

## Curriculum Vita

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New Mexico State University

### JON C. BOREN

#### Education:

B.S. Oklahoma State University, Wildlife Ecology May, 1989  
M.S. Oklahoma State University, Wildlife Ecology May, 1992  
Ph.D. Oklahoma State University, Range Sciences December, 1995

#### Current Position:

Associate Dean and Director New Mexico Cooperative Extension Service, College of Agricultural, Consumer and Environmental Sciences, New Mexico State University (*Appointed Interim April 2008 – April 2009, Selected for Permanent Position May 2009 following national search*)

Professor, Extension Wildlife Specialist, Department of Animal Sciences and Natural Resources, New Mexico State University

#### Previous Positions:

2010 – 2011 Concurrently served as Interim Department Head for Family and Consumer Sciences, New Mexico State University  
2005 – 2006 Concurrently served as Interim Department Head for Animal Sciences and Natural Resources, New Mexico State University  
1996 – 2008 Professor, Extension Wildlife Specialist, Department of Animal Sciences and Natural Resources, New Mexico State University  
1995 – 1996 Post-Doctoral Fellow, Department of Agronomy, Oklahoma State University  
1993 – 1995 Ph.D. Research Assistant, Department of Agronomy, Oklahoma State University  
1989 – 1993 M.S. Research Assistant, Dept. of Zoology, Oklahoma State University  
1987 – 1988 Wildlife Biologist Assistant, Bureau of Land Management, Utah

#### Recent Emphases/Goals:

**Administration:** Appointed Associate Dean and Director New Mexico Cooperative Extension Service in May 2009. Responsibilities include administrative management and overall program leadership of the Cooperative Extension Service and other delegated authorities, duties and responsibilities assigned by the Dean or Central Administration. Appointed by President in 2019 to provide leadership for Goal 3 of NMSU Strategic Plan – Amplify Outreach and Engagement - across the NMSU System.

**Extension:** Developed extension programs related to wildlife damage control, wildlife enterprises on private land, New Mexico wildlife education and management, youth development in natural resources.

**Research:** Wildlife/livestock interaction; foraging relationships between elk, mule deer and cattle on Southwestern forests; elk utilization on upland and riparian grassland habitats; effects of sivicultural practices on fire behavior and wildlife habitat.

**Academics:** Served as Interim Department Head for Animal Sciences & Natural Resources and Family Consumer Sciences. Served as major advisor to graduate students in the Fish, Wildlife & Conservation Ecology Department and Animal & Range Sciences Department. Provided lectures to wildlife techniques and range science classes.

**Service:** Extension Committee on Organization and Policy (ECOP); Leadership for the 21<sup>st</sup> Century (LEAD21) Board of Directors; Western Extension Directors Association (WEDA); Council of State Governments-West; College of Agricultural, Consumer and Environmental Sciences Administrative Cabinet.

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### **Administration/Leadership Programs**

NASULGC New Dean/Director/Administrator/National Program Leaders Orientation Workshop (2008)  
Leadership for the 21<sup>st</sup> Century (LEAD21) (2007)  
New Mexico Agriculture Leadership Development Program (2004 - 2005)

### **National Committees:**

Member, National 4-H Council Board of Trustees (2021)  
Chair, ECOP Budget and Legislative Committee (2018 – present)  
Member, APLU Budget and Advocacy Committee (2018 – present)  
Member, ESCOP Budget and Legislative Committee (2018 – present)  
Member, National 4-H Diversity & Equity Steering Committee (2020 – present)  
WEDA Representative – Western Region Program Leaders Committee (2011 – 2015, 2021 – present)  
Co-Chair, ECOP 4-H Leadership Committee (2018 – 2021)  
Member, APLU Strategic Budget Realignment Committee (2019 – 2021)  
WEDA Representative – Western Extension Leadership Development Steering Committee (2014 – 2021)  
Co-Chair – Extension Committee on Organization and Policy Program Subcommittee (2014 – 2016)  
ECOP Representative – LEAD21 Board of Directors (2012 - 2016)  
Member – Extension Committee on Organization and Policy (2012 - 2016)  
WEDA Representative – First Americans Land-grant Consortium (2012 - 2016)  
Member – Board of Directors Western Regional Aquaculture Center (2010 – 2014)  
Chair – Western Extension Directors Association (2010 – 2011)  
Member - Western Extension Directors Association (2008 – present)  
Member – Western Regional Coordination Implementation Committee (2008 – 2011)  
Member – Council of State Governments-West (2008 – present)  
Co-Chair – 2006 Society for Range Management Prescribed Grazing to Benefit Wildlife Habitat Symposium (2005 – 2006)  
Member – National Wildlife and Fisheries Extension Conference Planning Committee (2005 - 2006)  
Member - Western Regional Aquaculture Center Extension Advisory Board (1997 - 2006)  
Member - National 4-H Habitat Evaluation Committee (1997 - 2006)  
Member - Academic Core Recovery Team for Southwestern Willow Flycatcher (1997 – 2004)  
Chair - National 4-H Wildlife Habitat Evaluation Committee (2004 - 2005)  
Peer Reviewer - *Journal of Range Management* (1998 - 2005)

### **State Committees:**

Chair – New Mexico Certified Public Manager Advisory Board (2011 – present)  
Member – New Mexico Food and Agriculture Council (2010 – present)  
Member – New Mexico Beef Industry Improvement Task Force (2010 – present)  
Member – New Mexico Agriculture and Government Relations Committee (2009 – present)  
Member – New Mexico Association of Counties (2008 – present)  
Instructor - M-44 training in cooperation with the New Mexico Department of Agriculture for private applicators license (1996 - 2008)  
Member – New Mexico Department of Game and Fish Lesser Prairie Chicken Technical Review Committee (2005)  
Member – State Elk/Livestock Carrying Capacity Task Force (2001 – 2004)  
Member - Technical Review Committee for New Mexico Prairie Dog Conservation Plan (2001 - 2004)  
Member - Interagency Task Force for Elk and Livestock Interaction (2000 - 2002)  
Board of Directors - New Mexico Chapter of The Wildlife Society (1999 - 2000); Treasurer (2001)  
Coordinator - New Mexico Elk Census Task Force (1997 - 1998)  
Member - New Mexico State Depredation Committee (1996 - 1997)

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### **University/College Committees:**

Chair – NMSU Goal 3 Amplify Outreach and Engagement Committee (2019 – present)  
Co-Chair – New Mexico State University Community Engagement Council (2014 – 2018)  
Member – President’s Communication Council/Marketing Committee (2013 – present)  
Co-chair – New Mexico State University Carnegie Community Engagement Classification Committee (2012 and 2019 - present)  
Member – College of Agricultural, Consumer and Environmental Sciences Administrative Cabinet (2008 – present)  
Chair – New Mexico Cooperative Extension Service Administrative Cabinet (2008 – present)  
Member – New Mexico State University Extension, Outreach, and Service Idea Team (2014)  
Member – New Mexico State University Centennial Committee (2012)  
Member – Vice Provost for Economic Development Strategic Business Plan Committee (2011 – 2012)  
Member - Agriculture and Home Economics Promotion and Tenure Action Team (2007 – 2008)  
Member – College of Agriculture and Home Economics Extension Promotion and Tenure Committee (2007 - 2008)  
Member – College of Agriculture and Home Economics Strategic Planning Committee (2003 – 2005)  
Member – CES Administrative Cabinet (2005)  
Member – CES Director Advisory Board (1999 – 2000, 2003 – 2005)  
Member – NMSU Faculty Senate (2003 - 2005)  
Member – NMSU Scholastic Affairs Committee (2005)  
Member – NMSU Faculty Affairs Committee (2003 – 2005)  
Treasurer - Extension Specialist Association (1997), Vice President (1998), President (1999), Past President (2000), Member (2001 - 2005)  
Member - 4-H Curriculum Review Committee (1997 - 1999, 2004 - 2005)  
Member - New Mexico Federation of Extension Associations (1997), President (1998), Past President (1999), Member (2000 - 2001)  
Member - ACE Mentoring Program (1998 - 2001)  
Member - Staff Development Advisory Committee (1998 - 1999)  
Member – Range Improvement Task Force (1996 – 2008)  
Faculty Co-Advisor - New Mexico State University Wildlife Society (1996 - 1998)

### **Honors:**

Fabian Garcia Founders’ Award of Excellence for Outstanding Leadership, 2018  
New Mexico State University Research Achievement Millionaire Award, 2011-2016  
Epsilon Sigma Phi Epsilon Visionary Leadership Award, 2010  
State Early Career Award from Epsilon Sigma Phi, New Mexico State University, 1999  
Dept. of Agronomy Outstanding Ph.D. Student Award, Oklahoma State University, 1995  
Society for Range Management Ph.D. Graduate Student Paper Award, 1995  
Sigma Xi, Oklahoma State University, 1994  
Phi Kappa Phi Honor Society, Oklahoma State University, 1992  
Dept. of Zoology Outstanding Master Student Award, Oklahoma State University, 1992  
Oklahoma Academy of Science Professionalism Award, 1991  
Golden Key National Honor Society, Oklahoma State University, 1988

### **Selected Publications:**

Reed, S.A., L.E. Swanson, J.C. Boren, C. Hibberd, D. Pearl, R. Reddix, R. Rennekamp, F. Schlutt (editors). 2022. Engaged scholarship: sharing views of possible futures for extension and university-wide engagement. *Journal of Community Engagement and Scholarship*. Volume 14, Issue 3.

Bender, L.C., J.C. Boren, S. Cox, and B. Hoenes. 2021. Does condition of adult male cervids reflect condition of adult females? A test with mule deer. *Mammal Research* 66(4).

Bender, L.C., J.C. Boren, H. Halbritter, and S. Cox. 2013. Factors influencing survival and productivity of pronghorn in a semiarid grass/woodland in east-central New Mexico. *Human-Wildlife Interactions* 7(2):313-324.

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Bender, L.C., J.C. Boren, H. Halbritter, and S. Cox. 2013. Effects of site characteristics, pinyon-juniper management, and precipitation on quality for mule deer in New Mexico. *Human-Wildlife Interactions* 7(1):47-59.

Bender, L.C., J.C. Boren, H. Halbritter, and S. Cox. 2011. Condition, survival, and productivity of mule deer in semiarid grassland-woodland in east-central New Mexico. *Human-Wildlife Interactions* 5(2):276-286.

Wampler, C.R., J.K. Frey, D.M. VanLeeuwen, J.C. Boren, and T.T. Baker. 2009. Mammals in mechanically thinned and non-thinned mixed coniferous forest in the Sacramento Mountain, New Mexico. *Southwestern Naturalist* 53(4):431-443.

Mason, G.J., T.T. Baker, D.S. Cram, J.C. Boren, A.G. Fernald, and D.M. VanLeeuwen. 2009. Mechanical fuel treatment effects on understory vegetation in a south central New Mexico dry mixed conifer forest. *Forest Ecology and Management* 257(3):868-875.

Mason, G.J., T.T. Baker, D.S. Cram, J.C. Boren, A.G. Fernald, and D.M. VanLeeuwen. 2008. Mechanical fuel treatment effects on fuel loads and indices of crown fire potential in a south central New Mexico dry mixed conifer forest. *Forest Ecology and Management* 251(3):195-204.

Halbritter, H.J., S.T. Smallidge, J.C. Boren, and S. Eaton. 2008. A guide to identifying livestock depredation. New Mexico State University Cooperative Extension Service, Range Improvement Task Force Report 77.

Nistler, C.M., J.C. Boren, and D. Rollins (eds.). 2007. Symposia: Prescribed livestock grazing to enhance wildlife habitat. Proceedings of the Symposium presented at the 59<sup>th</sup> Annual Society for Range Management Meeting. Montana State University Press.

Boren, J.C., and T.T. Baker. 2007. Challenges and opportunities for developing prescribed grazing guidelines to enhance habitat for endangered species in the Southwest. Pages 47 – 59 *In* Proceedings of the Symposium presented at the 59<sup>th</sup> Annual Society for Range Management Meeting. Montana State University Press.

Baker, T.T., J.C. Boren, and M.K. Wood. 2007. Livestock grazing prescriptions to enhance riparian wildlife habitat? A review. Pages 30 – 46 *In* Proceedings of the Symposium presented at the 59<sup>th</sup> Annual Society for Range Management Meeting. Montana State University Press.

Boren, J.C. 2007. Bats in buildings: Proper exclusion techniques in New Mexico. New Mexico State University Cooperative Extension Service, Guide L-202.

Boren, J.C., S.C. Eaton, and F. Hodnett. 2007. 4-H project booklet: Big game in New Mexico. New Mexico State University Cooperative Extension Service, 100.J-26.

Mason, G.J., Terrell T. Baker, Douglas S. Cram, Jon, C. Boren, Alexander G. Fernald, Dawn M. VanLeeuwen. 2007. Mechanical fuel treatment effects on fuel loads and indices of crown fire potential in a south central New Mexico dry mixed conifer forest. *Forest Ecology and Management* 251(3):195-204.

Allison, C., Holechek, J., T.T. Baker, J.C. Boren, and J. Fowler. 2007. Rapid assessment methodology for determining range condition. *Rangelands* 29(2):45-50.

Pehr, D.J., T.T. Baker, J. Boren, D. Cram, G. Mason. 2006. Branching Out: NMSU Researchers Study Impact of Forest Thinning. NMSU Research and Resources. 1(1):12-13.

Cram, D. S., T. T. Baker, J. C. Boren, and C. B. Edminster. 2006. Wildland fire effects in silviculturally treated vs. untreated forest stands of New Mexico and Arizona. Research Paper RMRS-RP-55. Fort Collins, Colorado: U. S. Department of Agriculture, Forest Service, Rocky Mountain Research Station. 28 p.

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Holechek, J., T.T. Baker, J.C. Boren, and D. Gault. 2006. Grazing impacts on rangeland vegetation: what we have learned. *Rangelands* 28(1): 7-13.

Boren, J.C., T.T. Baker, D. Cowley, G. Mason, S. Eaton, and B. Hurd. 2004. Terrestrial Vegetation inventory of water delivery systems between San Acacia Diversion and the Bosque Del Apache national Wildlife Refuge. New Mexico Water Resource Research Institute Technical Completion Report.

Allison, C.D., J. Holechek, J.C. Boren, T.T. Baker, J.M. Fowler, N.K. Ashcroft, and A.P. McIntosh. 2004. Using the rapid assessment methodology (RAM) to make adaptive management decisions. New Mexico State University Cooperative Extension Service, Range Improvement Task Force Report 58.

Holechek, J.L., T.T. Baker, and J.C. Boren. 2004. Impacts of controlled grazing versus grazing exclusion on rangeland ecosystems: what we have learned. New Mexico State University Cooperative Extension Service, Range Improvement Task Force Report 57.

Boren, J.C., T.T. Baker, B.J. Hurd. 2004. Tanning deer hides and small fur skins. New Mexico State University Cooperative Extension Service, Guide L-103.

J.C. Boren, B.J. Hurd. 2004. How to prepare pelts. New Mexico State University Cooperative Extension Service, Guide L-101.

Boren, J.C., T.T. Baker, and D.E. Cowley, B.J. Hurd. 2003. Growing trout in New Mexico ponds. New Mexico State University Cooperative Extension Service, Guide L-108.

Hurd, B.J., and J.C. Boren. 2003. Effects of big game and livestock on plant cover in logged areas. Proceedings of the Fifth Western States and Provinces Deer and Elk Workshop, Jackson Hole, Wyoming.

Hurd, B.J., and J.C. Boren. 2003. Effects of big game and livestock on plant cover in logged areas of the Sacramento Mountain. Proceedings of the 2003 New Mexico/Arizona Joint Wildlife Society Meetings, Gallup, NM.

Finch, D.M., S.I. Rothstein, J.C. Boren, W.L. Graf, J.L. Holechek, B.E. Kus, R.M. Marshall, S.J. Sferra, M.K. Sogge, J. Stromberg, B.A. Valentine, M.J. Whitfield, and S.O. Williams. 2003. Southwestern willow flycatcher recovery plan. U.S. Fish and Wildlife Service, Albuquerque, NM.

Boren, J.C., and B.J. Hurd. 2003. Rabbits and their control in New Mexico. New Mexico State University Cooperative Extension Service, Guide L-210.

Boren, J.C., and B. J. Hurd. 2003. Controlling nuisance woodpeckers in New Mexico. New Mexico State University Cooperative Extension Service, Guide L-211.

Boren, J.C., and B. J. Hurd. 2003. Controlling nuisance birds in New Mexico. New Mexico State University Cooperative Extension Service, Guide L-212.

Boren, J.C., and R. Valdez. 2002. Rodent control and protection from hantavirus. New Mexico State University Cooperative Extension Service, Guide L-209.

Boren, J.C., and B.D. Wright. 2002. Controlling bats in New Mexico. New Mexico State University Cooperative Extension Service, Guide L-202.

Tafoya, J.J., V.W. Howard, Jr., and J.C. Boren. 2001. Diets of elk, mule deer and coues white-tailed deer on Fort Bayard in southwestern New Mexico. New Mexico State University Cooperative Extension Service, Range Improvement Task Force Report 52.

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Allison, C.D., T.T. Baker, J.C. Boren, B.D. Wright, and S. Fernald. 2001. Range, riparian, water quality, and wildlife monitoring for ranchers in New Mexico. New Mexico State University Cooperative Extension Service, Range Improvement Task Force Report 53.

Allison, C.D., T.T. Baker, J.C. Boren, and S. Fernald. 2001a. Field kit developed to monitor rangelands, riparian areas, water quality, and wildlife on ranchers in New Mexico. New Mexico State University Cooperative Extension Service.

Allison, C.D., T.T. Baker, J.C. Boren, B.D. Wright, and S. Fernald. 2001b. Field notebook and data sheets developed to monitor rangelands, riparian areas, water quality, and wildlife on ranchers in New Mexico. New Mexico State University Cooperative Extension Service.

Baker, T.T., J.C. Boren, and C.D. Allison. 2001. Strategies for livestock management in riparian areas in New Mexico. New Mexico State University Cooperative Extension Service, Guide B-119.

Boren, J.C., and B.D. Wright. 2001. Controlling rock squirrels in New Mexico. New Mexico State University Cooperative Extension Service, Circular 574.

Baker, T.T., and J.C. Boren. 2000. Livestock management in woody-dominated Southwestern riparian areas: A summary and extrapolation of the literature. New Mexico State University Cooperative Extension Service, Range Improvement Task Force Report 50.

Allison, C.D., J.C. Boren, and T.T. Baker. 2000. Herbaceous utilization by elk in selected mountain meadows in the Gila National Forest. New Mexico State University Cooperative Extension Service, Range Improvement Task Force Report 49.

Baker, T.T., and J.C. Boren. 2000. Revisions to the aquatic ecology curriculum for New Mexico 4-H sportfishing program curriculum. New Mexico State University Cooperative Extension Service.

Boren, J.C., and B.D. Wright. 1999. Wildlife survival in desert environments. *New Mexico Journal of Science*, Volume 39.

Treadaway, M., V.W. Howard, Jr., C.D. Allison, M.K. Wood, and J.C. Boren. 1999. Forage utilization by elk and livestock in selected riparian areas in the Gila National Forest. New Mexico State University Cooperative Extension Service, Range Improvement Task Force Report 47.

Boren, J.C., D.M. Engle, R.E. Masters, and T. G. Bidwell. 1999. Effects of land use change on breeding bird community structure in a forest-grassland ecotone. *Journal of Range Management* 52:420-430.

Criner, T.L., D.M. Engle, J.C. Boren, and R. E. Masters. 1999. Response of breeding birds in the Great Plains to low density urban sprawl. *Great Plains Research* 9:55-73.

Boren, J.C., and B.D. Wright. 1999. Identifying and preserving wildlife tracks. New Mexico State University Cooperative Extension Service, Circular 561.

Boren, J.C., and B.D. Wright. 1999. Controlling Skunks in New Mexico. New Mexico State University Cooperative Extension Service, Guide L-204.

Boren, J.C. 1999. Vertebrate pest management for turfgrass managers in the Southwest. Proceedings from the 1999 Southwest Turfgrass Annual Conference, New Mexico State University Cooperative Extension Service.

Boren, J.C. 1998. Relationships between elk, cattle and mule deer. Proceedings from the Conference on Livestock and Elk Habitat Management in the Southwest, Society for Range Management and New Mexico Cooperative Extension Service.

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Wright, B.D., J.C. Boren, J.M. Fowler, and R.L. Steiner. 1998. Comparisons between New Mexico fee hunting enterprises on public and private land ranches. In: M.D. Talavera, R.B.E. Gama, S.F. Clemente, and N.J. y Palacio. (eds.). *Memoria II Congreso Internacional sobre Aves y Mamiferos Cinegeticos del Mundo*. Colegeticos del Mundo. Colegio de Postgraduados, Campus San Luis Potosi. Toluca, Estado de Mexico. Mexico. 79 p.

Boren, J.C., and B.D. Wright. 1998. Attracting hummingbirds to your backyard. New Mexico State University Cooperative Extension Service, Circular 558.

Boren, J.C., B.D. Wright, M.J. Daniel, D.E. Martinez, and O.A. Martinez. 1998. New Mexico 4-H sportfishing program curriculum. New Mexico State University Cooperative Extension Service.

Boren, J.C., and B.D. Wright. 1998. Field care of harvested big game. New Mexico State University Cooperative Extension Service, Circular 507.

Boren, J.C. and B.D. Wright. 1998. New Mexico snakes: information for New Mexico homeowners. New Mexico State University Cooperative Extension Service, Circular 541.

Boren, J.C. 1997. Brown-headed cowbird parasitism on southwestern willow flycatcher: a literature review. New Mexico State University Cooperative Extension Service, Range Improvement Task Force Report 44.

Boren, J.C., V.W. Howard, Jr., D.S. Casady, and G. Morris Southward. 1997. Management of mountain mahogany and Wright's silktassel to increase browse availability for big game. New Mexico State University Cooperative Extension Service, Range Improvement Task Force Report 43.

Boren, J.C., D.M. Engle, M.S. Gregory, R.E. Masters, T.G. Bidwell, and V.A. Mast. 1997. Landscape structure and change in a hardwood forest-tallgrass prairie ecotone. *Journal of Range Management* 50:244-249.

Boren, J.C., D.M. Engle, and R.E. Masters. 1997. Vegetation cover type and avian species changes on landscapes within a wildland-urban interface. *Ecological Modelling* 103:251-266.

Treadaway, M., V.W. Howard, Jr., C.D. Allison, and J.C. Boren. 1997. Elk vs. livestock: forage utilization study in portions of the Gila National Forest. Proceedings of the Thirteenth Great Plains Wildlife Damage Control Workshop.

Boren, J.C. 1997. Prairie dog control in New Mexico. New Mexico State University Cooperative Extension Service, Guide L-201.

Boren, J.C. 1997. Controlling pocket gophers in New Mexico. New Mexico State University Cooperative Extension Service, 400 L-2.

Wright, B.D., and J.C. Boren. 1997. FFA wildlife contest: wildlife skulls. New Mexico State University Cooperative Extension Service.

Wright, B.D., and J.C. Boren. 1997. FFA wildlife contest: wildlife tracks. New Mexico State University Cooperative Extension Service.

Boren, J.C., R.L. Lochmiller, and D.M. Leslie, Jr. 1996. Relationship of serum and muscle free amino acids to dietary protein in northern bobwhite. *Proceedings of the Oklahoma Academy of Science* 76:55-65.

Boren, J.C. 1996. Multiple use resource management: recreational lease opportunities for New Mexico landowners. Proceedings of the Fourth Annual Southwest Beef Efficiency Enhancement Forum, Department of Animal and Range Sciences, New Mexico State University and New Mexico Cooperative Extension Service.

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Boren, J.C., R.L. Lochmiller, D.M. Leslie, Jr., and D.M. Engle. 1995. Amino acid concentrations in seed of preferred forages of bobwhites. *Journal of Range Management* 48:141-144.

Peoples, A.D., R.L. Lochmiller, D.M. Leslie, Jr., J.C. Boren, and D.M. Engle. 1994. Essential amino acids in northern bobwhite foods. *Journal of Wildlife Management* 58:167-175.

Peoples, A.D., R.L. Lochmiller, J.C. Boren, D. M. Leslie, Jr., and D. M. Engle. 1994. Limitations of amino acids in diets of northern bobwhites (*Colinus virginianus*). *American Midland Naturalist* 132:104-116.

Boren, J.C., R.L. Lochmiller, and M.R. Vestey. 1993. Profiles of serum amino acids to assess condition of cotton rats (*Sigmodon hispidus*). *Journal of Mammalogy* 74:943-951.

Boren, J.C., R.L. Lochmiller, D.M. Leslie, Jr., and D.M. Engle. 1993. Long-term effects of woody vegetation management on seasonal body condition of northern bobwhites. *Journal of Range Management* 46:520-523.

Boren, J.C., R.L. Lochmiller, J.F. Boggs, S.T. McMurry, D.M. Leslie, Jr., D.M. Engle, and H. E. Jordan. 1993. Responses of intestinal nematodes in white-footed mouse (*Peromyscus leucopus*) populations to rangeland modification. *Proceedings of the Oklahoma Academy of Science* 73:39-44.

Boren, J.C., R.L. Lochmiller, J.F. Boggs, and D.M. Leslie, Jr. 1993. Gastrointestinal helminths of eastern woodrat populations in central Oklahoma. *Southwestern Naturalist* 38:146-149.

Lochmiller, R.L., M. Vestey, J.C. Boren. 1993. Relationship between protein nutritional status and immunocompetence in juvenile northern bobwhites. *Auk* 110:503-510.

Anderson, S., and J.C. Boren. 1990. Deer in Oklahoma: natural history and management. Oklahoma State Extension Facts No. 9009, Oklahoma State University, Stillwater, OK.

### **Selected Grants Awarded**

Baker, T.T., J.C. Boren, D. Cram, and B. Hurd. 2008-2010. Inventory of southwestern national forest wildfires: An assessment of silviculturally treated versus untreated wildland fires. USDA Rocky Mountain Experiment Station Grant (\$176, 354 total).

Boren, J.C., T.T. Baker, D. Cram. 2007-2008. Foraging relationships between elk, mule deer and cattle on salvage-logged sites in southwestern national forests: Research joint venture amendment for Phase Four. USDA Rocky Mountain Experiment Station Grant (\$148,176 total).

Boren, J.C., T.T. Baker, J. Fowler, and C.D. Allison. 2006 – 2008. . New Mexico State University's Joe Skeen Institute for Forest and Rangeland Management Research – Forest/Rangeland Restoration Initiative. Joe Skeen Institute for Rangeland Restoration. (\$92,000 total).

Baker, T. T., J. C. Boren, D. Cram, J. Fowler, and C.D. Allison. 2006-2008. New Mexico State University's Joe Skeen Institute for Forest and Rangeland Management Research – Forest/Rangeland Restoration Initiative. Joe Skeen Institute for Rangeland Restoration. (\$92,000 total).

Boren, J.C., and Baker, T.T. 2006-2007. Foraging relationships between elk, mule deer and cattle on salvage-logged sites in southwestern national forests: Research joint venture amendment for Phase Three. USDA Rocky Mountain Experiment Station Grant (\$80,888 total).

Baker, T.T., J.C. Boren, D. Cram, and B. Hurd. 2006-2007. Inventory of southwestern national forest wildfires: An assessment of silviculturally treated versus untreated wildland fires. USDA Rocky Mountain Experiment Station Grant (\$105,696 total).



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Boren, J.C., B.J. Hurd, and S. Eaton. 2004–2007. 4-H youth education in fisheries and wildlife management. United States Fish and Wildlife Service, Extension/Sea Grant Program (\$50,000 total).

Boren, J.C., Baker, T.T., D. Cram, J. Fowler, and C.D. Allison. 2004-2006. New Mexico State University Joe Skeen Institute for Forest and Range management Research and Education: Wildlife Management and Ecology. (\$115,464 total).

Boren, J.C., Baker, T.T., D. Cram, J. Boren, J. Fowler, and C.D. Allison. 2003-2005. New Mexico State University Joe Skeen Institute for Forest and Range Management Research and Education: Wildlife Management and Ecology. (\$145,102 total).

Boren, J.C. and T.T. Baker, B. Hurd, and D. Cram. 2004. Foraging relationships between elk, mule deer and cattle on salvage-logged sites in southwestern national forests: Research joint venture amendment for Phase Two. USDA Rocky Mountain Experiment Station Grant (\$83,000 total).

Baker, T.T., J.C. Boren, D. Cram, and B. Hurd. 2003-2006 Inventory of southwestern national forest wildfires: An assessment of silviculturally treated versus untreated wildland fires. USDA Rocky Mountain Experiment Station Grant (\$83,000/yr for 3 years, \$102,702 for 1 year, \$351,702 total).

Boren, J.C., T.T. Baker, B. Hurd, J. Fowler. 2002-2003. Foraging relationships between elk, mule deer and cattle on southwestern national forests: Research joint venture amendment for phase two. USDA Forest Service Rocky Mountain Research Station Grant (\$80,000/yr for 2 years, \$160,000 total).

Boren, J.C., T.T. Baker, and B.D. Wright. 2002-2003. Natural Resources Education for New Mexico Youth. Submitted to the United States Fish and Wildlife Service, Extension/Sea Grant Program (\$24,000 total).

Cowley, D.E., and J.C. Boren (Co-PI). 2001-2004. Agricultural irrigation systems and conservation of native fishes. Efficient Irrigation for Water Conservation in the Rio Grande Basin, New Mexico State University College of Agriculture and Home Economics (\$110,438 total).

Cowley, D.E., and J.C. Boren (Co-PI). 2002-2003. Water conveyance habitat assessment for the Middle Rio Grande Conservancy District. U.S. Bureau of Reclamation (\$35,591 total).

Baker, T.T., J.C. Boren, J.M. Fowler, and A. Fernald. 2001-2002. Inventory of southwestern national forest wildfires: An assessment of silviculturally treated versus untreated wildland fires. USDA Rocky Mountain Experiment Station Grant (\$112,500/yr for 2 years, \$225,000 total).

Boren, J.C., B.D. Wright, and T.T. Baker. 2000-2001. Foraging relationships between elk, mule deer and cattle on southwestern national forests: Research joint venture amendment for phase two. USDA Forest Service Rocky Mountain Research Station Grant (\$60,000/year for 2 years, \$120 total).

Valdez, R., and J.C. Boren. 2000. Annotated bibliography and outreach program for hantavirus. U.S. Department of Defense, Tooele Army Depot (\$14,750 total).

Baker, T.T., J.C. Boren, J.M. Fowler, and C.D. Allison. 2000-2001. Grazing Management of Southwestern Riparian Areas. Scarborough Linebery Foundation (\$15,000 total for 2 years).

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