

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

- 2007-current **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

- 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.

POPULAR ARTICLES

Harveson, P. M. "Overpopulation threatens area snow monkeys." Frio-Nueces Current Newspaper, 3 March 1995: 1.

Harveson, P. M. "A walk on the wild side: mountain lions in south Texas." Frio-Nueces Current Newspaper, 9 March 1995: 1,3.

Harveson, P. M. "Texas tortoises: a look at native wildlife." Frio-Nueces Current Newspaper, 13 July 1995: 1-2.

PRESENTATIONS

Society for Conservation Biology, Edmonton, Canada. "Distribution Model for Black Bear in the Chihuahuan Desert Ecoregion of Texas and Northern Mexico: Implications for Recolonization" (2010; coauthor)

Society for Conservation Biology, Edmonton, Canada. "Mapping and Monitoring of Native and Exotic Vegetation in Trans-Pecos, Texas" (2010; coauthor)

Texas Chapter of The Wildlife Society, Beaumont, Texas. "Potential Corridors and Dispersal Routes for Naturally Recolonizing Black Bears in the Trans-Pecos, Texas" (2010; coauthor)

Texas Chapter of The Wildlife Society, Beaumont, Texas. "Vegetation Classification of the Trans-Pecos, Texas" (2010; coauthor)

Texas Chapter of The Wildlife Society, Lubbock, Texas. "Evaluation of Potential Black Bear Habitat on the Davis Mountains Preserve, Texas" (2009; coauthor)

Alpine Chapter of the Sierra Club, Alpine, Texas. *Invited paper*: "Characteristics of Two Mountain Lion Populations in Texas." (2007)

Society for Conservation Biology, San Jose, California. *Invited paper*: "Landscape Ecology and Metapopulation Dynamics of Two Large Carnivores in the Chihuahuan Desert: Challenges of Cross-Border Wildlife Conservation." (2006)

Sul Ross State University, Student Section of the Wildlife Society, Alpine, Texas. *Invited paper*: "Landscape Ecology and Metapopulation Dynamics of Two Large Carnivores in the Chihuahuan Desert: Challenges of Cross-Border Conservation." (2006)

Twelfth Annual Meeting of The Wildlife Society, Madison, Wisconsin. "Comparison of Survival Estimates Using Age-Specific Mortality and Radiotelemetry Data for Florida Key Deer." (2005)

Texas A&M University, Dept. of Wildlife and Fisheries Sciences, College Station, Texas. PhD defense presentation: "Impacts of Urbanization on Endangered Florida Key Deer." (2005)

Texas Chapter of The Wildlife Society, Amarillo, Texas. "Metapopulation Dynamics of Florida Key Deer." (2005)

Eleventh Annual Meeting of The Wildlife Society, Calgary, Alberta. "Metapopulation Dynamics of Florida Key Deer." (2004)

Society for Conservation Biology, New York, New York. Student awards finalist paper: "Source-sink Dynamics of Florida Key Deer on Big Pine Key, Florida." (2004)

Student Research Symposium in Conservation, Ecology, and Evolutionary Biology at Texas A&M University, College Station, Texas. "Source-sink Dynamics of Florida Key Deer on Big Pine Key, Florida." (2004).

Twenty-seventh Annual Southeast Deer Study Group Meeting, Lexington, Kentucky. "Source-sink Dynamics of Florida Key Deer on Big Pine Key, Florida." (2004).

Tenth Annual Conference of The Wildlife Society, Burlington, Vermont. "Source-sink Dynamics of Florida Key Deer on Big Pine Key, Florida." (2003)

Thirty-eighth Annual Meeting of the Texas Chapter of The Wildlife Society, Waco, Texas. "Source-sink Dynamics of Florida Key Deer on Big Pine Key, Florida." (2003)

Fourth Annual Conference of The Wildlife Society, Snowmass, Colorado. "Habitat Selection by Sympatric Ocelots and Bobcats in South Texas." (1997)

Thirty-second Annual Meeting of the Texas Chapter of The Wildlife Society, Beaumont, Texas. "Using GIS to Analyze Habitat Selection by Ocelot and Bobcat Populations in South Texas." (1997)

PROFESSIONAL SERVICE AND AWARDS

Newsletter Editor, Texas Chapter of the Wildlife Society, 2009-current
Editorial Advisory Board, The Wildlife Society, Wildlife Professional, 2008-2009
Faculty Advisor, Sul Ross State University Chapter of the Society for ConBio, 2007-current
NSF Minority Postdoctoral Research Fellow, 2005-2007
Chair, Information Technology Committee, Southwest Section of TWS, 2005-06
Cottam Student Awards Committee, Texas Chapter of The Wildlife Society, 2004-05
Finalist in student awards competition, Society for Conservation Biology, 2004
Doctoral Fellow, Hispanic Leadership Program in Ag and Natural Resources, 2002-05
Program Committee, Texas Chapter of The Wildlife Society, 2002-04
Co-chair, Information Technology Committee, Texas Chapter of TWS, 2000-02
Chair, Information Technology Committee, Sixth Mountain Lion Workshop, 2000-01
Member, The Wildlife Society-National, Texas Chapter, Southwest Section
Member, Society for Conservation Biology