Contact Information:

Office: 317 Henry Hall

Phone: (616) 331-8764

Email: moorejen@gvsu.edu

Website: <http://faculty.gvsu.edu/moorejen/moorejen.htm>

Education and professional positions:

Postdoctoral research fellow, Department of Fisheries and Wildlife, Michigan State University, 2010-2012

Postdoctoral research fellow, Biology Department, University of Alaska Southeast, 2009-2010

Ph.D. Ecology and Biodiversity, Victoria University of Wellington, New Zealand

M.S. Biology, Central Michigan University, 2004

B.S. Zoology, B.A. Spanish, Northern Michigan University, 2001

Research Interests:

* landscape genetics
* behavioral ecology and mating systems
* herpetology
* spatial and landscape ecology
* conservation biology
* conservation and population genetics

Courses taught at GVSU:

NRM320 Introduction to Natural Resource Systems

BIO/NRM480 Herpetology

BIO/NRM470 Conservation Biology

Selected publications:

Miller, KA, HC Miller, JA Moore, NJ Mitchell, A Cree, FW Allendorf, SD Sarre, SN Keall, and NJ Nelson. 2012. Securing the demographic and genetic future of tuatara through assisted colonization. Conservation Biology 26(5):790-798.

Jones, PC, RB King, RL Bailey, ND Bieser, K Bissell, H Campa III, T Crabill, MD Cross, BA Degregorio, MJ Dreslik, FE Durbian, DS Harvey, SE Hecht, BC Jellen, G Johnson, BA Kingsbury, MJ Kowalski, J Lee, JV Manning, JA Moore, J Oakes, CA Phillips, JM Refsnider, KA Prior, JD Rouse, J Sage, RA Seigel, DB Shepard, CS Smith, TJ Vandewalle, PJ Weatherhead, A Yagi. 2012. Rangewide analysis of eastern massasauga survivorship. Journal of Wildlife Management. DOI: 10.1002/jwmg.418

Moore, JA, AM Kamarainen, KT Scribner, C Mykut and H Prince. 2012. Investigating the effects of anthropogenic alteration of nesting habitat on rates of extra pair fertilization and intraspecific brood parasitism in Canada Geese. Ibis 154(2):354-362.

Moore, JA, DA Tallmon, J Nielsen and S Pyare. 2011. Effects of the landscape on boreal toad gene flow: does the pattern-process relationship hold true across distinct landscapes at the northern range margin? Molecular Ecology 20: 4858-4869.

Doody, JS and JA Moore. 2010. Conceptual model for thermal limits on the distribution of reptiles. Herpetological Conservation and Biology (Proceedings of 6th World Congress of Herpetology) 5(2): 283-289.

Nelson, NJ, JA Moore, S Pillai, and SN Keall. 2010. Thermosensitive period for sex-determination in the tuatara. Herpetological Conservation and Biology (Proceedings of 6th World Congress of Herpetology) 5(2): 324-329.

Godfrey, SS, JA Moore, NJ Nelson, and CM Bull. 2010. Social network structure and parasite infection patterns in a territorial reptile, the tuatara (*Sphenodon punctatus*). International Journal for Parasitology 40: 1575-1585.

Herrel, A, JA Moore, E Bredeweg, and NJ Nelson. 2010. Sexual dimorphism, body size, bite force and male mating success in tuatara. Biological Journal of the Linnean Society 100: 287-292.

Moore, JA, T Grant, D Brown, SN Keall and NJ Nelson. 2010. Mark-recapture accurately estimates census for tuatara, a burrowing reptile. Journal of Wildlife Management 74(4): 897-901.

Godfrey, SS, JA Moore, NJ Nelson, and CM Bull. 2010. Unravelling causality from correlations: revealing the impacts of endemic ectoparasites on a protected species (tuatara). Parasitology 137: 275-286.

Moore, JA, CH Daugherty and NJ Nelson. 2009. Large male advantage: phenotypic and genetic correlates of territoriality in tuatara. Journal of Herpetology 43(4): 570-578.

Miller, KA, NJ Nelson, HG Smith and JA Moore. 2009. How do reproductive skew and founder group size affect genetic diversity in reintroduced populations? Molecular Ecology 18: 3792-3802. (featured in Molecular Ecology’s News and Views section)

Moore, JA, CH Daugherty, SS Godfrey and NJ Nelson. 2009. Seasonal monogamy and multiple paternity in a wild population of a territorial reptile (tuatara). Biological Journal of the Linnean Society 98: 161-170.

Miller, HC, JA Moore, NJ Nelson, and CH Daugherty. 2009. Influence of MHC genotype on mating success in a free-ranging reptile population. Proceedings of the Royal Society of London, B 276: 1695-1704.

Miller, HC, JA Moore, FW Allendorf, and CH Daugherty. 2009. The evolutionary rate of tuatara revisited. Trends in Genetics 25 (1):13-15.

Moore, JA, HC Miller, CH Daugherty, and NJ Nelson. 2008. Fine-scale genetic structure of a long-lived reptile reflects recent habitat modification. Molecular Ecology 17: 4630-4641.

Chapple, DG, MN Hutchinson, B Maryan, M Plivelich, JA Moore, and J. S. Keogh. 2008. Evolution and maintenance of colour pattern polymorphism in Liopholis (Squamata: Scincidae). Australian Journal of Zoology 56: 103-115.

Moore, JA, BD Bell and WL Linklater. 2008. The behavior in conservation debate: New Zealand integrates theory with practice. Bioscience 58 (5): 454-459.

Moore, JA, NJ Nelson, SN Keall, and CH Daugherty. 2008. Implications of social dominance and multiple paternity for the genetic diversity of a captive-bred reptile population (tuatara). Conservation Genetics 9 (5):1243-1251.

Moore, JA, JM Hoare, CH Daugherty and NJ Nelson. 2007. Waiting reveals waning weight: monitoring over 54 years shows a decline in body condition of a long-lived reptile (tuatara*, Sphenodon punctatus*). Biological Conservation 135: 181-188.

Moore, JA and JC Gillingham. 2006. Spatial ecology and multi-scale habitat selection by a threatened rattlesnake: the eastern massasauga (*Sistrurus catenatus catenatus*). Copeia 2006 (4): 742 -751.