

## **Daniel R. Tettenhorst, Physical Science Technician, in EPA's National Exposure Research Laboratory**

Exposure Methods and Measurements Division

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**Area of Expertise:** Research and development of analytical chemistry methods, with an emphasis on organic contamination in drinking water or ambient water, including investigation of extraction and preservation techniques, with analysis by liquid chromatography-tandem mass spectrometry. Method development performed for chemical contaminants such as pesticides, herbicides, industrial chemicals and cyanotoxins. Dan is co-author of EPA Method 540 (primarily pesticide and pesticide degradates by SPE-LC/MS/MS) and Method 544 (microcystins and nodularin by SPE-LC/MS/MS).

### **Select Publications:**

D.R. Tettenhorst and J.A. Shoemaker, Development and multi-laboratory verification of US EPA method 540 for the analysis of drinking water contaminants by solid phase extraction-LC/MS/MS," *Analytical Methods*, (2014), 6(3), 930-939.

View more research publications by [Daniel Tettenhorst](#).

### **Education:**

- B.S. Chemistry, University of Cincinnati, 1998

### **Professional Experience:**

- Physical Science Technician, USEPA, ORD, NERL-EMMD, Cincinnati, OH 2010-Present
- Chemist, Dynamac Corporation, Cincinnati, OH 2008-2010
- Laboratory Manager/Chemist, Cardinal Laboratories, Wilder, KY 2007–2008
- Simulation and Modeling Test Specialist, NgEK, Inc, Cincinnati, OH 2006–2007
- Chemist, SoBran, Inc./UES Inc., Cincinnati, OH 2002–2006
- Laboratory Technical Manager/Chemist, Custom Analytical Services, Inc, Cincinnati, OH 1998–2002

### Honors and Awards:

- U.S. EPA, Office of Water Achievement in Science and Technology Award, 2015
- U.S. EPA, Office of Research and Development Bronze Medal, 2015
- Federal Service Excellence Award Nomination, 2015

- NERL Exposure Science Excellence Award, 2013