

Noah Perlut

Vermont Cooperative Fish & Wildlife Research Unit
The Rubenstein School of Environment and Natural Resources
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CURRENT POSITION

Post-doctoral fellow, The Rubenstein School of Environment and Natural Resources, University of Vermont

EDUCATION

Ph.D. Natural Resources, concentration in Wildlife Biology; 2002-2007, University of Vermont
Dissertation: *Effects of hayfield management on grassland songbirds: behavioral responses and population processes.*
Co-advisors: Dr. Therese Donovan, Dr. Allan Strong

M.A. Environmental Conservation Education; 1999, New York University
Thesis: *Comparing Land Use and Land Ethics along the eastern and western slopes of Oregon's Cascade Mountains*
Advisor: Dr. Millard Clements

B.S. English; Speech Communications; 1997 James Madison University, *cum laude*

TEACHING EXPERIENCE

Lecturer, Rubenstein School of Environment & Natural Resources, University of Vermont

- *Wildlife Conservation* (3 credits) – an ecosystem-based, introductory wildlife course, 70 students, 2 semesters (Spring 2006, 2007), website: <http://www.uvm.edu/envnr/wfb74>
- *Race and Culture in Natural Resources* (1 credit) – writing-intensive seminar and discussion course focusing on social justice and human-ecology issues, 1 semester (Fall 2006), website: <http://www.uvm.edu/envnr/nr6>

Teaching Assistant, University of Vermont, 2002-2003

Population Genetics, Biology Department

- Taught population genetics modeling lab to undergraduate and graduate students
- *Natural History and Field Ecology*, Rubenstein School of Environment & Natural Resources
- Taught field ecology labs in natural communities throughout Vermont

Teaching Assistant, Metropolitan Center of the Urban Environment, New York University, NY, 1997-1999, Supervisor: Dr. Peter Lucas

- Created and taught alternative lessons for math, English, biology, history, and government for “at-risk” high school students at Bushwick Outreach Alternative School and Erasmus High School, Brooklyn, NY

Instructor, Wildlife Conservation Society, New York Aquarium, Brooklyn, NY, 1998-1999,

- Created and taught education programs on beach and salt marsh ecology using resident and education animals

Summer Interpreter, Alaska Raptor Center, AK, Summer 1999

- Designed and taught raptor education programs on avian ecology, physiology, conservation, rehabilitation and local temperate rainforest dynamics

ADVISING EXPERIENCE

First-year advisor for 16 undergraduate students in the Rubenstein School of Environment and Natural Resources, University of Vermont, academic year 2006/7

PUBLICATIONS

Perlut, N. G., A. M. Strong, T. M. Donovan, and N. J. Buckley. 2006. Grassland songbirds in a dynamic management landscape: behavioral responses and management strategies. *Ecological Applications* 16:2235-2247.

MANUSCRIPTS IN PREPARATION

Perlut, N. G., A. M. Strong, T. M. Donovan, and N. J. Buckley. *In prep, submit May 07 Ecology*. Grassland songbird survival and recruitment in heterogeneous agricultural landscapes: implications for source-sink demography.

Perlut, N. G., C. R. Freeman-Gallant, A. M. Strong, T. M. Donovan, C. W. Kilpatrick, and N. Zalik. *In prep, submit May 07 Behavioral Ecology* Agricultural management affects evolutionary processes in a migratory songbird.

Strong, A. M., **N. G. Perlut**, and N. Fajardo. *In prep, submit June 07 The Auk*. Do agricultural management practices affect habitat selection in grassland songbirds?

Perlut, N. G., A. M. Strong, T. M. Donovan, and N. J. Buckley. *In prep, submit May 07 Conservation Biology*. Grassland songbird population viability in an agricultural landscape.

Little, L. P., A. M. Strong, and **N. G. Perlut**. *In prep, submit May 07 Journal of Field Ornithology*. A comparison of two methods for diet quantification in nestling Bobolinks (*Dolichonyx oryzivorus*)

PROFESSIONAL RESEARCH EXPERIENCE

Crew Leader, Center for Conservation Biology, College of William and Mary, Fall 2001

Supervisor: Bart Paxton

- Foraging ecology of Neotropical migrants in piedmont forests during migration

Research Assistant, Smithsonian Migratory Bird Center, Washington D.C., Summer 2001

Supervisor: Dr. Russ Greenberg

- Examined the genetic and reproductive history of the Coastal Plains Swamp Sparrow

Research Assistant, University of Miami, FL at La Gamba, Costa Rica, Spring 2001

Supervisor: Terry Krueger

- Examined the effects of parasites on song and plumage quality in Cherrie's Tanager

Research Assistant, University of Florida, Savannah River Site, SC, Winter 2000- Spring 2001

Supervisors: Dr. Doug Levey, Dr. Josh Tewksbury

- Studied the effects of wildlife corridors on avian seed dispersal patterns

Research Assistant, Cornell University, Adirondack Park, Summer 2000

Supervisor: Dr. Matthew Wasson

- Indirect effects of acid rain on Tree Swallow reproduction through calcium depletion

Intern, Peregrine Fund/ Zoological Society of San Diego Maui Bird Conservation Center, Makawao, HI, Winter 1999- Spring 2000, Supervisor: Barb McIlraith

- Cared for adults, young, and eggs in endangered bird captive propagation program

GRANTS

2006 – American Ornithologist Union Travel Grant, \$400
2006 – University of Vermont Travel Grant, \$200
2005 – American Ornithologist Union Research Grant, \$1,800
2005 – Animal Behavior Society Research Grant, \$1,000
2005 – Natural Resources Conservation Service – Population viability of grassland songbirds in the Champlain Valley, \$70,000 (A. Strong, PI, with T. Donovan and N. Perlut, Co-PIs).
2004 – Lake Champlain Research Consortium, \$500
2004 – University of Vermont Travel Grant, \$200
2003 – Sigma Xi Research Grant, \$500
2003 – Lake Champlain Research Consortium, \$500

SERVICE

Member, Board of Directors, Intervale Center, Burlington, VT, 2006 - www.intervale.org

Member, Diversity Task Force, Rubenstein School of Environment & Natural Resources, UVM

Advisor, Wildlife Program, Charlotte Conservation Commission, Charlotte, VT

Referee: *Conservation Biology*, *Journal of Wildlife Management*, *Biological Conservation*, *Northeast Naturalist*, *Avian Conservation and Ecology*, *Ornithologia Neotropical*, *Wilson Journal of Ornithology*

AWARDS & HONORS

2007 Ph.D. Graduate Programs Outstanding Research and Scholarship Award, The Rubenstein School of Environment & Natural Resources, University of Vermont

2006 Ph.D. Outstanding Service Award, The Rubenstein School of Environment & Natural Resources, University of Vermont

Represented the Rubenstein School of Environment & Natural Resources at the International Conference on Deserts and Desertification, Beijing, China, June 2006

Nominated for the New England Outdoor Writers Association Scholarship

CURRENT PROFESSIONAL MEMBERSHIPS

2002- American Ornithologists' Union

2003- Wildlife Society

2002- Society for Conservation Biology

2003- Animal Behavior Society

2007- Sigma Xi

PAPERS PRESENTED

Perlut, N. G., C. R. Freeman-Gallant, A. M. Strong, T. M. Donovan, and C. W. Kilpatrick.
2006. The evolutionary impacts of hayfield management on a songbirds' social and genetic mating system. Animal Behavior Society Annual Meeting, Snowbird, UT.

- Perlut, N., A. Strong, T. Donovan, and N. Buckley.** 2006. Hayfields of the Champlain Valley: An ecological trap for grassland nesting songbirds? 62nd Northeast Fish & Wildlife Conference, Burlington, VT.
- Perlut, N., A. Strong, T. Donovan, and N. Buckley.** 2004. Hayfields of the Champlain Valley: An ecological trap for grassland nesting songbirds? The Wildlife Society 11th Annual Conference, Calgary, CA.
- Perlut, N., T. Donovan, and A. Strong.** 2004. The effects of hayfield management on the social mating system of Savannah Sparrows. The American Ornithologists Union 122nd Annual Meeting, Quebec, CA.
- Perlut, N., A. Strong, T. Donovan, and N. Buckley.** 2003. Hayfields of the Champlain Valley: An ecological trap for grassland nesting songbirds? The Wildlife Society 10th Annual Conference, Burlington, VT.

POSTERS PRESENTED

- Perlut, N., C. Freeman-Gallant, A. Strong, T. Donovan, and C. Kilpatrick.** Oct 2006. The impacts of hayfield management on a songbirds' social and genetic mating system. 4th North American Ornithological Conference, Veracruz, Mexico.
- Strong, A., T. Donovan, N. Perlut, and N. Buckley.** 2006. When good birds select bad habitat: grassland birds in an agricultural landscape. 4th North American Ornithological Conference, Veracruz, Mexico.
- Fajardo, N., N. Perlut, and A. Strong.** 2006. Do agricultural management practices affect habitat selection in grassland songbirds? Center for Biodiversity and Conservation's symposium, "Conserving Birds in Human-Dominated Landscapes", New York, NY.

INVITED LECTURES

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| May 2007 | Friends of Missisquoi National Wildlife Refuge, International Migratory Bird Day |
| Feb 2007 | 'Ecolunch' series, Department of Biology, University of Vermont |
| Sept 2006 | Lake Champlain Ecosystem Team & Federal Partner Meeting |
| Apr 2006 | University of Vermont Honors College Global Change Biology course |
| Feb 2006 | Green Mountain Audubon Society speaker series |
| Feb 2006 | Vermont Cooperative Fish and Wildlife Research Unit bi-annual cooperators meeting, Seyon Ranch, VT |
| Apr 2005 | Skidmore College, Department of Biology |
| July 2004 | The Nature Conservancy of Vermont Annual Meeting |
| June 2004 | St. Michael's College, Summer Biology Program, Shelburne Farms |
| Apr 2004 | Lake Champlain Research Consortium Student Symposium |
| Jan 2004 | Shelburne Farms 2003-2004 Lectures |
| Dec 2003 | Vermont Cooperative Fish and Wildlife Research Unit bi-annual cooperators meeting, University of Vermont |
| Jan 2003 | Shelburne Farms 2002-2003 Lectures |
| Jan 2003 | Annual meeting for the State of Vermont Department of Fish and Wildlife |
| Mar 2003 | Wildlife Conservation Class, University of Vermont |
| Sept 2002 | Shelburne Farms Charette, University of Vermont, Shelburne, VT |