

Lisa Jo Melnyk, Research Chemist, in EPA's National Exposure Research Laboratory

Systems Exposure Division

[Mailing Address](#)

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Area of Expertise: Dr. Melnyk's research has aimed at improving the understanding of exposure of contaminants to humans specifically through the oral route. Most recently, she has focused on modeling excess dietary exposure of pesticides caused by activities during consumption and protocol development for dietary sample collection on a community level. Her work addresses the need to better understand young children's aggregate and cumulative exposures and risk in their community and to provide tools to reduce risk and improve public health and well-being.

Select Publications:

Melnyk, L., Z. Wang, Z. Li, AND J. Xue. [Prioritization of pesticides based on daily dietary exposure potential as determined from the SHEDS model](#). FOOD AND CHEMICAL TOXICOLOGY. Elsevier Science Ltd, New York, NY, 96:167-173, (2016).

Melnyk, L., J. Xue, G. Brown, M. McCombs, M. Nishioka, AND L. Michael. [Dietary intakes of pesticides based on community duplicate diet samples](#). SCIENCE OF THE TOTAL ENVIRONMENT. Elsevier BV, AMSTERDAM, Netherlands, 468(1):785-789, (2014).

MELNYK, L. J., M. McCombs, G. G. Brown, J. Raymer, M. Nishioka, S. Buehler, N. Freeman, AND L. C. Michael. [Community duplicate diet methodology: A new tool for estimating dietary exposure to pesticides](#). JOURNAL OF ENVIRONMENTAL MONITORING. Royal Society of Chemistry, Cambridge, Uk, 14(1):85-93, (2012).

View research publications by [Lisa Jo Melnyk](#).

Education:

- Ph.D. Environmental Science, University of Cincinnati, 1999
- M.S. Environmental Science, University of Cincinnati, 1988
- B.S. Natural Science-Chemistry, College of Mount St. Joseph, 1986

Professional Experience:

- Research Chemist, USEPA, ORD, NERL, Cincinnati, Ohio 1993 – present
- Jr. Research Associate, University of Cincinnati, Cincinnati, Ohio 1988- 1993