

Andrew W. L'Roe

Forest Ecology PhD. Student
University of Wisconsin, Madison

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EDUCATION

University of Wisconsin-Madison
Forest and Wildlife Ecology
Advisor: Dr. Adena Rissman

PhD Student
Anticipated Completion:
May 2016

Cornell University
Department of Natural Resources
M.S. Natural Resources
Advisor: Dr. Shorna Broussard Allred

Graduated 2011

University of North Carolina at Chapel Hill
B.S. Environmental Science with Highest Honors
Biology Minor
Advisor: Dr. R. Haven Wiley

Graduated 2006

PUBLICATIONS

Naughton-Treves, L., L'Roe, J., L'Roe, A. and A. Treves. In press. Changes in elephants, bushpigs, farmers, and fears: Comparing local perceptions of crop raiding at Kibale National Park, 1994 and 2012. In *Human-Wildlife Conflict: an Interdisciplinary Approach*. K. Hill et al. (Eds) Berghahn Books, London.

L'Roe, A.W. and S.B. Allred. 2012. L'Roe, Andrew W., and Shorna Broussard Allred. "Thriving or Surviving? Forester Responses to Private Forestland Parcelization in New York State." *Small-Scale Forestry*: 1-24. DOI: 10.1007/s11842-012-9216-0

Roe, A.W. and K.L. Grayson. 2009. Repeated exposure to fluorescent powder does not affect survival or mass in eastern red-spotted newts, *Notophthalmus viridescens*. *Applied Herpetology* 6(3): 295-299.

Roe, A.W. and K.L. Grayson. 2008. Terrestrial movements and habitat use of eastern red-spotted newts, *Notophthalmus viridescens*. *Journal of Herpetology* 42(1): 22-30.

Grayson, K.L. and A.W. Roe. 2007. Glow sticks as effective bait for capturing aquatic amphibians in funnel traps. *Herpetological Review* 38(2): 168-170.

IN PREPARATION

Rissman, A.R. and A. L'Roe. Rights Holders and Rule Makers in Working Forest Governance. In prep for *Society and Natural Resources*.

L'Roe, A.W. and S.B. Allred. In prep. Forest Parcelization in New York State: A Time Series Approach. For *Landscape and Urban Planning*.

PRESENTATIONS

International Symposium on Society and Resource Management (ISSRM)

Talk: "Polycentric Governance of Working Forests in Wisconsin"

Estes Park, Colorado: June 7, 2013

International Symposium on Society and Resource Management (ISSRM)

Talk: "Understanding Private Landowner Decisions to Parcelize their Forestland in New York State"

Madison, Wisconsin: June 6, 2011

Society of American Foresters National Convention

Talk: "Forest Ownership Change and Parcelization in the Hudson River Watershed"

Albuquerque, New Mexico: October 27-31, 2010.

2nd Place Award for Graduate Student Presentation

Student Conference on Conservation Science-New York

Poster: "Examining Forest Parcelization Patterns in Eastern New York"

New York City, New York: November 3-5, 2010.

Rural Sociological Society Annual Meeting

Poster: "The Changing Role of Forestry: Forester Adaptations to Parcelization in New York State"

Atlanta, Georgia: August 12-15, 2010.

Honorable Mention for Poster Presentation

New York Chapter of Society of American Foresters, Annual Conference

Poster: "Forestland Parcelization Patterns in the Hudson River Basin."

Syracuse, New York: January 28-29, 2010.

Poster: "Patterns and Drivers of Forest Parcelization in the Hudson River Watershed"

Syracuse, New York: January 27-28, 2011.

Awards, Fellowships, and Scholarships

NSF-Graduate Research Fellowship, 2011-2014

UW Madison Biological Sciences Scholar Award, 2011

Doris Duck Conservation Fellow, 2010-2011

UNC Honors Program and Dean's List: 2002-2006

Ella Ann and Frank Holding Environmental Scholar for Environmental Service: Fall 2004

National Merit Scholar: 2002 - 2006

Eagle Scout with Palms, Boy Scouts of America: 2001

WORK AND RESEARCH EXPERIENCE

Graduate Research Assistant, January 2012– Present

University of Wisconsin-Madison; Department of Forest and Wildlife Ecology

Advisor: Dr. Adena R. Rissman

Research Assistant, Kibale National Forest, Uganda, August – December 2011

Organized assistants monitoring crop raiding by wildlife species around Kibale National Park, western Uganda.

Provided training in household survey implementation, crop-raiding monitoring protocol, boundary mapping and GPS use, computer software.

Graduate Research Assistant, September 2009 – July 2011

Cornell University; Department of Natural Resources

Advisor: Dr. Shorna Broussard Allred

Stewardship Intern, The Nature Conservancy, September 2008–August 2009

Performed stewardship tasks and monitored the preserves and conservation easements of the TNC Mountains Office based in Asheville, North Carolina.

Organized workdays and coordinated office and field volunteer programs.

Managed and improved database to track stewardship information of TNC properties.

Designed and produced invasive species management plans for twelve preserves.

Regional Conservation Area Planning Intern, Iquitos, Peru, Fall 2007– Summer 2008

Worked with Peruvian staff of Programa de Conservación, Gestión y Uso Sostenible de la Diversidad Biológica de la Región Loreto (PROCREL) to support the creation of regional conservation areas in the Amazon basin.

Participated in workdays and education programs with rural villagers to promote sustainable use of forest resources.

Co-designed a socio-economic survey that included individual and group interviews as well as resource mapping in communities.

Assisted with volunteer field program for students from Iquitos University.

Taught English classes and developed Spanish language skills.

Elwha River Research Assistant, Olympic National Park, Washington, Summer 2007

Worked in a joint project with the USGS and National Park Service in long term research to determine ecosystem effects of dam removal along the Elwha River.

Participated in design and implementation of small carnivore trapping.

Recovered samples of DNA and mRNA for population and nutrient cycling analysis.

NSF- Research Experience for Undergraduates Fellow, Summer 2006

Monitored drift fences daily for amphibians around two ponds at Mountain Lake Biological Station of the University of Virginia.

Designed and conducted research on terrestrial movement of Red-Spotted Newts

Published peer-reviewed papers with advisor and research partner, Dr. Kristine Grayson (Dattelbaum).

GIS and Policy Intern, Highlands-Cashiers Land Trust, Fall 2004

Developed GIS based conservation plan as part of overall land trust strategic plan.

SERVICE AND VOLUNTEER EXPERIENCE

Volunteer GIS and Fieldwork with Wisconsin Board of Commissioners of Public Lands (BCPL), Summer 2013.

Prescribed burn volunteering, International Crane Foundation, Spring 2013.

Weekly English Language and Citizenship Test tutoring with the Literacy Network, 2012-2013.

Maintenance of "Conservation Legends and Leaders" Russell Labs hallway board and webpage celebrating leaders of ecology and conservation from traditionally underrepresented groups (<http://labs.russell.wisc.edu/rissman/conservation-legends-leaders/>) 2013.

Conservation Leaders for Tomorrow (CLfT) professional development program, Max McGraw Wildlife Foundation, Illinois, 2012.