

Terri M. Jicha

Physical Scientist

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Education:

B.S., Water and Soil Resources, University of Wisconsin-Stevens Point, 1998

M.S., Biology, University of Minnesota-Duluth, In progress

Employment:

1999-Present Physical Scientist, U.S. EPA, Duluth, MN

1998-1999 Chemist, Maxim Technologies Environmental Consultants, Wausau, WI

1997-1998 GIS Technician, Center for Ground Water, Stevens Point, WI

1994-1998 Lab Technician, Environmental Task Force Laboratory, Stevens Point, WI

Research Interests and Skills:

My area of interest lies in ecosystem functionality, specifically nutrient processing and water quality on large scales. My current research is the monitoring and assessment of the Great Rivers, and the exploration of nitrogen cycling in the forest ecotone of large river floodplains.

Selected Appointments/Honors/Major Awards:

U.S. EPA ORD NHEERL Quality Assurance Award, 2006

U.S. EPA Scientific and Technological Achievement Award (Honorable Mention), 2006

U.S. EPA Scientific and Technological Achievement Award (Honorable Mention), 2006

Selected Publications:

Hill, B.H., C.M. Elonen, T.M. Jicha, A.M. Cotter, A.S. Trebitz, and N. Danz. 2006. Sediment microbial enzyme activity as an indicator of nutrient limitation in Great Lakes coastal wetlands. Peer Reviewed Journal Article. *Freshwater Biology* 51:1670-1683. 4573

Detenbeck, N.E., C.M. Elonen, D.L. Taylor, L.E. Anderson, T.M. Jicha, and S.L. Batterman. 2003. Effects of hydrogeomorphic region, catchment storage, and mature forest on baseflow and snowmelt stream water quality in second-order Lake Superior Basin tributaries. *Freshwater Biology*, (2003) 48:912-927.

Detenbeck, N.E., C.M. Elonen, D.L. Taylor, L.E. Anderson, T.M. Jicha, and S.L. Batterman. 2004. Region, landscape and scale effects on Lake Superior tributary water quality. *JAWRA*. June 2004: 705 -720