Health Expert
Lesliam Quiros-Alcala

As an exposure scientist and environmental epidemiologist, Lesliam Quiros-Alcala seeks to conduct novel translational exposure science research to better understand exposure-response relationships. The ultimate goal of her research is to inform the development of public health policies and practices, and identify potential interventions to reduce environmental exposures and improve health. Her research focuses on characterizing environmental exposures to endocrine disrupting agents and examining their potential health effects on highly vulnerable, low-income and minority populations underrepresented and understudied in public health research, including occupational populations, pregnant women and women of reproductive age, and children. To this end, Lesliam has examined determinants of exposure and health outcomes associated with chemicals in personal care products, cleaning agents, pesticides, and flame retardants; and validated biomarkers of exposure. Her research also seeks to integrate qualitative research methods to design and implement culturally-appropriate interventions to reduce environmental health disparities among Latino, African American, and other minority populations.

In collaboration with colleagues from the Johns Hopkins School of Medicine and the University of Texas Dell Medical School, Lesliam Quiros-Alcala is currently investigating the role of environmental exposures on asthma morbidity among inner-city children. Other projects she is

currently engaged in include assessing occupational exposures among hairdressers, examining the impacts of environmental agents on male hormones, and assessing environmental exposures in a U.S.-based Central American population. She is also a Co-Investigator for the Environmental Influences on Child Health Outcomes (ECHO) Data Analysis Center at Johns Hopkins. She has experience working in children's environmental health research, occupational health, science communication, and working with underrepresented and understudied communities.