



Center for
Health Disparities Research
UNIVERSITY OF WISCONSIN
SCHOOL OF MEDICINE AND PUBLIC HEALTH

CHDR SEMINAR SERIES

Advancing Health Equity: Approaches and Frameworks in Exposomal Research

May 20, 2022
10:00 – 11:00 a.m. CDT

Featured Speaker

**Kristen
Malecki**
PhD,MPH



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Webinar ID: 951 3950 8630 | Passcode: 404731
contact: chdr_seminarseries@medicine.wisc.edu

Description of Seminar

Dr. Kristen Malecki leads this presentation and discussion on the importance of intentional and explicit research-based strategies that prioritize larger, more diverse and representative population-based samples, employ a social determinants of health framework, and adopt a “compound” exposome approach to understand the etiologies, magnitude, and biological consequences of racial, ethnic, gender, and socioeconomic disparities. This work furthers the call endorsed by the NIH for a mechanistic, multidimensional, and life-course based approach capable of advancing scientific solutions by mobilizing the research community to produce work grounded in health equity considerations, elucidating the biological consequences of social and environmental exposures more clearly, and intervening (through policies and practice) to address these disparities.

Kristen Malecki, PhD, MPH

Dr. Kristen Malecki holds a PhD in Environmental Epidemiology and Health Policy and Master of Public Health from Johns Hopkins University Bloomberg School of Public Health. Dr. Malecki is an Associate Professor of Population Health Sciences and serves as the Director for the Survey of the Health of Wisconsin (SHOW), overseeing survey implementation efforts and ancillary study development. Dr. Malecki’s current research examines how epigenetic, transcriptomic, and the microbiome serve as mediators or modify human response to environmental and social stressors, contributing to a richer understanding of the ways social and environmental determinants of health intersect and lead to health disparities.