

PATRICIA MOODY HARVESON

EDUCATION

Doctor of Philosophy, Wildlife and Fisheries Sciences, December 2005

Texas A&M University, College Station, Texas

Dissertation: *The Impacts of Urbanization on Endangered Florida Key Deer*

Master of Science, Range and Wildlife Management, minor in Statistics, December 1996

Texas A&M University-Kingsville, Kingsville, Texas

Thesis: *Using GIS to Analyze Habitat Selection by Ocelot and Bobcat Populations in South Texas*

Bachelor of Science, Biology, minor in Animal Science, May 1992

Tarleton State University, Stephenville, Texas

PROFESSIONAL EXPERIENCE

- 2012-current **Associate Professor of Conservation Biology**, *Dept. Natural Resource Management, Sul Ross State University, Alpine, Texas*
- 2007-2012 **Assistant Professor of Conservation Biology**, *Dept. Natural Resource Management, Sul Ross State University, Alpine, Texas*
- 2005-2007 **NSF Minority Postdoctoral Research Fellow, National Science Foundation**, *Dept. Fishery & Wildlife Sciences, New Mexico State University, Las Cruces, New Mexico*
- 2005-2007 **Adjunct Faculty**, *Dept. Natural Resource Management, Sul Ross State University, Alpine, Texas*
- 2002-2005 **Doctoral Research Fellow, Hispanic Leadership Program in Agriculture and Natural Resources**, *Dept. Wildlife & Fisheries Sciences, Texas A&M University, College Station, Texas*
- 2002 **Instructional Services Team Leader – Senior User Liaison**, *CollegisEduprise, Inc., located at Sul Ross State University, Alpine, Texas*
- 1999-2001 **Director of Institutional Research and Effectiveness**, *Sul Ross State University, Alpine, Texas*
- 1999 **Director of Instructional Technology Center, Instructional Technology Specialist**, *Sul Ross State University, Alpine, Texas*
- 1996-1998 **GIS Analyst**, *Department of Rural Sociology, Texas A&M University, College Station, Texas*

PUBLICATIONS

- Hernandez, L., P. M. Harveson, L. A. Harveson. 2012. Suitable habitats for cougars in Texas and northern Mexico. *Southwestern Naturalist* 57:315-319.
- Harveson, P. M., L. A. Harveson, L. Hernandez, M. E. Tewes, N. J. Silvy, M. T. Pittman. 2012. Characteristics of two mountain lion populations in Texas, USA. *Wildlife Biology* 18:58-66.
- Culver, M., C. Varas, P. M. Harveson, B. R. McKinney, and L. A. Harveson. 2009. Connecting wildlife habitats across the U.S.-Mexico border. Pages 83-99 *in* Laura Lopez-Hoffman, Emily D. McGovern, Robert G. Varady, Karl W. Flessa, editors. *Conservation of Shared Environments: Learning from the United States and Mexico*. University of Arizona Press.
- Harveson, P. M., R. R. Lopez, B. Collier, and N. J. Silvy. 2007. Impacts of urbanization on Florida Key deer behavior and population dynamics. *Journal of Biological Conservation* 134:321-331.
- Harveson, P. M., W. E. Grant, R. R. Lopez, N. J. Silvy, and P. A. Frank. 2006. The role of dispersal in the metapopulation dynamics of Florida Key deer. *Ecological Modelling* 195:393-401.
- Harveson, P. M., R. R. Lopez, N. J. Silvy, and P. A. Frank. 2006. Comparison of survival estimates using age-specific mortality and radiotelemetry data for Florida Key deer. *Southeastern Naturalist* 5:149-156.
- Harveson, P. M. 2005. Impacts of urbanization on endangered Florida Key deer. Dissertation, Texas A&M University, College Station, Texas.
- Lopez, R. R., P. M. Harveson, M. N. Peterson, N. J. Silvy, and P. A. Frank. 2005. Density effects on ranges of the endangered Florida Key deer. *Wildlife Society Bulletin* 33:343-348.
- Harveson, P. M., R. R. Lopez, N. J. Silvy, and P. A. Frank. 2004. Source-sink dynamics of Florida Key deer on Big Pine Key, Florida. *Journal of Wildlife Management* 32:948-954.
- Harveson, P. M., M. E. Tewes, G. Anderson, and L. Laack. 2004. Habitat use by ocelots in south Texas: implications for restoration. *Wildlife Society Bulletin* 68:909-915.
- Harveson, L. A., P. M. Harveson, and R. B. Adams, editors. 2002. *Proceedings of the Sixth Mountain Lion Workshop*. Texas Parks and Wildlife Press, Austin, Texas.
- Harveson, L. A., P. M. Harveson, and C. Richardson. 2002. *Proceedings of the Trans-Pecos Wildlife Conference, 1-2 August, 2002*. SRSU Print Shop, Alpine, Texas.
- Harveson, L. A., P. M. Harveson, M. E. Tewes, J. H. Everitt, D. E. Escobar, and M. R. Davis. 1999. Using aerial videography and satellite imagery to identify riparian habitats in southern Texas. *Proceedings of the 17th Biennial Workshop on Color Photography in Resource Assessment*.
- Thomas, J. K., J. S. Kodamanchaly, and P. M. Harveson. 1998. Toxic chemical wastes and the coincidence of carcinogenic mortality in Texas. *Society and Natural Resources* 11:845-865.

Thomas, J. K., and P. M. Harveson. 1997. Toxics release inventory: State of Texas. Technical Report 97-1. Texas Agricultural Experiment Station, College Station, Texas.

Harveson, P. M. 1996. Using GIS to analyze habitat selection by ocelot and bobcat populations in south Texas. Thesis, Texas A&M University-Kingsville, Kingsville, Texas.

PROFESSIONAL SERVICE AND AWARDS

eXtension Map@Syst Geospatial Technologies CoP leader (2007-current)
Faculty Advisor, Sul Ross State University Chapter of the Society for ConBio (2007-current)
Newsletter Editor, Texas Chapter of the Wildlife Society (2009-2010)
Textbook Editor, "Fundamentals for Conservation Biology" for Wiley & Sons Press (2010)
Editorial Advisory Board, The Wildlife Society, Wildlife Professional (2008-2009)
Meeting Planning Committee, Colorado Plateau Regional Meeting of SCB (2008-2009)
Reviewer for Ecological Modelling Journal (2007)
NSF Minority Postdoctoral Research Fellow (2005-2007)
Chair, Information Technology Committee, Southwest Section of TWS (2005-2006)
Cottam Student Awards Committee, Texas Chapter of The Wildlife Society (2004-2005)
Finalist in student awards competition, Society for Conservation Biology (2004)
Doctoral Fellow, Hispanic Leadership Program in Ag and Natural Resources (2002-2005)
Program Committee, Texas Chapter of The Wildlife Society (2002-2004)
Co-chair, Information Technology Committee, Texas Chapter of TWS (2000-2002)
Chair, Information Technology Committee, Sixth Mountain Lion Workshop (2000-2001)
Member, The Wildlife Society-National, Texas Chapter, Southwest Section
Member, Society for Conservation Biology