Stacy Pfaller, Research Microbiologist, in EPA's National Exposure Research Laboratory

Systems Exposure Division
Mailing Address

pfaller.stacy@epa.gov

Area of Expertise: My research focuses on the development of molecular detection methods for environmental pathogens with the goal of understanding their fate and transport in the natural environment (specifically water), their amplification in the built environment, and the risk of human exposure.

Select Publications:

Gomez-Alvarez, V., S. Pfaller, J. Pressman, D. Wahman, AND R. Revetta. Resilience of microbial communities in a simulated drinking water distribution system subjected to disturbances: role of conditionally rare taxa and potential implications for antibiotic-resistant bacteria. Environmental Science: Water Research & Technology. Royal Society of Chemistry, Cambridge, Uk, 2(4):645-657, (2016).

Revetta, R., S. Pfaller, J. Pressman, D. Wahman, AND V. Gomez-Alvarez. A Long-Term Study of the Microbial Community Structure in a Simulated Chloraminated Drinking Water Distribution System. Presented at WQTC, Salt Lake City, UT, November 15 - 19, 2015.

Revetta, R., S. Pfaller, J. Pressman, D. Wahman, AND V. Gomez-Alvarez. A Long-Term Study of the Microbial Community Structure in a Simulated Chloraminated Drinking Water Distribution System - abstract. Presented at AWWA-WQTC, Salt Lake City, UT, November 15 - 19, 2015.

View research publications by Stacy Pfaller.

Education:

- PhD, Biology, University of Cincinnati, 2001
- BS, Biology, University of Cincinnati, 1986

Professional Experience:

- Research Microbiologist, USEPA, ORD, NERL-MCEARD, Cincinnati, OH, 2002–present
- Research Assistant, University of Cincinnati, 1994–2001
- Research Associate, University of Cincinnati, 1992–1994
- Research Assistant, Forsyth Dental Research Institute, Boston, MA, 1986–1991

Honors and Awards:

- 2014 EPA Honor AWARD: Legionella Team, for outstanding technical support to the Office of Water in the development of "Legionella: Current Knowledge of Treatment Technologies."
- 2011- Office of Water's Achievement in Science and Technology Award for contributions to FEM Validation of Microbiological Methods Guidance Document.