

Samuel Franz Werner, MS student



Education

B.S. Chemistry, May 2008

B.S. Water Resources, May 2008

University of Wisconsin Stevens Point, Stevens Point, WI.

Research Interests

Biogeochemistry; terrestrial and aquatic chemistry in human impacted and natural landscapes, forest soils, trace gases, nitrogen and carbon cycling, stream-groundwater interactions. My MS research explores landscape patterns of stream and soil trace gases (CO_2 , CH_4 , N_2O) in a northern hardwood forest. The work is being conducted in watershed 3 at the Hubbard Brook Experimental Forest, NH.

Past jobs that I had

Research assistant to the late Dr. Bryant Browne, University of Wisconsin Stevens Point (2005 to 2008).

Lab technician at the Water and Environmental Analysis Lab (WEAL), University of Wisconsin Stevens Point (2003-2005).

Presentations

Werner, S.F., B.A. Browne, C.A. Wallshalager. Dissolved gases as indicators for stream-groundwater interactions. American Geophysical Union Fall Meeting. Post Presentation. San Francisco, CA, December 15, 2007.

Werner, S.F. and K. Winter, 2007. Liesbeek River Survey. Friends of the Liesbeek River July Meeting. Oral Presentation. Rondebosch, South Africa, July 25, 2007.

Werner, S.F. and B.A. Browne, 2007. Using dissolved gases to explore biogeochemical relationships of a small baseflow dominated central Wisconsin stream. American Water

Resource Association – Wisconsin Section 31st Annual Conference. Oral Presentation.
Wisconsin Dells, WI, March 1-2, 2007.

Werner, S.F. and B.A. Browne, 2006. Greenhouse gases in central Wisconsin streams.
American Water Resource Association – Wisconsin Section 30th Annual Conference. Oral
Presentation. Elkhart Lake, WI, March 2-3, 2006.