

## J. Megan Steinweg



### **Post-Doctoral Researcher**

**Oak Ridge National Laboratory**

Meg Steinweg is currently a post-doctoral research associate at Oak Ridge National Laboratory working with Dr. Melanie Mayes and Dr. Chris Schadt. Her primary area of interest is microbial ecology, but extends to biogeochemistry and ecosystem function. Her current work with Dr. Mayes includes understanding how the soil matrix can influence microbial utilization of carbon and enzyme activity. Additionally, she works with Dr. Schadt on the Spruce and Peatland Response Under Climatic and Environmental change (SPRUCE) project. The field manipulations have not started, but she is characterizing the baseline microbial community and enzyme activity, understanding the natural temperature sensitivity of the enzymes, as well as understanding the spatial and temporal variability of the microbial community.

Prior to coming to ORNL, she received her MS and PhD at Colorado State University. Her MS advisors were Dr. Rich Conant and Dr. Eldor Paul and she measured how changes in temperature influenced microbial respiration in soils across a latitudinal gradient. For her PhD she worked with Dr. Matt Wallenstein at the Boston Area Climate Experiment (BACE) and Prairie Heating and CO<sub>2</sub> Enrichment (PHACE) project, monitoring how precipitation, warming and CO<sub>2</sub> elevation influenced microbial function.

**Email:** [steinwegjm@ornl.gov](mailto:steinwegjm@ornl.gov)  
**Phone:** 865-241-3776

One Bethel Valley Road  
P.O. Box 2008, MS-6038  
Oak Ridge, TN 37831-6038