

Maura Donohue, Research Chemist, in EPA's National Exposure Research Laboratory

Exposure Methods and Measurements Division

[Mailing Address](#)

donohue.maura@epa.gov

Area of Expertise: Improvement and protection of human health and the environment through environmental research; development, use, and evaluation of microbial methods for detection of bacteria and determine the pathogenicity of bacteria in water; drinking water methods; and quality assurance.

Select Publications:

King, D., S. Pfaller, M. Donohue, S. Vesper, E. Villegas, M. Ware, S. Glassmeyer, M. Vogal, E. Furlong, AND D. Kolpin. Microbial pathogens in source and treated waters from drinking water treatment plants in the United States and implications for human health. *SCIENCE OF THE TOTAL ENVIRONMENT*. Elsevier BV, AMSTERDAM, Netherlands, 562:987–995, (2016).

Donohue, M., K. O'Connell, S. Vesper, J. Mistry, D. King, M. Kostich, AND S. Pfaller. Widespread molecular detection of *Legionella pneumophila* Serogroup 1 in cold water taps across the United States. *ENVIRONMENTAL SCIENCE & TECHNOLOGY*. American Chemical Society, Washington, DC, 48(6):3145-3152, (2014).

Buse, H., M. Donohue, AND N. ASHBOLT. *Hartmannella vermiformis* inhibition of *Legionella pneumophila* cultivability. *MICROBIAL ECOLOGY*. Springer, New York, NY, 66(3):715-726, (2013).

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Education:

- Ph.D. Chemistry, American University, 2002
- B.A. Biology, Elms College, 1995

Professional Experience:

- Research Chemist, USEPA, NERL-CERB, Cincinnati, OH, 2005–Present
- Research Chemist, Federal Postdoctoral Fellowship, USEPA, NERL-CERB, Cincinnati, OH, 2003–2005
- Grantee, Oak Ridge Institute for Science and Education (ORISE), US EPA, Cincinnati, OH, 2002–2003

- Student Researcher, National Institute of Science and Technology (NIST), Gaithersburg, MD, 2002–2003
- Research Assistant and Lab Manager, National Institute of Health (NIH), Rockville, MD, 2000–2001
- Research Assistant and Lab Manager, Georgetown University, Washington, D.C. 1996–2000
- Research Assistant, Department of Biology, College of Our Lady of the Elms, Chicopee, MA 1994–1995