

Michael Jahne, Environmental Engineer, in EPA's National Exposure Research Laboratory

Systems Exposure Division

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Area of Expertise: Quantitative microbial risk assessment. Research interests include the management of human and agricultural wastes, water reuse, and community exposures among vulnerable populations.

Select Publications:

- Jahne, M. A., Rogers, S. W., Holsen, T. M., Grimberg, S. J., Ramler, I. P., and Kim, S. (2016). Bioaerosol Deposition to Food Crops near Manure Application: Quantitative Microbial Risk Assessment. *Journal of Environmental Quality*, In Press.
- Jahne, M. A., Rogers, S. W., Holsen, T. M., Grimberg, S. J., and Ramler, I. P. (2015). Emission and Dispersion of Bioaerosols from Dairy Manure Application Sites: Human Health Risk Assessment. *Environmental Science & Technology*, 49(16), 9842-9849.
- Jahne, M. A., Rogers, S. W., Ramler, I. P., Holder, E., and Hayes, G. (2015). Hierarchical Clustering Yields Insight into Multidrug-Resistant Bacteria Isolated from Cattle Feedlot Wastewater Treatment System. *Environmental Monitoring and Assessment*, 187(1), 4168-4183.
- Jahne, M. A., Rogers, S. W., Holsen, T. M., and Grimberg, S. J. (2015). Quantitative Microbial Risk Assessment of Bioaerosols from a Manure Application Site. *Aerobiologia*, 31(1), 73-87.

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Education:

- Ph.D. Environmental Science and Engineering, Clarkson University, 2015
- M.S. Environmental Science and Engineering, Clarkson University, 2012
- B.S. Environmental Engineering, Clarkson University, 2009

Professional Experience:

- Environmental Engineer, USEPA/ORD/NERL/SED/EFAB, 2015-Present
- Research Assistant, Clarkson University, 2008-2015

Honors and Awards:

- Dissertation Fellowship, Phi Kappa Phi Honor Society, 2015
- EcoHealth Metagenomics Workshop Travel Award, National Science Foundation, 2012
- First Place, WERC Environmental Design Contest, 2009
- Outstanding Student Service Award, New York Water Environment Association, 2008