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First Name: **Mark** Last Name: **Radosevich**

Title: **Professor**

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Education:

PhD: Ohio State University MS: Colorado State University BS: UC Davis

General Areas of Expertise:

Soil microbiology

Short Bio:

Mark Radosevich, is professor of soil microbiology in the Department of Biosystems Engineering and Soil Science at the University of Tennessee. He has 20 years experience conducting research involving the fate and transport of organic pollutants in soils. During the past 15 years he has addressed fundamental questions regarding the ecological role of terrestrial bacteriophage. He is a founding co-director of the US-China Joint Center for Soil Productivity and Environmental Conservation.

Five Representative Publications:

Williamson, K.E., J.J. Fuhrmann, K.E. Wommack, and M. Radosevich. 2017. Viruses in soil ecosystems: an unknown quantity within an unexplored territory. Annual Reviews in Virology. 4:1.
Liang, X., R. Shi, M. Radosevich, et al., 2017. Anaerobic lipopeptide biosurfactant production by an engineered bacterial strain for in situ microbial enhanced oil recovery. RSC Advances. 7:20667-20676.
Srinivasiah, S., J. Lovett, D. Ghosh, K. Roy, J.J. Fuhrmann, M. Radosevich, and K.E. Wommack. 2015. Dynamics of autochthonous soil viral communities parallels dynamics of host communities under nutrient stimulation. FEMS Microbiol. Ecol. 91. doi: 10.1093/femsec/fiv063
DeBruyn, J.M., M. Radosevich, K.E. Wommack, S.W. Polson, L.J. Hauser, M.N. Fawaz, J. Korlach, and Y.C. Tsai. 2014. Genome Sequence and Methylome of Soil Bacterium Gemmatirosa kalamazoonensis KBS708T, a Member of the Rarely Cultivated Gemmatimonadetes Phylum. Genome Announc. 2:doi:10.1128/genomeA.00226-14
Srinivasiah, S., Lovett, J., Ghosh, D., Roy, K., Radosevich, M and K. Wommack. 2013. Direct assessment of viral diversity in soils using RAPD-PCR. 2013. Appl. Environ. Microbiol. 79:5450-5457.

FEWSTERN Symposium 2017 Presentation Title and Abstract: