

Scott Furlong, University of Kentucky, Lexington KY, for his project: *Nitrate Dynamics in Water Systems Under Storm and Climate Variability*



Scott Furlong is a master's student in the Department of Earth and Environmental Sciences at the University of Kentucky. His research focuses on storm-driven nitrate transport in agricultural landscapes, using stable isotope techniques to identify nitrogen sources during runoff events. Scott is currently working on edge-of-field monitoring at Blue Water Farms in western Kentucky to evaluate how storm timing and land management practices influence nitrate loading to surface waters. He is advised by

Dr. Andrea Erhardt and collaborates with researchers at the Kentucky Geological Survey and the Department of Plant and Soil Sciences.

Scott has been an avid enjoyer of the outdoors since he was a child, Scott's interest in natural science began at a young age. Trips with family to places like Yosemite and New River Gorge cemented in a love for geology and the outdoors very early on. After graduating from the University of Cincinnati Scott went straight to grad-school at the University of Kentucky.

Scott would like to extend his most sincere gratitude to the GSA and to the Howard and Jean Lipman Foundation and MGPV Division, for this award.