

# Benjamin Marcy-Quay

Ph.D Student

Department of Natural Resources, Cornell University

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## Education

- 2015 – Present      **Ph.D.**    Department of Natural Resources, Cornell University, Ithaca, NY  
Advisor: Patrick Sullivan
- 2012 – 2015        **M.S.**    Department of Natural Resources, Cornell University, Ithaca, NY  
Advisor: Patrick Sullivan
- 2010                **B.S.**    Environmental Science, Allegheny College, Meadville, PA  
Minor: Psychology

## Research and Professional Experience

- 2012 – 2015        **Research Assistant**, *Cornell University, Ithaca, NY*
- 2011 – 2012        **Fish and Wildlife Technician**, *New York Department of Environmental Conservation, New Paltz, NY*
- 2010 – 2011        **Head Field Counselor**, *Mountain Homes Youth Ranch, Vernal, UT*  
2007 & 2008 (summer)

## Teaching Experience

- 2013 – 2014        **Teaching Assistant**, Introduction to Environmental Science and Sustainability, *Cornell University, Ithaca, NY*
- 2010 – 2011        **Head Field Counselor**, *Mountain Homes Youth Ranch, Vernal, UT*  
2007 & 2008 (summer)

## Publication and Selected Presentations

**Marcy-Quay, B.** Assessing Site Fidelity of Brook Trout (*Salvelinus fontinalis*) Using Multiple, Independent, Small-Scale PIT Arrays. New York American Fisheries Society Chapter Annual Meeting, Lake Placid, NY February 5, 2015.

Alexiades, A. V., **B. Marcy-Quay**, P. J. Sullivan, and C. E. Kraft. 2015. Measurement Error in Angler Creel Surveys. *North American Journal of Fisheries Management* 35(2):253–261.

**Marcy-Quay, B.**, P.J. Sullivan, C.E. Kraft. Assessing Changes to New York's Stream Trout Fishery. New York American Fisheries Society Chapter Annual Meeting, Geneva, NY February 2, 2014.

## **Manuscripts in Review or Preparation**

**Marcy-Quay, B.,** P.J. Sullivan, C.E. Kraft. (*In prep*). A Population Dynamics Model for Stocked Brown Trout (*Salmo trutta*) Using Nonlinear Parameter Estimation. *Target Journal: Proceedings of the American Fisheries Society*

**Marcy-Quay, B.,** P.J. Sullivan, C.E. Kraft. (*In prep*). Angler Specialization and Travel Distance: Applying Spatial Statistical Methods to Creel Survey Data. *Target Journal: North American Journal of Fisheries Management*

## **Grants and Fellowships**

**Kieckhefer Adirondack Fellowship, 2014:** Assessing movement and linkages between lake and tributary populations of brook trout (*Salvelinus fontinalis*) using small-scale PIT tag arrays. \$5000.

## **Honors and Awards**

New York Chapter of the American Fisheries Society Student Travel Award, 2015  
New York Chapter of the American Fisheries Society Student Travel Award, 2014  
Sigma Xi Best Student Presentation, Department of Natural Resources Symposium, 2014

## **University Service and Outreach**

**President,** Graduate Student Assembly 2013-2014  
**Organizational Committee,** Department of Natural Resources Symposium, 2014-2015