

Jason A. Dittman, Ph.D. Student



Biographic Information:

- B.A. Environmental Studies, 1998, Allegheny College, Meadville, PA.
- M.S. Environmental Engineering Science, 2006, Syracuse University, Syracuse, NY.

Research Interests/Activities:

My current research interests involve studying the response of yellow perch in Adirondack Lakes to decreases in atmospheric deposition of mercury and strong acids. In addition, I am also working at three sites in the Northeast (NY, VT, & NH) studying mercury flux in relation to DOC quality in streams during high flow events. I have also been involved with the Hubbard Brook Experimental Forest studying temporal and spatial patterns in nitrogen and DOC flux in drainage waters.

List of Papers:

Dittman, J.A., C.T. Driscoll, P.M. Groffman, and T.J. Fahey. 2007. Dynamics of nitrogen and dissolved organic carbon at the Hubbard Brook Experimental Forest. *Ecology* 88: 1153-1166.

Presentations:

- December 2007 (oral) American Geophysical Union, San Francisco, CA. *The Influence of Wetland Cover and Dissolved Organic Carbon on Mercury Export in Forest Landscapes, Northeastern USA.*
- November 2007 (poster) New York State Energy Research and Development Authority – Environmental Monitoring, Evaluation, and Protection in New York: Linking Science and Policy. *Response of Yellow Perch in Adirondack Lakes to Changes in Atmospheric Deposition of Mercury and Strong Acids.*

- August 2007 (oral) Ecological Society of America Annual Meeting, San Jose, CA. *Response of Yellow Perch in Adirondack Lakes to Changes in Atmospheric Deposition of Mercury and Strong Acids.*
- July 2007 (oral) Hubbard Brook Cooperators Meeting, West Thornton, NH. *Mercury Flux in Relation to DOC Quality in Upland Landscapes.*
- June 2007 (oral) Alliance for Graduate Education and the Professoriate, Academic Excellence Symposium, Syracuse University, Syracuse, NY. *Mercury Dynamics in Adirondack Lakes.*
- March 2007 (oral) Great Lakes Research Consortium, Syracuse, NY. *Mercury and Fish in the Adirondack Park.*
- March 2007 (poster) Nunan Research Day Lecture Series, Syracuse University, Syracuse, NY. *Response of Yellow Perch in Adirondack Lakes to Changes in Atmospheric Deposition of Mercury.*
- August 2006 (poster) 8th International Conference on Mercury as a Global Pollutant, Madison, WI. *Response of Yellow Perch in Adirondack Lakes to Changes in Atmospheric Deposition of Mercury.*
- May 2005 (poster) American Geophysics Union, New Orleans, LA. *Nitrogen Dynamics in a Northeast Forest Ecosystem.*
- July 2004 (oral) Hubbard Brook Cooperators Meeting, West Thornton, NH. *Patterns of Nitrogen Dynamics in Reference Watershed 6 (1992-2003).*

Academic Awards:

- 2007 Don Rennie Memorial Award: Outstanding Student Presentation, NY Sea Grant.
- 2006 Outstanding Graduate Student in Civil and Env. Engineering, Syracuse Univ.
- 2006 Nunan Research Day Poster Competition Winner, Syracuse Univ.
- 2004-2006 National Science Foundation Fellowship, Syracuse Univ.
- 1997-1998 Alden Scholar, Allegheny College, Meadville PA.

Professional Committees:

- 2006-07 Graduate Student Representative to the Univ. Senate Committee on Curricula for the L.C. Smith College of Engineering and Computer Science.