





- Lab Assistant, Mammalogy *Spring 2002-Fall 2004*  
Handled and processed mammal specimens for installation in the collection
- Missouri Department of Conservation                      Kirksville, MO                      *Summer 2004*
- Research Assistant  
Compiled scientific literature and made an autecology table for small Missouri mammals

## PUBLICATIONS

- Thompson, M, JA Beston, M Etterson, JE Diffendorfer, and SR Loss. 2017. Factors associated with bat mortality at wind energy facilities in the United States. *Biological Conservation*, 215:241-245.
- Diffendorfer, JE, JA Beston, MD Merrill, JC Stanton, MD Corum, SR Loss, WE Thogmartin, DH Johnson, RA Erickson, and KW Heist. 2017. A method to assess the population-level consequences of wind energy facilities on bird and bat species. *Wind Energy and Wildlife Interactions*. J Koppel, ed. Springer, Berlin, Germany.
- Beston, JA, JE Diffendorfer, SR Loss, and DH Johnson. 2016. Prioritizing avian species for their risk of population-level consequences from wind energy development. *PLOS One* 11: e0150813.
- Beston, JA, CK Williams, TC Nichols, and PM Castelli. 2016. A population model for management of Atlantic Flyway Resident Population Canada geese. *Wildlife Society Bulletin* 40: 106-111.
- Beston, JA, JE Diffendorfer, and S Loss. 2015. Insufficient sampling to identify species affected by turbine collisions. *Journal of Wildlife Management* 79:513-517.
- Beston, JA, CK Williams, PM Castelli, and TC Nichols. 2015. Survival and harvest of Atlantic Flyway Resident Population Canada geese. *Wildlife Society Bulletin* 39:583-592.
- Diffendorfer, JE, JA Beston, MD Merrill, JC Stanton, MD Corum, SR Loss, WE Thogmartin, DH Johnson, RA Erickson, KW Heist. 2015. Preliminary methodology to assess the national and regional impact of U.S. wind energy development on birds and bats. U. S. Geological Survey Scientific Investigations Report 2015-5066.
- Erickson, RA, EA Eager, JC Stanton, JA Beston, JE Diffendorfer, and WE Thogmartin. 2015. Assessing local population vulnerability to wind energy development with branching process models. *Ecosphere* 6:1-14.
- Beston, JA, TC Nichols, PM Castelli, and CK Williams. 2014. Survival of Atlantic Flyway Resident Population Canada geese in New Jersey. *Journal of Wildlife Management* 78:612-619.
- Beston, JA and R Mace. 2012. What can harvest data tell us about black bears? *Ursus* 23:30-41.

Beston, JA. 2011. Variation in life history and demography of the American black bear. *Journal of Wildlife Management* 75:1588-1596.

#### PRESENTATIONS

Muza, K and JA Beston. 2017. Insect diversity found on common milkweed (*Asclepias syriaca*) during Wisconsin growing season. Riveredge Nature Center's Student Research Symposium. Newburg, Wisconsin.

Mohl, EK, JA Beston, S Brauner, JJ Couture, M Koomen, A Kula, AC McCall, and JN Styrsky. 2017. Recruiting participants for a distributed research and education project investigating local adaptation in common milkweed, *Asclepias syriaca*. Ecological Society of America Annual Meeting. Portland, Oregon.

Beston, JA, JE Diffendorfer, J Stanton, and T Katzner. 2016. Assessing the potential effect of wind energy on raptor populations. North American Congress on Conservation Biology, Madison, WI.

Beston, JA and JE Diffendorfer. 2015. Factors affecting avian fatality at wind turbines. Conference on Wind Energy and Wildlife Impacts, Berlin, Germany.

Beston, JA and JE Diffendorfer. 2014. Factors affecting avian fatality at wind turbines. AWWI/NWCC Wind Wildlife Research Meeting, Broomfield, CO.

Beston, JA and JE Diffendorfer. 2014. Prioritization of avian species impacted by wind energy development. Ecological Society of America Annual Meeting, Sacramento, CA.

Beston, JA and JE Diffendorfer. 2014. Assessing the impact of wind energy on wildlife. USGS Invited Seminar, Upper Midwest Environmental Science Center, La Crosse, WI.

Beston, JA, TC Nichols, PM Castelli, and CK Williams. 2013. Management of resident Canada geese in the Atlantic Flyway. 26<sup>th</sup> International Congress on Conservation Biology, Baltimore, MD.

Beston, JA, TC Nichols, PM Castelli, and CK Williams. 2013. Population Modeling for Atlantic Flyway Resident Population Canada geese. Atlantic Flyway Council Summer Meeting, Mystic, CT.

Beston, JA, TC Nichols, PM Castelli, and CK Williams. 2013. Factors affecting survival of resident population Canada geese in New Jersey. North American Duck Symposium. Memphis, TN.

Moody, EN, JA Beston, and CL Cooper. 2012. A study of *Escherichia coli* survival in stream water and sediment. American Society for Microbiology General Meeting. San Francisco, CA.

Beston, JA. 2010. Variation in life history and demography of the American black bear. Ecological Society of America Annual Conference. Pittsburgh, PA.

Beston, JA. 2009. Variation in life history of the American black bear. Society for Conservation Biology Montana Chapter Meeting. Missoula, MT.

Beston, JA. 2007. Modeling brown bears and salmon escapement. Guest lecture. University of Helsinki, Finland.

Beston, JA and T Boucher. 2007. Defining poverty and conservation. 21<sup>st</sup> International Congress on Conservation Biology, Port Elizabeth, South Africa.

### **SKILLS**

Software: R, WinBUGS/OpenBUGS, Matlab, S-Plus, SAS, Mathematica, MARK

Proficient at capture and handling of small mammals

Large mammal capture and handling course, including immobilization methods

Other capture experience: black bear, Columbia spotted frog, terrestrial and common garter snakes, western painted turtle, and bats

### **GRANTS AND AWARDS**

UW-Stout Professional Development Grant 2016

Montana Fish, Wildlife and Parks Black Bear Research Grant 2005-2009

The Nature Conservancy Poverty & Conservation and Brown Bear Research Grant 2007-2008

NSF EPSCoR Fellowship 2005-2007

George & Mildred Cirica Scholarship 2005

NSF GRFP Honorable Mention 2005

President's Recognition Award for Outstanding Academic Achievement 2005

Truman Leadership Award 2000-2004

National Merit Scholar 2000

### **MEMBERSHIPS**

Ecological Society of America

Society for Conservation Biology

The Wildlife Society

## REFERENCES

- Dr. Amanda Little  
Professor, Biology  
University of Wisconsin-Stout  
Menomonie, WI 54751  
715.232.1148  
littlea@uwstout.edu
- Dr. Stephen Nold  
Professor, Biology  
University of Wisconsin-Stout  
Menomonie, WI 54751  
715.232.2630  
nolds@uwstout.edu
- Dr. Jay Diffendorfer  
Research Ecologist  
USGS GECSC  
Denver Federal Center, MS 980  
Denver, CO 80225  
303.236.5369  
jediffendorfer@usgs.gov