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EDUCATION

Ph.D. Zoology. North Carolina State University, Raleigh, NC, 1998
B.S. Distinction and Honors in Organismal Biology, University of Kansas, Lawrence, KS, 1990

PROFESSIONAL EXPERIENCE

Research Assistant Professor, University of New Hampshire, Durham, NH, 2004-present
Instructor, University of New Hampshire, Durham, NH, 2002-present
Research Scientist, University of New Hampshire, Durham, NH, 2002-2004
Postdoctoral Researcher, University of New Hampshire, Durham, NH, 2001- 2002
Lecturer, University of Rhode Island, Kingston, RI, 1998-2001
Graduate Research Assistant, North Carolina State University, Raleigh, NC, 1993-1995
Graduate Teaching Assistant, North Carolina State University, Raleigh, NC, 1992-1993
Research Intern, National Institute of Health, Bethesda, MD, 1992
Research Technician, Rocky Mountain Biological Laboratory, Gothic, CO, 1991
Undergraduate Research Assistant, University of Kansas, Lawrence, KS, 1989-1991

PUBLICATIONS

Litvaitis, J.A., M.S. Barbour, A.L. Brown, A.I. Kovach, J.D. Oehler, B.L. Probert, D.F. Smith, J.P. Tash, R. Villafuerte, and M.K. Litvaitis. 2005. Testing multiple hypotheses to identify the causes of the range-wide decline of New England cottontails. In press. Part of the forthcoming book, *Biology of lagomorphs - evolution, ecology and conservation*. P. Alves and K. Hackländer, editors.

Kovach, A.I., M.K. Litvaitis, and J.A. Litvaitis. 2003. Evaluation of fecal mtDNA analysis as a method to determine the geographic range of a rare lagomorph. *Wildlife Society Bulletin*. 31(4): 1061-1065.

Kovach, A.I. and R.A. Powell. 2003. Influence of body size on male mating tactics and paternity in male black bears, *Ursus americanus*. *Canadian Journal of Zoology*. 81:1257-1268.

Kovach, A. 1998. Dominance and reproduction in male black bears. Ph.D. Dissertation. University of North Carolina, Raleigh, NC.

Armitage, K.B., C.S. Salisbury, E.L. Barthelmess, R.C. Gray, and A. Kovach. 1996. Population time budget for the yellow-bellied marmot. *Ethology Ecology & Evolution*. 8:67-95.

Kovach A. and M.S. Gaines. 1991. The influence of sex ratio on dispersal in the prairie vole, *Microtus ochrogaster*. *Transactions of the Kansas Academy of Sciences*. 94(3-4):142-152. (also abstract: 1991 Meeting of the American Society of Mammalogists)

NON PEER-REVIEWED PUBLICATIONS & ABSTRACTS

Kovach, A.I. and P.J. Pekins. 2005. Assessment of Black Bear Abundance in Northern New Hampshire Using Genetic Tagging. Oral Presentation. Northeast Fish & Wildlife Conference, Virginia Beach, VA, August 17, 2005.

- Kovach, A.I. and D.L. Berlinsky. 2004. Genetic analysis of temporally differentiated spawning populations of Atlantic cod. (abstract) Gadoid Mariculture: Development & Future Challenges, ICES Symposium, Bergen, Norway.
- Kovach, A.I. and P.J. Pekins. 2004. An Assessment of Black Bear Abundance in Northern New Hampshire Through the Use of Remote Genetic Tagging. Final Report to the New Hampshire Fish & Game Department, Concord, NH.
- Kovach, A.I., M.K. Litvaitis, and J.A. Litvaitis. Evaluation of fecal DNA analysis as a method to determine the geographic distribution of a rare lagomorph. Poster presentation. Second World Lagomorph Conference, Vairã, Portugal, July 27, 2004.
- Kovach, A.I., M.K. Litvaitis, and J.A. Litvaitis. 2003. Evaluation of fecal mtDNA analysis as a method to determine the geographic range of a rare lagomorph. (abstract) presented at the 10th Annual Conference of the Wildlife Society, Burlington, VT.
- Johnson, B., J.A. Litvaitis, A. Kovach, W. Jakubas, and K. Morris. 2002. Monitoring remnant populations of New England cottontails (*Sylvilagus transitionalis*) in Maine. (abstract) presented at the 58th Annual Northeast Fish & Wildlife Conference, Portland, Maine.
- Litvaitis, J.A., B. Johnson, R. Jenkins, A. Kovach, and M.K. Litvaitis. 2002. Interim report for a regional inventory of New England cottontails. Progress Report to U.S. Fish and Wildlife Service, Concord, NH.
- Litvaitis, J. A., B. Johnson, A. Kovach, M. K. Litvaitis, and R. Jenkins. 2002. Manual of sampling protocols for a regional inventory of New England cottontails. Interim Report to U. S. Fish and Wildlife Service, Concord, NH.
- Litvaitis, J.A., B. Johnson, A. Kovach, and R. Jenkins. 2002. Manual of Sampling Protocols for a Regional Inventory of New England Cottontails.
- Kovach, A.I., M.K. Litvaitis, and J.A. Litvaitis. 2002. Inventory of Lagomorpha in New England: Genbank DNA Sequence Submissions: 453608 and 458831
- Kovach, A. 1999. Mating behavior and variance in reproductive success of male black bears. (abstract) presented at the Society for Conservation Biology Meeting, College Park, MD.
- Kovach, A. 1997. Dominance, mating success and reproductive success in male black bears. (abstract) presented at 1997 Animal Behavior Society Meetings, College Park, MD.