

## **Marsha K. Morgan, Research Environmental Health Scientist, in EPA's National Exposure Research Laboratory**

Systems Exposure Division

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**Area of Expertise:** Marsha's research primarily focuses on quantifying human exposures to chemicals using urinary biomonitoring.

### **Select Publications:**

Li W, Morgan M, Graham S, and Starr J. Measurement of Pyrethroids and Their Environmental Degradates in Fresh Fruits and Vegetables using a Modification of the Quick Easy Cheap Effective Rugged Safe (QuEChERS) Method. *Talanta* 2016: 151; 42-50.

Morgan M, Sobus J, Boyd-Barr D, Croghan C, Chen F, Walker R, Alston L, Andersen E, and Clifton S. Temporal variability of pyrethroid metabolite levels in bedtime, morning, and 24-hr urine samples for 50 adults in North Carolina. *Environmental Research* 2016: 144; 81-91.

Stiegel M, Pleil J, Sobus J, Angrish M, and Morgan M. Kidney injury biomarkers and urinary creatinine variability in nominally healthy adults. *Biomarkers* 2015: 20; 436-452.

Morgan, M. Predictors of urinary levels of 2,4-dichlorophenoxyacetic acid, 3,5,6-trichloro-2-pyridinol, 3-phenoxybenzoic acid, and pentachlorophenol in 121 adults in Ohio. *International Journal of Hygiene and Environmental Health* 2015: 218; 479-488.

Morgan M, Jones, P., Sobus, J., Chuang, J., and Wilson N. Using urinary biomarkers to evaluate polycyclic aromatic hydrocarbon exposure in 126 preschool children in Ohio. *International Journal of Environmental Health Research*. 2015: 25; 628-639.

Morgan M, Jones P, and Sobus J. Short-term variability and predictors of urinary pentachlorophenol concentrations in preschool children in Ohio. *International Journal of Environmental Research and Public Health*. 2015: 12(1): 800-815.

View more research publications by [Marsha Morgan](#).

### **Education:**

- Ph.D., Animal Science-Environmental Toxicology (dual degree), Michigan State University, East Lansing, MI 1998
- M.S., Environmental Health Sciences, East Tennessee State University, Johnson City, TN 1994
- B.S., Pre-medicine Zoology, Ohio University, Athens, OH 1991

**Professional Experience:**

- Research Environmental Health Scientist, EMAB, HEASD, NERL, ORD, USEPA, RTP, NC September 2000-present
- Acting Associate Director for Health (detail), HEASD, NERL, ORD, USEPA, RTP, NC August 2010-August 2012
- Acting Supervisory Physical Scientist (detail), EMAB, HEASD, NERL, ORD, USEPA, RTP, NC August 2007-December 2007
- Research Scientist (detail), OSP, USEPA, Washington, D.C. Nov 2004-Jan 2005
- Research Scientist (rotational assignment), OAQPS, USEPA, RTP, NC July 2004-September 2004
- Environmental Health Scientist (Postdoctoral Research Program), EMAB, HEASD, NERL, ORD, USEPA, RTP, NC September 1998-August 2000