

Kent Thomas, Research Physical Scientist, in EPA's National Exposure Research Laboratory

Systems Exposure Division

[Mailing Address](#)

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Area of Expertise: Kent has experience in the development and implementation of strategies and methods for assessing human exposure to environmental contaminants. His experience includes complex multi-media and multi-pathway studies of human exposure to VOCs, pesticides, PCBs, PAHs, metals, and particles. Kent has contributed to the development of sampling and analytical methodology for contaminants in air, water, food, dust, soil, blood, breath, and urine. Additional experience includes studies of pollutants in building and residential environments. His research interests include improving exposure assessment in epidemiological investigations. Kent is currently engaged in cumulative risk assessment research in the Chemical Safety for Sustainability program and in improving exposure and community assessments for children in the Sustainable and Healthy Communities program.

Select Publications:

Lichtveld, K., J. Clinger, K. Thomas, AND N. Tulve. [Meta-Analysis of the Chemical and Non-Chemical Stressors Affecting Childhood Obesity?](#) NEHA 2016 AEC and HUD Health Homes Conference, San Antonio, TX, June 13 - 16, 2016.

Deziel, N., M. Friesen, J. Hoppin, C. Hines, K. Thomas, AND L. Freeman. [A Review of Non-occupational Pathways for Pesticide Exposure in Women Living in Agricultural Areas.](#) ENVIRONMENTAL HEALTH PERSPECTIVES. National Institute of Environmental Health Sciences (NIEHS), Research Triangle Park, NC, 123(6):1-2, (2015).

Thomas, K., D. Vallero, P. Egeghy, P. Price, J. Bare, D. Meyer, AND S. Csiszar. [Human exposure modeling in a life cycle framework for chemicals and products.](#) ISES Annual Meeting, Henderson, NV, Henderson, NV, October 18 - 23, 2015.

View research publications by [Kent Thomas](#).

Education:

- B.S.P.H., Environmental Chemistry, School of Public Health, University of North Carolina at Chapel Hill, 1979

Professional Experience:

- Research Physical Scientist, USEPA, ORD, NERL-HEASD, EMAB, RTP, NC 1998-present

- Branch Chief (acting), USEPA, ORD, NERL-HEASD, EMAB, RTP, NC 2008
- Associate Director for Human Health (acting), USEPA, ORD, NERL-HEASD, RTP, NC 2006
- Research Analytical Chemist, Research Triangle Institute, RTP, NC 1986-1998
- Analytical Chemist, Research Triangle Institute, RTP, NC 1980-1986