03/01/2012-08/31/2015 3.6 cal
Wisconsin Partnership Program \$1,400,000
Survey of the Health of Wisconsin
Role: Co-Director, Co-Investigator

PRJ68QH (PI- Bradfield) 01/01/2013-06/30/2014 1.20 cal
Wisconsin Partnership Program
Environmental Health Center Strategic Planning Grant
Role: Co-Investigator, primary PI for the SHOW components

PRJ41BS - RC2 HL101468 (PI- Nieto) 09/30/2009-07/31/2012 2.4 cal
NIH, NHLBI
Novel Population Health Approach to Address CVD and Pulmonary Health Disparities.
Role: Co-Investigator

Publications

Refereed Articles

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

1. Tsai, WL, Zhou, y, Yngve, L., Bersch A, Beyer K, **Malecki K**, Jackson, L. Street Level Neighborhood Greenery Linked to Active transportation: A Case Study in Milwaukee and Green Bay Wisconsin. *Landscape and Urban Planning*. Accepted for Publication July, 2019.
2. Gudnadottir U, Cadmus-Bertram L, Spicer A, Gorzelitz J, **Malecki K**. The relationship between occupational physical activity and self-reported vs measured total physical activity. *Prev Med Rep*. 2019 Jun 10;15:100908. doi: 10.1016/j.pmedr.2019.100908. eCollection 2019 Sep. PMID: 31297308
3. Schultz AA, Peppard P, Gangnon RE, **Malecki KMC**. Residential proximity to concentrated animal feeding operations and allergic and respiratory disease. *Environ Int*. 2019 Jun 22;130:104911. doi: 10.1016/j.envint.2019.104911. [Epub ahead of print] PMID: 31238264
4. Cadmus-Bertram LA, Gorzelitz JS, Dorn DC, **Malecki KMC**. Understanding the physical activity needs and interests of inactive and active rural women: a cross-sectional study of barriers, opportunities, and intervention preferences. *J Behav Med*. 2019 Jun 13. doi: 10.1007/s10865-019-00070-z. [Epub ahead of print] PMID: 31197537
5. Jennings L, Barcelos C, McWilliams C, **Malecki K**. Inequalities in lesbian, gay, bisexual, and transgender (LGBT) health and health care access and utilization in Wisconsin. *Prev Med Rep*.

2019 Apr 1;14:100864. doi: 10.1016/j.pmedr.2019.100864. eCollection 2019 Jun. PMID: 31011518

6. Gorzeltz-Liebhauser J, Peppard P, **Malecki KCM**, Gennuso K, Nieto FJ, Cadmus-Bertram L. Predictors of discordance in self-reported versus accelerometer physical activity reporting in adults Ann Epidemiol. 2018 Jul;28(7):427-431. doi: 10.1016/j.annepidem.2018.03.016. Epub 2018 Mar 30.
7. Johnson BS, **Malecki KM**, Peppard PE, Beyer KMM: Exposure to neighborhood green space and sleep: evidence from the Survey of the Health of Wisconsin. *Sleep Health* 2018, **4**(5):413-419.
8. Eggers S, **Malecki KMC**, Peppard P, Mares J, Shirley D, Shukla SK, et al. The Wisconsin Microbiome Study, a cross-sectional investigation of dietary fiber, microbiome composition, and antibiotic-resistant organisms: Rationale and methods. *BMJ Open*. 2018. **8**(3): p. e019450.
9. Nikodemova M, Yee J, Carney PR, Bradfield CA, **Malecki KM**. Transcriptional differences between smokers and non-smokers and variance by obesity as a risk factor for human sensitivity to environmental exposures. *Environ Int*. 2018;113:249-58.
10. **Malecki KMC**, Schultz AA, Bergmans RS. Neighborhood perceptions and cumulative impacts of low level chronic exposure to fine particular matter (PM2.5) on cardiopulmonary health. *Int J Environ Res Public Health*. 2018;15(1).
11. Darst B, **Malecki KC**, Engelman CD. Using recursive feature elimination in random forest to account for correlated variables in high dimensional data. Genetic Analysis Workshop 20. *BMC Genetics*. In press 2018.
12. Jewett PI, Gangnon RE, Elkin E, Hampton JM, Jacobs EA, **Malecki K**, La Gro J, Newcomb PA, Trentham-Dietz A. Geographic access to mammography facilities and frequency of mammography screening. *Ann Epidemiol*. 2018;28(2):65-71 e2.
13. Eggers S, Safdar N, **Malecki KM**. Heavy metal exposure and nasal *Staphylococcus aureus* colonization: analysis of the National Health and Nutrition Examination Survey (NHANES). *Environ Health*. 2018;17(1):2.
14. Bergmans RS, Palta M, Robert SA, Berger LM, Ehrental DB, **Malecki KM**. Associations between food security status and dietary inflammatory potential within lower-income adults from the United States National Health and Nutrition Examination Survey, Cycles 2007 to 2014. *J Acad Nutr Diet*. 2018.
15. Bergmans RS, Berger LM, Palta M, Robert SA, Ehrental DB, **Malecki K**. Participation in the Supplemental Nutrition Assistance Program and maternal depressive symptoms: Moderation by program perception. *Soc Sci Med*. 2018;197:1-8.
16. Schultz AA, Schauer JJ, **Malecki KM**. Allergic disease associations with regional and localized estimates of air pollution. *Environ Res*. 2017;155:77-85.

17. **Malecki KMC**, Schultz AA, Severtson DJ, Anderson HA, VanDerslice JA. Private-well stewardship among a general population based sample of private well-owners. *Sci Total Environ.* 2017;601-602:1533-43.
18. Bergmans RS, **Malecki KM**. The association of dietary inflammatory potential with depression and mental well-being among U.S. adults. *Prev Med.* 2017;99:313-9.
19. Saiz AM, Jr., Aul AM, **Malecki KM**, Bersch AJ, Bergmans RS, LeCaire TJ, et al. Food insecurity and cardiovascular health: Findings from a statewide population health survey in Wisconsin. *Prev Med.* 2016;93:1-6.
20. Ryan K, Pillai P, Remington PL, **Malecki K**, Lindberg S. Development of an Obesity Prevention Dashboard for Wisconsin. *WMJ.* 2016;115(5):224-7.
21. Martinez-Donate AP, Espino JV, Meinen A, Escaron AL, Roubal A, Nieto J, **Malecki K**. Neighborhood disparities in the restaurant food environment. *WMJ.* 2016;115(5):251-8.
22. Frederick L, VanDerslice J, Taddie M, **Malecki K**, Gregg J, Faust N, et al. Contrasting regional and national mechanisms for predicting elevated arsenic in private wells across the United States using classification and regression trees. *Water Res.* 2016;91:295-304.
23. Eggers S, Remington PL, Ryan K, Nieto J, Peppard P, **Malecki K**. Obesity prevalence and health consequences: Findings from the Survey of the Health of Wisconsin, 2008-2013. *WMJ.* 2016;115(5):238-44.
24. Christensen KY, Thompson BA, Werner M, **Malecki K**, Imm P, Anderson HA. Levels of persistent contaminants in relation to fish consumption among older male anglers in Wisconsin. *Int J Hyg Environ Health.* 2016;219(2):184-94.
25. Beyer KM, **Malecki KM**, Hoormann KA, Szabo A, Nattinger AB. Perceived Neighborhood quality and cancer screening behavior: Evidence from the Survey of the Health of Wisconsin. *J Community Health.* 2016;41(1):134-7.
26. Dykema J, Jaques K, Cyffka K, Assad N, Hammers RG, Elver K, **Malecki KC**, Severson J. Effects of sequential prepaid incentives and envelope messaging in mail surveys. *Public Opin Quart.* 2015;79(4):906-31.
27. Shin JI, Bautista LE, Walsh MC, **Malecki KC**, Nieto FJ. Food insecurity and dyslipidemia in a representative population-based sample in the US. *Prev Med.* 2015;77:186-90.
28. Martinez-Donate AP, Riggall AJ, Meinen AM, **Malecki K**, Escaron AL, Hall B, Menzies A, Garske G, Nieto FJ, Nitzke A. Evaluation of a pilot healthy eating intervention in restaurants and food stores of a rural community: a randomized community trial. *BMC Public Health.* 2015;15:136.
29. **Malecki K**, Wisk LE, Walsh M, McWilliams C, Eggers S, Olson M. Oral health equity and unmet dental care needs in a population-based sample: findings from the Survey of the Health of Wisconsin. *Am J Public Health.* 2015;105 Suppl 3:S466-74.

30. Litzelman K, Skinner HG, Gangnon RE, Nieto FJ, **Malecki K**, Witt WP. The relationship among caregiving characteristics, caregiver strain, and health-related quality of life: evidence from the Survey of the Health of Wisconsin. *Qual Life Res.* 2015;24(6):1397-406.
31. Laxy M, **Malecki KC**, Givens ML, Walsh MC, Nieto FJ. The association between neighborhood economic hardship, the retail food environment, fast food intake, and obesity: Findings from the Survey of the Health of Wisconsin. *BMC Public Health.* 2015;15:237.
32. Givens ML, **Malecki KC**, Peppard PE, Palta M, Said A, Engelman CD, et al. Shiftwork, sleep habits, and metabolic disparities: Results from the Survey of the Health of Wisconsin. *Sleep Health.* 2015;1(2):115-20.
33. Christensen KY, Thompson BA, Werner M, **Malecki K**, Imm P, Anderson HA. Levels of nutrients in relation to fish consumption among older male anglers in Wisconsin. *Environ Res.* 2015;142:542-8.
34. Christensen K, Werner M, **Malecki K**. Serum selenium and lipid levels: Associations observed in the National Health and Nutrition Examination Survey (NHANES) 2011-2012. *Environ Res.* 2015;140:76-84.
35. Uejio CK, Yale SH, **Malecki K**, Borchardt MA, Anderson HA, Patz JA. Drinking water systems, hydrology, and childhood gastrointestinal illness in Central and Northern Wisconsin. *Am J Public Health.* 2014;104(4):639-46.
36. **Malecki KC**, Engelman CD, Peppard PE, Nieto FJ, Grabow ML, Bernardinello M, Bailey E, Bersch A, Walsh MC, Lo JY, Martinez-Donate A. The Wisconsin Assessment of the Social and Built Environment (WASABE): A multi-dimensional objective audit instrument for examining neighborhood effects on health. *BMC Public Health.* 2014;14:1165.
37. Litzelman K, Skinner HG, Gangnon RE, Nieto FJ, **Malecki K**, Witt WP. Role of global stress in the health-related quality of life of caregivers: evidence from the Survey of the Health of Wisconsin. *Qual Life Res.* 2014;23(5):1569-78.
38. Guerrero N, Walsh MC, **Malecki KC**, Nieto FJ. Urban-rural and regional variability in the prevalence of food insecurity: the survey of the health of Wisconsin. *WMJ.* 2014;113(4):133-8.
39. Cofino R, Prieto M, Suarez O, **Malecki K**. The art of drawing numbers and stories in the air: epidemiology, information, emotion and action. *J Epidemiol Community Health.* 2014;68(12):1109-11.
40. Che J, **Malecki KC**, Walsh MC, Bersch AJ, Chan V, McWilliams CA, Nieto FJ. Overall prescription medication use among adults: findings from the Survey of the Health of Wisconsin. *WMJ.* 2014;113(6):232-7; quiz 8.
41. Beyer KM, Kaltenbach A, Szabo A, Bogar S, Nieto FJ, **Malecki KC**. Exposure to neighborhood green space and mental health: evidence from the Survey of the Health of Wisconsin. *Int J Environ Res Public Health.* 2014;11(3):3453-72.

42. Bailey EJ, **Malecki KC**, Engelman CD, Walsh MC, Bersch AJ, Martinez-Donate AP, Peppard PE, Nieto FJ. Predictors of discordance between perceived and objective neighborhood data. *Ann Epidemiol*. 2014;24(3):214-21.
43. Said A, Gagovic V, **Malecki K**, Givens ML, Nieto FJ. Primary care practitioners survey of non-alcoholic fatty liver disease. *Ann Hepatol*. 2013;12(5):758-65.
44. Hale L, Hill TD, Friedman E, Nieto FJ, Galvao LW, Engelman CD, **Malecki KC**, Peppard P. Perceived neighborhood quality, sleep quality, and health status: Evidence from the Survey of the Health of Wisconsin. *Soc Sci Med*. 2013;79:16-22.
45. VanWormer JJ, Greenlee RT, McBride PE, Peppard PE, **Malecki KC**, Che J, Nieto FJ. Aspirin for primary prevention of CVD: are the right people using it? *J Fam Pract*. 2012;61(9):525-32.
46. Guzman A, Walsh MC, Smith SS, **Malecki KC**, Nieto FJ. Evaluating effects of statewide smoking regulations on smoking behaviors among participants in the Survey of the Health of Wisconsin. *WMJ*. 2012;111(4):166-71; quiz 72.
47. Nieto FJ, Peppard PE, Engelman CD, McElroy JA, Galvao LW, Friedman EM, Bersch AJ, **Malecki KC**. The Survey of the Health of Wisconsin (SHOW), a novel infrastructure for population health research: rationale and methods. *BMC Public Health*. 2010;10:785.
48. English PB, Sinclair AH, Ross Z, Anderson H, Boothe V, Davis C, Ebi K, Kagey B, **Malecki KC**, Shultz R, Simms E. Environmental health indicators of climate change for the United States: findings from the State Environmental Health Indicator Collaborative. *Environ Health Perspect*. 2009;117(11):1673-81.
49. Bekkedal MYV, **Malecki KM**, Werner MA, Anderson HA. Using a partnership barometer to evaluate environmental public health tracking activities. *J Public Health Man*. 2008;14(6):592-5.
50. **Malecki KC**, Resnick B, Burke TA. Effective environmental public health surveillance programs: a framework for identifying and evaluating data resources and indicators. *J Public Health Manag Pract*. 2008;14(6):543-51.
51. Athens J, Bekkedal M, **Malecki K**, Anderson H, Remington PL. Measuring the environmental health of Wisconsin's counties. *WMJ*. 2008;107(4):169-75.
52. Dreyling E, Dederick EJ, Chari R, Resnick B, **Malecki KC**, Burke T. Tracking health and the environment: A pilot test of environmental public health indicators. *J Environ Health*. 2007;70(5):9-16, 38, 40; quiz 1-2.
53. **Malecki KC**, Bekkedal M, Hanrahan L, Stephenson L, Werner M, Anderson HA. Linking childhood cancer with potential environmental exposure determinants. *WMJ*. 2006;105(2):32-5.
54. Bekkedal M, Sipsma K, Stremski ES, **Malecki KC**, Anderson HA. Evaluation of five data sources for inclusion in a statewide tracking system for accidental carbon monoxide poisonings. *WMJ*. 2006;105(2):36-40.

55. Litt J, Tran N, **Malecki KC**, Neff R, Resnick B, Burke T. Identifying priority health conditions, environmental data, and infrastructure needs: a synopsis of the Pew Environmental Health tracking project. *Environ Health Perspect.* 2004;112(14):1414-8.

Manuscripts In Press or Under-Development (Select)

Malecki KCM, Peppard P, Bersch A, Nieto FJ. Discrimination and Cardiovascular Health. Submitted to *Journal of American Heart Association*.

Yee J, Bradfield C., Nikodemova, M, Carney P, **Malecki K**. Human Variability in the Aryl-Hydrocarbon Receptor Response Pathway. Under Development

Policy and Technical Reports/Other Publications

Yang A**; Olson, MA. The Oral Health of Wisconsin's Adults, 2015. Wisconsin Oral Health Program, Wisconsin Department of Health Services. P-01074 (Rev. 03/2016) **Malecki, SHOW PI; CSTE Fellow

Schultz, A*, **Malecki K**. Reducing Health Risks from Groundwater: Estimating Private Well Testing Behaviors and Barriers among Private Well Owners in Wisconsin, 2015. Report to the Groundwater Coordinating Council. Department of Natural Resources Grant #221. October 15, 2015.

Vanderslice J, Johnson W, **Malecki K**, Taddie M, Gregg J, Frederick L, Faust N, Darrington A, Whiting M. Development of National Screening and Site-specific Landscape Regression Models to Identify Areas with High Likelihood of Private Well Contamination. Broad Agency Announcement 2013-N-15056. March 15, 2105.

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

WI Department of Health and Family Services, Bureau of Environmental and Occupational Health (**Malecki, K**). The State of Environmental and Occupational Health in WI 2007. On-line publication. October, 2007

Malecki K, Bekkedal M, Knobeloch L, Pluymers D, Sieger T, Werner W, Anderson H, Wisconsin Environmental Public Health Indicators (EPHI) Project: Developing a Comprehensive Set of EPHI for Wisconsin. Sample Template Prepared for CDC/NCEH Environmental Public Health Tracking Workshop. Presented. October 12, 2004

Malecki KC, Walker P, Burke, TA. The Chesapeake Bay Health Indicators Project: Linking Ecological and Human Health. Johns Hopkins Bloomberg School of Public Health Department of Health Policy and Management. May, 2004

Neff R, Burke TA, Tran NL, **Malecki KC**. "Strengthening the Role of Environmental Public Health Prevention, Evaluation, and Response at Contaminated Air Force Bases." Johns Hopkins University Bloomberg School of Public Health, Department of Health Policy and Management. 2003

Burke TA, Tran NL, Litt JS, Apelberg BJ, **Chossek K**. "America's Environmental Health Gap: Why the Country Needs a Nationwide Health Tracking Network." Final Report prepared for the Pew Environmental Health Commission, Baltimore, MD, September, 2000

Tran NL, Burke TA, Shalauta NL, **Chossek K**, Sivin D, Fox M. "Methodology for Environmental Health Risk Assessment of Operational Significance (MEHRAOS), Tier II." Final Report prepared for the Defense Intelligence Agency Environmental Health Branch at the Armed Forces Medical Intelligence Center (AFMIC), Fort Detrick, MD; June, 1999.

Abstracts

UW

Eggers S, Skarlupka J, Kates A, Suen G, Peppard P, Kanarek M, Sethi AK, Safdar M, **Malecki K**. Urinary Lead Concentration and its Association with the Composition of the Adult Gut Microbiota. Poster Presentation. Madison Microbiome Meeting. Wisconsin Institute for Discovery, University of Wisconsin Madison. Madison, WI. April 23, 2018.

Sethi AJ, Schultz A, Holshausen E, Nikodemova M, Gangnon R, Mares J, Suen G, Safdar N, Shukla S, LeCaire TJ, Peppard PE, **Malecki K**. The SHOW Population-based Microbiome Research Core. Poster presentation: Madison Microbiome Meeting. Wisconsin Institute for Discovery, University of Wisconsin Madison. Madison, WI. April 23, 2018.

Sethi AJ, Schultz A, Holshausen E, Nikodemova M, Gangnon R, Mares J, Suen G, Safdar N, Shukla S, LeCaire TJ, Peppard PE, **Malecki K**. The SHOW Population-based Microbiome Research Core. Poster presentation: Population Health Sciences Welcome Day Poster Session, Madison, WI; April, 2018.

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. NOTE: Winner of Catherine Allen Memorial Award for Best PHS Student Poster.

National

U. Gudnadottir, K. Beyer, L. Cadmus-Bertram, M. Palta, P. Peppard, **K. Malecki**. Residential Self-Selection Interactions with Social Class and Crime as Predictors of Neighborhood Walkability, and Active Transport, Active Living Research Conference. South Carolina, February 15-18, 2019.

Tsai, W., Yngve L, Beyer K, Malecki KM, Jackson, L. Greenery Along Neighborhood Roads Linked to BMI and Physical Activity Across Four Diverse Communities. Oral Presentation. Accepted for presentation at the A Community on Ecosystem Services Conference, Washington D.C.; December 3-6, 2018.

Cadmus-Bertram L, Gorzelitz J, Malecki K, Mead K. Physical activity barriers, attitudes, and intervention preferences in rural women. Oral Presentation. American Public Health Association, San Diego, CA. November 10-14, 2018.

Braun EJ, Wise ME, LeCaire TJ, Malecki K, Peppard P, Buttigieg E, Schmuhl NB, Macco M,

Brown HW: But Why? Reasons behind Preferences Regarding Community-Based Continence Promotion. Oral Presentation. Accepted for Presentation at the American Public Health Association, San Diego, CA. November 10-14, 2018.

***Cancel Martinez Y**, Morales A, Malecki K. What do Reported Experiences of Housing Discrimination Tell us about Segregation and Disparities in Mental Health Outcomes? A socio-spatial Analysis of the Milwaukee MSA, 2009-2013. Oral Presentation. Accepted for presentation at the Association of Collegiate Schools of Planning (ACSP) Conference. Buffalo, NY; October 28, 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.

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, Sethi AK, Peppard P, Suen G, Kanarek M, Malecki K. Lead (Pb), the Gut Microbiota, and Colonization by Antibiotic Resistant Bacteria (ARB). Oral Presentation: Meinig School of Biomedical Engineering, Cornell University, Ithaca, NY; August 22, 2018.

Eggers S, Safdar N, Sethi AK, Peppard P, Malecki K. Urinary Lead Level and Gut Colonization by Antibiotic Resistant Bacteria: Evidence from a Population-Based Study. Poster presentation: Society for Epidemiologic Research Annual Meeting., Baltimore, MD; June 20, 2018.

***Eggers S**, Safdar N, Sethi AK, Peppard P, Suen G, Kanarek M, Malecki K. Lead (Pb), the Gut Microbiota, and Multi-Drug Resistant Organism (MDRO) Colonization. Oral Presentation: Institute for Genome Science, University of Maryland School of Medicine. Baltimore, MD; May 30, 2018.

Cadmus-Bertram L, Gorzelitz J, **Malecki K**, Mead K. Mixed-methods assessment of physical activity beliefs, attitudes, and needs among rural Wisconsin women. Wisconsin Public Health Association, Green Bay, WI. May 21-24, 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>

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 24-26th, 2017. Abstract published in *Annals of Epidemiology* 27 (8), 527.

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Muenke M, Kruska P, Addissie Y, Troia A, Kozei BA, Everson J, **Malecki K**, Lipinski R. Gene-Environment Interactions in Holoprosencephaly. Oral Presentation. 57th Annual Teratology Meeting, Denver CO; June 24-26th, 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 144th 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 144th Annual Meeting & Exposition of the American Public Health Association, Denver, CO; October 31, 2016, NOTE: APHA ENVIRONMENTAL STUDENT POSTER AWARD RECIPIENT

Bergmans R, Berger L, Palta P, Roberts S, Ehrental 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 144th Annual Meeting & Exposition of the American Public Health Association, Denver, CO; October 30, 2016.

M Muenke, Kruska P, Addissie, Y, Everson JL, **Malecki K**, and RJ Lipinski. Gene-environment interactions in holoprosencephaly. Abstract and platform presentation. 37th Annual David W Smith Workshop on Malformations and Morphogenesis. Lake Arrowhead, CA.; September 9-14, 2016.

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, 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.

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 143rd Annual Meeting & 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 the 6th 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.

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, D.C.; 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, Glysck 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 15-19th, 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 15-19th, 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 15-19th, 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.

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, 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 Epidemiologist (CSTE) Annual Meeting. Pasadena, CA; June, 2013.

International

Tsai, W., Yngve L, Beyer K, A. Bersch, **Malecki KM**, Jackson, L. How Robust Are Relationships Between Street Greenery and Fitness Measures Across Diverse Communities? World Conference on Forests for Public Health. Oral Presentation 2.4 – Urban Forestry and Green Space Planning and Design for Physical Activity. Athens Greece, May 10, 2019.

Malecki KM. Urban and rural differences between chemical and social environmental risk factors and population health, the importance of context. Abstract ID#: 3001088 International Society for Environmental Epidemiology (ISEE). Ottawa, Alberta, Canada; August 26-30, 2018.

Malecki KM., Nikodemova M, Yee J, Carney P, Bradfield C. Measuring the Responsome:

Transcriptional differences in mRNA expression by smoking status and obesity as biomarkers for human sensitivity to environmental exposures. Abstract ID#: 2999851 International Society for Environmental Epidemiology (ISEE). Ottawa, Alberta, Canada; August 26-30, 2018.

Eggers S., Safdar N, **Malecki KM**. Urinary Lead Concentration and its Association with the Composition of the Adult Gut Microbiota Accepted Abstract. Abstract ID#: 2983708. International Society for Environmental Epidemiology (ISEE). Ottawa, Alberta, Canada; August 26-30, 2018.

Eggers S., Safdar N, **Malecki KM**. Urinary Lead Concentration and its Association with the Composition of the Adult Gut Microbiota Accepted Abstract. Abstract ID#: 2983708. International Society for Environmental Epidemiology (ISEE). Ottawa, Alberta, Canada; August 26-30, 2018.

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. To be presented at the 2018 International Society of Environmental Epidemiology (ISEE) meeting in Ottawa, Alberta, Canada; August 26-30, 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., 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>.

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>

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. 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>.

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.

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-Donaté 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-Donaté 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.**

Abstracts Prior to Tenure Track Appointment

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. In. 140th APHA Annual Meeting. San Francisco, CA; October 2012.

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 - October 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. In. 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. Shaprio 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, D.C.; 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, D.C.; 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. In. 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. In. 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. In. 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, D.C.; 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, D.C.; 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, D.C.; 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 Epidemiologist (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 Epidemiologist (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 Epidemiologist (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 D.C.; 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 D.C. 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 D.C. 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 Epidemiologist (CSTE) annual meeting. Atlantic City, N.J.; 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 Epidemiologist (CSTE) annual meeting. Atlantic City, N.J.; June 25, 2007.

Malecki K. Environmental Health Breakout – Building Healthy Communities for Active Aging. Session Moderator. Council of State and Territorial Epidemiologist (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 Epidemiologist (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 Epidemiologist (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 Epidemiologist (CSTE) Annual Meeting. Atlantic City, N.J.; 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 [1] 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, D.C.; 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 [1] 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 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 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 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 Epidemiologist (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 Epidemiologist (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 Epidemiologist (CSTE) Annual Meeting. Anaheim, CA; June 6, 2006.

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

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, Stone S, Pertowski C. Indicators for Air Quality and Health: Data for Action and Policy. Oral Presentation. Council for State and Territorial Epidemiologist (CSTE) 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 for State and Territorial Epidemiologist (CSTE) 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 Conference. Anaheim, CA.; June, 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. 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, D.C.; 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 Epidemiologist (CSTE) Meeting; Albuquerque, New Mexico; 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 Epidemiologist Meeting (CSTE). Albuquerque, New Mexico; 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 Research Presentations

Local

1. Survey of the Health of Wisconsin: Infrastructure for Community Based Research. Wisconsin Alzheimer's Institute. Center for Urban Population Health. Milwaukee, WI. February, 2018
2. Survey of the Health of Wisconsin: Infrastructure for Community Based Research. Cancer Health Disparities Initiative Community Forum. Badger Rock Elementary School. Madison, WI. April 9, 2018.

3. Transdisciplinary and Community-Based Approaches to Understanding Environmental Risk to Children's Health. UW Center for Child and Family Well-Being. April 25, 2018.
4. Risk Assessment 101. Molecular and Environmental Toxicology Retreat. Department of Oncology, UW School of Medicine and Public Health. Madison, Wisconsin. May 25, 2017
5. Survey of the Health of Wisconsin: Opportunities for Research in Epigenetics and Microbial Diversity Across the Life Course. Early Life Determinants of Later Life Health and Well-being: The Microbiome and Epigenetics as Biological Mechanisms. Center for Demography of Health & Aging and Center for Demography and Ecology. University of Wisconsin, Madison. May 11, 2017
6. Disentangling Poverty, Race and Place: Findings from the Survey of the Health of Wisconsin. Department of Family Medicine. University of Wisconsin, Madison. March 14, 2017.
7. Disentangling Poverty, Race and Place: Findings from the Survey of the Health of Wisconsin. Institute for Research on Poverty (IRP). University of Wisconsin, Madison. December 15, 2016.
8. The Survey of the Health of Wisconsin: A Novel Infrastructure for Population Based Research. The UW Carbone Cancer Center, University of Wisconsin, Madison. November 11, 2016 repeated March 10, 2017.
9. The Social and Environmental Ecology of Health: Findings from the Survey of the Health of Wisconsin. Nelson Institute for Environmental Studies Westin Roundtable. University of Wisconsin Madison. Madison, WI. November 17, 2016.
10. Becoming a Woman in Science and Engineering, Journey to Tenure Track Faculty. Women in Science and Engineering Symposium. (WISE) lecture. University of Wisconsin Madison. Madison, WI. October 10, 2016.
11. Disentangling Race and Place: Association of Chronic Fine Particulate Matter Exposure, Neighborhoods Perceptions, Racial Segregation and Pulmonary Health: Results from the Survey of the Health of Wisconsin. Center for Demography and Ecology. Spring 2016
12. Wisconsin Groundwater Coordinating Council (GCC). Reducing Human Health Risks from Groundwater: Estimating Private Well Testing Behaviors and Water Use Among Private Well Owners in Wisconsin. November 11, 2015.
13. Global Energy Outlook: Meeting Needs for Future Cities and Communities Conference hosted by Wisconsin Energy Institute. Panelist – Energy Air and Healthy Cities. October 29, 2014.
14. Monday Seminar – Department of Population Health Sciences. Consequential Epidemiology, Findings from the Survey of the Health of Wisconsin. Fall 2014.
15. Medical College of Wisconsin, Milwaukee, WI. September 24, 2013. The Survey of the Health of Wisconsin: A Novel Infrastructure for Population Health Research

16. UW School of Human Ecology University of WI, Madison. September 24, 2013. The Survey of the Health of Wisconsin: A Novel Infrastructure for Population Health Research
17. Health Equity Leadership Institute, Collaborative Center for Health Equity, Madison, WI. June 13, 2013.
18. University of Wisconsin, Center for Tobacco Research and Intervention (UW-CITRI) Madison. SHOW Program Overview and Highlights of Tobacco Research. June 24, 2013.

National

19. Systems Thinking Approaches to Environmental Health. Chicago Center for Health and the Environment. University of Illinois, Chicago. May 31, 2019.
20. Disentangling Race and Place: Association of Chronic Fine Particulate Matter Exposure, Neighborhoods Perceptions, Racial Segregation and Pulmonary Health: Results from the Survey of the Health of Wisconsin. George Washington School of Public Health, Department of Environmental and Occupational Health. February 2016
21. Future and Emerging Issues for Private Wells. Johns Hopkins University/ Centers for Disease Control and Prevention Workshop on Mt. Washington Conference Center. Baltimore, Maryland. January 14-16, 2015.
22. National Biomonitoring Workgroup Meeting, Minneapolis, MN. Findings from a State and Academic Partnerships to Support Biomonitoring in Wisconsin. June 26-27, 2013. University of Wisconsin, Madison.
23. Health Equity Leadership Institute. Community Academic Partnerships to Support Health Research in Lindsay Heights Neighborhood. Milwaukee, WI. June 12, 2013.
24. American Public Health Laboratories Training Webinar– Environmental Public Health Tracking Meets Public Health Laboratories. April 22, 2013.
25. Nelson Institute for Environmental Studies, Madison, WI. The Survey of the Health of Wisconsin: Opportunities for Collaborative Environmental Health Research. March, 2013

International

26. Built Environment and Public Health. Findings from the Survey of the Health of Wisconsin. Tunja, Colombia. September 2015.
27. International Society for Environmental Epidemiology (ISEE). Basel, Switzerland. August 19-21, 2013. Session Chair. Neighborhood Built Environment, Air Quality and Metabolic Disorders.

Educational Activities & Presentations

Classroom Teaching

Course Director – Graduate Courses

PUBLH783: Quantitative Approaches to Public Health (Fall 2019- In Development)
 POP HLT 789 *: Introduction to Environmental Health: A Systems Thinking Approach (Spr 2016-2019; Sum 2016)
 POP HLT 650 : Special Topics in Environmental Epidemiology (Spr 2014, 2015)
 M&ENVTOX 699: Special Problems in Toxicology** (Sum 2017)
 M&ENVTOX 801: The Scientist and Communication – Professional Writing** (Sum 2018)

Guest Lecture – Graduate Courses/Medical Students

PHS 780: Public Health Principles and Practice (Fall 2014) – Section Leader
 MENVTOX 626: Tox II Environmental Epidemiology and Human Health Risk Assessment
 OBGYN 956: Research Ethics- *“Data management and sharing, Intro to SHOW”* (Spr 2017-2018)
 PHS 797: Introduction to Epidemiology- *“Environment Epidemiology”* (Fall 2014, 2015, 2017)
 PHS 780: Public Health Principles and Practice (Fall 2014) – Section Leader
 POP HLTH 717: Principles of Population Medicine and Epidemiology - first year medical students (Fall 2013-Fall 2014)

Module Leader/Guest Lecture – Undergraduate

POP HLT 370: Introduction to Public Health- *“Introduction to Environmental Health and Environmental Justice”* (Spring 2015-2018)
 ENT 203: Introduction to Global Health- *“Global Environmental Health’* (Fall 2017, 2018)

Mentoring

Name, Degree Department/Program	Years	Trainee Accomplishments
Role of the Candidate: Doctoral Committee Chair (Epidemiology)		
Schultz, Amy, MS Population Health, minor Environmental Policy	2015- 2019	Completed PhD Program May 2019 Doctoral Thesis – “Concentrated Animal Feeding Operations and Respiratory Health in Wisconsin”
Eggers, Shoshannah*, MS Epidemiology	2014- 2018	Completed PhD Program August 2018 Doctoral Thesis: “Lead (Pb), the Gut Microbiota, and Multi-Drug Resistant Organism (MDRO) Colonization.” Rankin/Skatrud Travel Award, 2015 Graduate School Conference Travel Award, 2017

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		Pop Health Poster Award, 2016
Unnur, Gudnadottir, MS Population Health	2013- 2018	Completed PhD program May 2018 Doctoral Thesis "Neighborhood Self-Selection and Walkability"
Rachel Bergmans, MPH, PhD Population Health	2013- 2017	Completed PhD Degree Doctoral Thesis: " A multidimensional approach to the link between food insecurity and depression: The role of dietary inflammatory potential and participation in food assistance." Climate Quest Sustainability Award Recipient
Heidi Busse, PhD Nelson Institute for Environmental Studies	2014- 2016	Completed PhD degree Summer 2016 Doctoral Thesis: " An Ecological Livelihoods Approach to Strengthen Food Security in Tigray and the Southern Nations, Nationalities, and Peoples' Regions of Ethiopia: Measures, Methods, and Policy Implications"
Role of the Candidate: Doctoral Committee Co-Advisor (Molecular Environmental Toxicology Center)		
Patrick Carney MSTP Program/Toxicology	2016- present	MSTP Program (2017-2020 MD/2020-2024 PhD) Research Topic: TBD
Lauren Schrader Physiology	2017- present	PhD in Physiology Anticipated 2021 Research Topic: TBD
Mele Avilla Toxicology	2017- present	Research Topic: Role of Aryl-Hydrocarbon Receptor in Mammary Glad Biology
Role of the Candidate: Doctoral Committee Member		
Katie Mead* Nursing	2015- 2018	Complete PhD Degree Doctoral Dissertation: "Neighborhood Influences on Physical Activity and Physical Function among Older Adults" *Using SHOW data *Using SHOW data
Rachel Wilson Molecular Environmental Toxicology Program	2014-	PhD Candidate Research Topic: Toxicology of AhR Biology
Jeremiah Yee Molecular Environmental Toxicology Program	2011-	PhD Candidate Research Topic: Aryl Hydrocarbon Receptor as a biomarker for human health * Using SHOW biosamples

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Yaidi Martinez* Urban Planning	2015-	Phd Candidate Doctoral Dissertation: ““Getting In and Out of Housing in Wisconsin: Assessing Disparities, Overcoming Challenges” *Using SHOW data
Patricia Jewitt* Population Health	2012- 2017	Completed PhD Degree Doctoral Dissertation: “Disparities in mammography utilization patterns according to geographic access and car ownership, and long term mammography utilization among ductal carcinoma in situ Survivors” *Using SHOW data
Debanjana Chatterjee Epidemiology	2011- 2015	Completed PhD Degree Doctoral Dissertation: “Exposure to Ambient Fine Particulate Matter and Early Childhood Cognitive Functioning: Interaction with Maternal History of Stress and Neighborhood Level Factors”
Anne Roubal Population Health	2011- 2015	Completed PhD Degree Doctoral Dissertation: “The Food Environment and Health: Roles Fast Food and Fast Casual Restaurants and Farmers’ Markets can play” *Used SHOW data
Maggie Grabow, MPH Nelson Institute for Environmental Studies	2010- 2013	Completed PhD Degree “Understanding the Predictors and Environmental Health Co-Benefits of Transforming Communities to Support Active Transportation” *Used SHOW data
Role of the Candidate: Master of Science Committee Chair		
Rissa Lane	2017- present	MS, Population Health Expected Graduation 2019
Amy Schultz	2013- 2015	Completed MS degree Thesis: “Allergic disease associations with regional and localized estimates of air pollution”
Hannah Stern Nelson Institute (Co-Chair)	2013- 2015	Completed MS degree Thesis: “Maybe I Should?: Healthcare Practitioners Speak About Environmental Health”
Shaini Kothari (Co-chair) Epidemiology	2012- 2014	Completed MS degree Thesis: “Examining the association between the severity of depression and consumption of sugar-sweetened beverages among participants of the Survey of Health of

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		Wisconsin (SHOW) study” *Used SHOW data
Erin Bailey Epidemiology	2013	Completed MS degree Thesis: “Predictors of Discordance between Perceived and Objective Neighborhood Data”
Role of the Candidate: Master of Science Thesis Committee Member		
Linn Jennings Epidemiology	2016- 2018	Completed MS Degree Thesis: “LGBT Health and Healthcare Access and Utilization in Wisconsin” *Using SHOW data
Gorzeltz-Liebhauser, Jess	2014- 2016	Completed MS Degree Thesis “ Concordance of physical activity reporting: Interviewer-administered GPAQ verses waist accelerometry from 2014 SHOW Adult cohort”
Booske, Kaitlyn	2013- 2015	Completed MS Degree Thesis, “Predictors of Mental Health Service Utilization by Adults with Depression or Anxiety Symptoms in the Survey of the Health of Wisconsin”
Role of the Candidate: Master of Public Health Capstone Committee (Role, MPH Site)		
Lisa Charron (Urban Planning)	2017- 2018	Chair, Wisconsin Obesity Prevention Initiative (OPI)
Jewon Lee	2017- present	Chair, Community Outreach and Dissemination, Survey of the Health of Wisconsin
Kirsten Frobom	2016- present	Chair, Health Access Connect, Uganda
Joshuah Wolf	2016- 2017	Member, Wisconsin State Department of Health Services, Division of Public Health, Bureau of Environmental Health
Whiteney M. Vann	2016- 2018	Chair, Waukesha Family Practice Clinic/Hispanic Health Resource Center
Chrissy Nichols	2015- 2017	Chair, Second Harvest Food Bank Topic: Healthy Food Choice, Grocery Store Intervention

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Ryan Kartheiser, MD, MPH	2015-2017	Chair, 16 th Street Health Clinic (TRIUMPH Student) Topic: Environmental Health Indicator Development
John Stuligross	2015-2017	Chair, Department of Health Services Topic: Evaluating Food Assistance Program Benefits
Madison Carey	2015-2017	Chair, Preceptor for Field Experience Survey of the Health of Wisconsin, Data Dissemination
Jessica Albergo (Vet-Med/MPH)	2015-2017	Member, USGS Wildlife Health Center Topic: Human Health Risk Assessment, Prions in Plants
Ross Daniels, JD, MPH	2014-2016	Member, 16 th Street Health Clinic Topic: Policies for Lead and Growing Healthy Soils
Golembiewski, Josie	2011-2013	Member, Tonga Topic: Evaluating Healthy Eating Intervention, Tonga

Service Activities

University

2013 – 2017 Faculty Senate, Alternate

2017- Present Faculty Senate, Primary

2018- Present University Wide Campus Diversity and Climate Committee

2015-Present UW Madison McNair Scholars Program Faculty Mentor

School of Medicine and Public Health

2019 Grant reviewer; study section reviewer; UW-ICTR Collaborative Health Sciences Pilot Grants

2019 VCRGE- Poverty Initiative Grant Reviewer

2017-2018 Master of Public Health Curriculum Transformation Committee

2017 Grant reviewer: UW-ICTR, Collaborative Center for Health Equity; AHEAD GRANT Scholarships

2013-2016 Master of Public Health Curriculum Committee

2013- present Survey of the Health of Wisconsin – Co-Director

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2013- present	Health Equity Leadership Institute (HELI), graduate and member <u>Departmental (Population Health Sciences)</u>
2016-2018	Member, Department of Population Health Sciences Curriculum Committee
2018-present	Chair, Population Health Sciences Curriculum Committee
2013-2016, 2018- Present	Master of Public Health Curriculum Committee
2009 – 2012	Admissions Committee
2013-present	Recruitment and Admissions Committee, Population Health and Epidemiology Graduate Programs
2013-2014	Grader, Epidemiology Section of Qualifier Exam, Population Health and Epidemiology Graduate Program

Professional Service for Scientific Societies

2013-2018	Grant reviewer: National Institutes of Health (NIH) NIEHS special emphasis study sections (2013-2018) NIMHD special study section (2017) NHLBI Program Project Grant Review (2018) NIEHS Standing Study Section (2018-present)
2018	Nomination to serve on the standing National Institute for Environmental Health Sciences (NIEHS) Environmental Health Sciences Review Committee. Nomination letter received April 30, 2018, approved by director, August 2018
2018-present	IAPHS society member and advisor for professional and workshop development
2015	Abstract Reviewer, American Public Health Association Meeting
2015, 2018	Abstract Reviewer, International Society for Environmental Epidemiology
2013-Present	Wisconsin Department of Health Services, Great Lakes Angler Fish Advisory Board

Editorial Boards

2012 – present	Editorial Board: <i>BMC Public Health</i>
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Manuscript Review for the Following Journals

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
Cancer Biomarkers
Clinical Medicine and Research
Clinical Nutrition
Environmental Health Perspectives
Environmental Research
Environmental Science and Technology
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
Preventive Medicine Research
Risk Analysis
Science of the Total Environment
Sustainable Cities and Society
Transport and Health
Wisconsin Medical Journal

Professional Service on Review Panels

2013-2017	Reviewer, Council for State and Territorial Epidemiologists (CSTE) Applied Epidemiology Fellowship Applicant Review Committee
2013	Medical College of Wisconsin Institute for Clinical and Translational Research Award Review External Review Panel