

CURRICULUM VITAE

John Lad Koprowski

John L. Koprowski, Dean-Elect and Professor
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Chronology of Education

- Ph.D. *Biology* (Honors), University of Kansas, May 1991, Postdoctoral Studies 1991-1992
Dissertation Title: The evolution of sociality in tree squirrels: the comparative behavioral ecology of fox squirrels and eastern gray squirrels.
Advisor: Dr. Kenneth B. Armitage
- M.A. *Zoology* (Wildlife Ecology), Southern Illinois University, August 1985
Thesis Title: Fox squirrel population trends and regulation in a southern Illinois woodlot, 1968-1984.
Advisor: Dr. Willard D. Klimstra
- B.S. *Zoology* (Wildlife Biology), Ohio State University, June 1983
Research Title: Nocturnal activity of woodchucks (*Marmota monax*) in an urban park.
Advisors: Drs. John D. Harder and Tony J. Peterle

Chronology of Employment

Dean, Haub School of Environment & Natural Resources, Univ of Wyoming (2020 -present)
Professor, Haub School of Environment & Natural Resources, Univ of Wyoming
Wyoming Excellence Chair, Univ of Wyoming

Lead a collaborative transdisciplinary unit that emphasizes data-informed and collaborative decision making, policy development, conflict resolution, sustainability and applied conservation and management of natural resources.

Professor, School of Natural Resources, University of Arizona (2006 to 2020)
Associate Professor, School of Natural Resources, University of Arizona
August 2000-June 2006 (Tenure granted in 2003)
Director/Associate Director, School of Natural Resources & the Environment (2015 to 2020)
Director, Mt. Graham Biology Programs/Red Squirrel Monitoring Program
Faculty Affiliate, Institute of the Environment, University of Arizona
Member, Genetics Graduate Interdisciplinary Degree Program
Member, Masters in Development Practice Program

Establish and maintain comprehensive teaching (40%) and research (60%) programs in conservation biology. Supervise graduate students, serve on graduate student committees, advise undergraduates. Direct University of Arizona's Mt. Graham Biology Program. Taught courses in Zoo & Aquarium Conservation, Wildlife Behavior, Natural Resource Ecology, Wildlife Management, Climate Change & Energy Development, Small Mammal Conservation & Management, Applications of Behavioral Ecology to Conservation Biology, Biogeography and Conservation of the Sky Islands, Cultivating Diversity in the Natural Resources. Tenured on 1st application.\

*Lecturer, Darwin Programme, Zoological Society of London, Mongolia
August 2006*

Co-taught a 3 week field course in Desert Ecology and Census Techniques to Mongolian students in the Greater Gobi Desert Strictly Protected Area B.

*Associate Professor, Department of Biology, Willamette University
August 1998 to August 2000*

*Assistant Professor, Department of Biology, Willamette University
August 1992 to August 1998 (Tenure granted 1998)*

Establish and maintain teaching and undergraduate research program in animal ecology. Tenured on first year of eligibility. Teach 2 lectures and 2 laboratories each semester; in addition, team teach senior seminar class. Advise 20 to 30 undergraduate students per year and serve as undergraduate research thesis advisor for 5 to 10 senior biology majors each year. Taught courses in Introductory Biology, Biological Diversity, General Ecology, Evolutionary Biology, Behavioral Ecology, Vertebrate Zoology, Field Zoology, Comparative Vertebrate Anatomy, Marine Mammals, Conservation Biology, Mammalogy.

*Lecturer, Division of Biological Sciences, University of Missouri-Kansas City
August 1991 to May 1992*

Taught courses in Vertebrate Zoology, Urban Wildlife, Evolutionary Biology and Mammals of Kansas City

*Graduate Teaching Assistant, Department of Systematics & Ecology, University
of Kansas
January 1986 to May 1991*

Taught laboratory and/or discussion sections of Honors Introductory Biology (5), Introductory Biology (1), Honors Comparative Physiology (1), Animal Behavior (1), and Experimental Approaches to Ecology (4).

*Adjunct Biology Faculty, Department of Biology, Kansas City Kansas
Community College
August 1988 to December 1989*

Taught night courses (lecture and laboratory sections) in Introductory Biology.

Administrative and Leadership Roles

Dean, University of Wyoming's Haub School of Environment & Natural Resources

Serve as chief administrator of 18 faculty and 8 administrative staff in a collaborative transdisciplinary unit that emphasizes data-informed and collaborative decision making, policy development, conflict

resolution, sustainability and applied conservation and management of natural resources. The Ruckelshaus Institute, a division of the Haub School of Environment & Natural Resources, advances the understanding and resolution of complex environmental and natural resources challenges and supports stakeholder-driven solutions to environmental challenges by conducting and communicating relevant research and promoting collaborative decision making. Current enrollment of >400 undergraduate and graduate students in innovative BS, MS and JD/MS programs in environment, natural resources, policy, outdoor recreation and tourism.

Director, University of Arizona's School of Natural Resources & Environment
Director, Desert Southwest Cooperative Ecosystem Studies Unit

Serve as chief administrator of a 38 faculty, 10 administrative staff unit within the College of Agriculture & Life Sciences with programs in Natural Resource Studies, Watershed Management and Ecohydrology, Ecology Management and Restoration of Rangelands, and Wildlife and Fisheries Conservation and Management with \$7.2 million annually in research revenues. Procured >\$2.0 million in philanthropic investment in 1.5 years for programs within the School. Current enrollment of 240 undergraduate and 120 graduate students in BS, MS, and PhD programs in Natural Resources.

Associate Director, University of Arizona's School of Natural Resources & the Environment
Director of Graduate Studies, School of Natural Resources & the Environment
Director of Academic Programs, School of Natural Resources & the Environment (2015-2018)

Assist Director in the administration of a 38 faculty, 10 administrative staff unit within the College of Agriculture & Life Sciences with programs in Natural Resource Studies, Watershed Management and Ecohydrology, Ecology Management and Restoration of Rangelands, and Wildlife and Fisheries Conservation and Management with \$6.2 million annually in research revenues. Current enrollment of 180 undergraduate and 120 graduate students in BS, MS, and PhD programs in Natural Resources. Primary responsibility for academic and graduate programs, new hiring initiatives, peer-review of teaching and the 7-year academic program review.

Director, University of Arizona's Mt. Graham Biology Programs

Office of the Vice-President for Research (2000-present).

Web-Site: <http://www.ag.arizona.edu/research/redsquirrel/>

see Monitoring Program for some details

This program was mandated by Congress in the 1988 The Arizona-Idaho Conservation Act in response to the University of Arizona's construction of a major international astrophysical site (Mt. Graham International Observatory) and is now in its 21st year. The program is funded by the University of Arizona's Office of the Vice-President for Research and reports to the US Forest Service on a quarterly basis. The state-allocated annual budget is approximately \$350,000 with 4-5 full time employees in addition to 2-3 undergraduate student workers and 4-5 graduate student employees funded through nearly \$150,000 year in additional soft monies. The Red Squirrel Monitoring Program is charged with the complete monitoring, publication of results, and quarterly reporting for the endangered Mt. Graham red squirrel. This requires significant work with State and Federal Agencies (US Forest Service, US Fish & Wildlife Service, Arizona Game and Fish Department, National Park Service), University Programs (Steward Observatory, Office of the Vice-President for Research, School of Natural Resources and the Environment), and the general public. As Director of this program, I oversee these operations, serve as the primary budget authority, maintain hiring and training authority, provide research direction, publish results, and collaborate with the appropriate agencies to assure that the program is in compliance with the Arizona-Idaho Conservation Act as well as the primary federal and state agencies (USFS, USFWS, AZGFD).

Director, Desert Southwest Cooperative Ecosystems Studies Unit (2002-2003).

The DSCESU that I directed executed and provided collaborative research, education and technical assistance addressing desert ecosystem resource issues at local, regional, national and international levels through over 100 federally funded projects administered by the Unit with a staff of three. The DSCESU partnership establishes interdisciplinary programs that involve natural resources, cultural resources and social sciences information with emphasis on involving communities and underrepresented groups throughout California, Nevada, Arizona, New Mexico, Texas, and northwestern Mexico. Federal land management agencies contribute research scientists and/or other professionals located and working at CESUs under formal agreements between their respective bureaus and universities. Federal personnel are supervised and supported by their respective agencies, through existing administrative systems. Participating agencies provide scientific staff, administrative support funds (for assistance beyond the basic support provided by the universities), and project funds for specific research projects and technical assistance. At present, the DSCESU has as full participants: US Forest Service, US Geological Survey, NRCS, National Park Service, Bureau of Land Management, Bureau of Reclamation, Department of Defense, Sonoran Institute, The Nature Conservancy, Arizona-Sonora Desert Museum, Howard University, University of California-Riverside, New Mexico State University, Texas State University, Universidad de Sonora, and the University of Texas-El Paso. The DSCESU is one of 16 such federally funded CESU's nationwide. As Director, I was the primary contact with the federal, university, and non-government organization partners, supervise staff, provide future vision for the Unit, recruit new member agencies, and assure compliance of the Unit with the National Office.

Additional Academic Roles with Leadership Component:

Fellow, University of Arizona Academic Leadership Institute. 2012-2013 class.
 University of Arizona Committee on Promotion and Tenure. 2016-2018, Chair in 2020
 School of Natural Resources and the Environment Faculty Status Committee.
 (2003-2006, 2008-2011, 2015-2018; Chair in 2005-06, 2010-11, 2016-17). Elected by peers.
 College of Agriculture and Life Sciences, Promotion and Tenure Committee, 2010-2013.
 Associate Chair (2011-2012), Chair (2012-2013)
 School of Natural Resources and the Environment Policy Committee (2004 to 2006). Elected by peers.
 Director's *Ad hoc* Committee on Diversity (2004-05)
 The Willamette University Faculty Council (1999-2000). Elected by peers.
 Junior Science Faculty Mentorship Colloquium (1998-2000)
 NSF Project Kaleidoscope Faculty 21 Leadership Program (1996 to present)
 Willamette University Undergraduate Research Committee (Chair 1995-96)

Honors and Awards

National/International

2019	Fellow , Linnean Society of London
	Honorary Faculty , Università degli studi dell'Insubria
2018	Fellow , American Association for the Advancement of Science
2016	Visiting Scholar

Northwest Agriculture & Forestry University, Yangling,
People's Republic of China.

IUCN North American Coordinator-Small Mammals

- 2015 **Visiting Research Professor**
Kyoto University Museum
Kyoto University, Japan
- Kapital Ludzki Visiting Fellow**
Institute of Environmental Biology
Adam Mickiewicz University, Poznan, Poland
- 2014 **Fellow**, The Wildlife Society
- Visiting Scholar**
Northwest Agriculture & Forestry University, Yangling,
People's Republic of China.
- Professional Service Award**
Arizona Chapter of The Wildlife Society
- 2013 **IUCN North American Coordinator-Small Mammals**
- Visiting Scholar**
Northwest Agriculture & Forestry University, Yangling,
People's Republic of China.
- 2011 **Research Fellow, Forestry and Forest Products Research Institute,
Japan**
- 2010 **IUCN North American Coordinator-Small Mammals**
- Outstanding Edited Publication Nominee**
The Wildlife Society
for book titled "*Last Refuge of the Mt. Graham Red Squirrel*"
- 2002 **Outstanding Publication Nominee**
The Wildlife Society
for book titled "*North American Tree Squirrels*"
- 1999 **Emil W. Haury Award for Outstanding Achievement in
Science in the National Parks**
Western National Parks Association
- 1985 **Phi Kappa Phi** (declined)
- University
- 2020 **International Collaboration Award**
School of Natural Resources & the Environment
- 2017 **Outstanding Faculty Member**
School of Natural Resources & the Environment
- 2013 **Outstanding Faculty Member**
School of Natural Resources & the Environment

	Outstanding Mentor Finalist & Honorable Mention Undergraduate Biology Research Program
2012	Academic Leadership Institute Fellow University of Arizona
2011	Outstanding Mentor of Graduate and Professional Students University of Arizona Graduate & Professional Student Council
	Outstanding Faculty Advisor Finalist University of Arizona
	A+ Advisor Award Finalist College of Agriculture and Life Sciences
2010	A+ Advisor Award Finalist College of Agriculture and Life Sciences
2008	Outstanding Mentor Finalist & Honorable Mention Undergraduate Biology Research Program
2007	Outstanding Scholarly Publication School of Natural Resources
2006	O'Brien Diversity Award College of Agriculture and Life Sciences
	Promotion to Professor University of Arizona
2005	Outstanding Faculty Member School of Natural Resources
2004	Outstanding Team Award College of Agriculture and Life Sciences
2003	Outstanding Faculty Member School of Renewable Natural Resources
	Tenure granted University of Arizona
2002	Outstanding Scholarly Publication School of Renewable Natural Resources, Univ Arizona for book titled " <i>North American Tree Squirrels</i> "
1994, 1996, 1999, 2000	Faculty Achievement Award for Scholarship and Teaching Willamette University (University-wide competitive Awards to <5% of 120 person faculty annually)
2000	Faculty Study Time Award (University-wide competitive for course release). Willamette University
1998	Tenure granted Willamette University
1997	Promotion to Associate Professor Willamette University
1996	Junior Sabbatical (University-wide competitive award) Willamette University
1991	Dorothy Haglund Outstanding Dissertation Award, The Graduate School, University of Kansas Awarded for the most outstanding dissertation produced during the academic year in any field at the University of Kansas
1990	Graduate Teaching Assistant of the Year (University-wide competitive award) University of Kansas

Service

Graduate Advisor:

Masters – Samuel Abercrombie, Maria Altemus, Kendell Bennett (in progress), Seafha Blount, Colin Brocka (in progress), Deborah Buecher, Alexandra Burnett, Nichole Cudworth, Sandra Doumas, Neil Dutt (in progress), Andrew Edelman, Kirsten Fulgham, R. Nathan Gwinn, Timothy Jessen (in progress), Deandra Jones (in progress), Heatherlee Leary (in progress), Kate Leonard, Shari Ketcham, Alyssa Kilanowski, Max Mazzella, Rebecca Minor, Cherie Nelson (in progress), Geoffrey Palmer, Rosa Palmer, Bret Pasch, Erin Posthumus, Margaret Rheude, Carol Schauffert, Amanda Veals, David Wood, Hejie Xu (in progress), Meghan Yurenka (Vet School), Claire Zugmeyer.

Doctoral – Brian Blais (in progress), Manoj Busal (in progress), Allie Burnett (in progress), Hsiang Ling Chen, Jonathan Derbridge, Sarah Hale, Kira Hefty (in progress), Yeong Seok-Jo (transferred to Texas Tech), Alejandro Ganesh Marin Mendez (in progress), Melissa Merrick, Marina Morandini (in progress), Karen Munroe, Aletris Neils, Shambhu Paudel (in progress), Nicolas Ramos-Lara, Ivan Mauricio Vela-Vargas (in progress), Stuart Wells (in progress).

Outreach-Local/State/International

2010-present	>10 media interviews per year
2019	PhD external examiner, University of Manitoba, Canada
2015	PhD final examination committee, University of Insubria, Italy PhD external examiner, Deakin University, Australia
2014	Viva voce, University College Cork, Ireland
2012-present	Research Advisory Board member, Reid Park Zoo
2006-present	Member, Vertebrate Species Team, Sonoran Desert Conservation Plan
2006-present	Member, Thick-billed Parrot Reintroduction Team, Arizona Game & Fish Dept.
2006	Lecturer, Darwin Programme, Zoological Society of London, Ulaanbataar, Mongolia
2001-present	Presentations at Quail Run Elementary School, Tortolita Middle School, Tucson
2001-present	Member, Mt. Graham Red Squirrel Recovery Team. US Fish & Wildlife Service
2001-present	Member, Black-Tailed Prairie Dog Working Group, Arizona Game & Fish Dept.
1999-2000	Presentations, 1 st & 2 nd grade classes, Lyle Elementary, Dallas, OR
1996-2000	Endangered Species Project Panelist, Waldo Middle School, Salem, OR

Intramural Citizenship

School of Natural Resources & the Environment Committees:

Director/Associate Director, 2015 – present

Director of Graduate Studies, 2015 – 2018
 Director of Academic Programs, 2015 – 2018
 Curriculum Committee, 2013 – 2018
 Faculty Status Committee, 2003 – 2006, 2008 – 2011, 2015 – 2018;
 Chair 2005-06, 2010-11, 2016-17, elected by peers
 Policy Committee At-large member, 2004-05, elected by peers
 RNR Graduate Admissions Committee, 2002 to present
Ad hoc Diversity Committee, 2005-06
 Seminar Series Coordinator. 2001- 02, 2005-06, 2013-14
 School of Natural Resources Awards Committee, 2001-03, 2007-present; Chair 2007-
 2008, 2009-10
 Search Committees:
 SNRE, Professor of Practice, 2018 (chair)
 SNRE, Asst Leader, Cooperative Fish & Wildlife Research Unit, 2013
 SNRE, Large Mammal Landscape Ecologist, 2011-2012 (chair)
 SNRE, Phenoclimatologist, 2009-2011
 SNR, Director Search, 2005-06
 SNR, Water Resources, 2005
 SNR, Forest Health Specialist, 2001-02

University Committees:

University Heads Steering Committee, Provost's Office, 2019 – present elected by peers
 University Advisory Committee on Promotion and Tenure, 2016 to 2018, Chair 2020
 The Graduate Council, University of Arizona, 2015 to 2018
 College of Agriculture and Life Sciences, Undergraduate Curriculum Committee, 2016-present
 College of Agriculture and Life Sciences, Promotion and Tenure Committee, 2010-2013.
 Associate Chair, 2011-2012; Chair, 2012-2013
 Mt. Graham International Observatory Advisory Group, Steward Observatory
 University of Arizona, Fall 2000-present
 Advisory Board, Institute of the Environment, 2013-present
 Faculty Mentor for AZ Assurance Scholars (1st generation college students), 2008-present
 Reviewer, Agricultural Experiment Station, 2002 - present
 Reviewer, Conservation Biology Internship Program, 2003-04
 Director, Desert Southwest Cooperative Ecosystems Studies Unit, 2002-03
 Mentor, Conservation Biology Internship Program, 2002-05
 Mentor, Undergraduate Biology Research Program, 14 students, Spring 2001-
 present
 The Willamette University Faculty Council (1999-2000). Elected by peers.

Undergraduate Research Committee (1994-1996, 1998-1999; Chair 1995-96)

International Education Committee (1997-1998)

Representative to the Malheur Field Station Board (1992-2000)

Extramural Citizenship

Associate Editor/Editorial Board for *Journal of Mammalogy* (2007-10), *Mammal Study* (Japan) (2010-present), *Journal of Species Research* (South Korea) (2012-2019) *Hystrix* (2016-present)

Reviewer for *Acta Oecologia* (1), *Acta Theriologica* (4), *Acta Sinica Theriologica* (2), *Adaptive Behavior* (1), *African Journal of Ecology* (2), *American Midland Naturalist* (6), *Animals* (5), *Animal Behaviour* (11), *Animal Cognition* (1), *Annual Review & Research in Biology* (1), *Austral Ecology* (1), *Behavioral Ecology and Sociobiology* (6), *Behavioral Ecology* (4), *Behaviour* (2), *Biodiversity and Conservation* (2), *Biological Conservation* (7), *Biological Invasions* (2), *Biological of the Linnean Society* (1), *Biology Letters* (1), *Bulletin of the Southern California Academy of Sciences* (1), *Canadian Field-Naturalist* (2), *Canadian Wildlife Biology & Management* (1), *Current Science* (5), *Current Zoology* (1), *Diversity and Distributions* (1), *Ecological Modelling* (2), *Ecology* (4), *Ecology, Ethology & Evolution* (2), *Ecology Letters* (1), *Ecological Research* (1), *Environmental Conservation* (1), *Ethology* (4), *European Journal of Wildlife Research* (1), *Evolution* (1), *Forest Ecology and Management* (5), *Forestry* (3), *Frontiers in Ecology and Evolution* (4), *Global Ecology & Conservation* (1), *Hystrix* (6), *Journal of Applied Ecology* (2), *Journal of Asia-Pacific Biodiversity* (1), *Journal of Chemical Ecology* (1), *Journal of College Science Teaching* (1), *Journal of the King Saud University* (2), *Journal of Mammalogy* (34), *Journal of Mountain Science* (1), *Journal of the Pennsylvania Academy of Sciences* (2), *Journal of Species Research* (2), *Journal of Threatened Taxa* (1), *Journal of Tropical Ecology* (1), *Journal of Wildlife Management* (7), *Journal of Zoology* (3), *Landscape Ecology* (2), *Landscape and Urban Planning* (2), *Mammalia* (7), *Mammalian Biology* (4), *Mammalian Species* (2), *Mammal Review* (2), *Mammal Study* (12), *Molecular Ecology* (1), *Molecular Ecology Resources* (2), *Mongolian Journal of Biological Sciences* (2), *National Science Foundation* (8), *Nature* (1), *Naturwissenschaften* (1), *NSERC* (4), *Northeastern Naturalist* (2), *Oecologia* (1), *Pakistan Journal of Zoology* (2), *PLOS One* (6), *Prairie Naturalist* (2), *Quarterly Review of Biology* (1), *Revue d'écologie: la terre et la vie* (1), *Science* (2), *The Southwestern Naturalist* (8), *Transportation Research* (1), *Tropical Zoology* (1), *Urban Ecosystems* (1), *Urban Forestry & Urban Greening* (1), *Western North American Naturalist* (5), *Wildlife Biology* (1), *Wildlife Monographs* (1), *Wildlife Society Bulletin* (1), *Zoo Biology* (1), *Zoological Journal of the Linnean Society* (1), *Zoological Science* (2).

Reviewer for 8 scholarly books:

Gurnell and Wauters, 1999, *Natural History of Squirrels*, Academic Press

Linzey, 2000, *Vertebrate Zoology*, WC Brown/McGraw-Hill

Odum, 2002, *Fundamentals of Ecology*, Wadsworth Publishing

Sinclair, Fryxell, and Caughley, 2004, *Wildlife Ecology*, Blackwell

Allred, 2007, *Natural History of Tassel-eared Squirrels*, Univ of New Mexico Press

Ricklefs, 2007 and 2011, *Economy of Nature*, Freeman

Yahner, 2012, *Wildlife Behavior*, Springer

Manno, 2013, *The Utah Prairie Dog: Legend of the Red Rocks*, University of Utah Press

Session Chair, American Society of Mammalogists, 2002, 2004, 2006, 2008

Arizona Chapter of The Wildlife Society, 2011

Student Presentation Evaluator, American Society of Mammalogists (1999, 2001-present)
AZ-NM Chapter of The Wildlife Society (2002-present)

Breakfast w/a Scientist Host, Amer. Soc. Mamm. (1997, 2002, 2004, 2005, 2008, 2013, 2015)

Professional Society Committee Membership:

Office of the Ombudspersons, 2018 – present
Membership Committee, American Society of Mammalogists, 2017-2019, Chair
International Wildlife Committee, 2016-present
International Wildlife Management Symposia, The Wildlife Society, 2013-2015
Climate Change Working Group, The Wildlife Society, 2012-present
International Wildlife Working Group, The Wildlife Society, 2013-present
Panel Discussion Subcommittee, The Wildlife Society, 2013-2015
Symposium Committee, International Wildlife Management Congress, Co-chair
Grants-in-Aid Committee, American Society of Mammalogists, 2002 to 2019
Conservation Awards Committee, American Society of Mammalogists, 2003-2008
Education Committee, American Society of Mammalogists, 2002-2004, 2016-present

Professional Society Offices and Appointments Held

Board of Directors, American Society of Mammalogists, 2013-present
Editorial Board/Associate Editor, *Journal of Species Research*, 2012-2019
Editorial Board, *Mammal Study*, 2010-present
Editorial Board, *Hystrix*, 2016-present
Associate Editor, *Journal of Mammalogy*, 2007-10
President, Arizona Chapter of The Wildlife Society, 2004-05
President Elect, Arizona Chapter of The Wildlife Society, 2003-2004
Executive Board Member, Arizona Chapter of The Wildlife Society, 2005-07

Convener and Host

2nd International Colloquium on the Ecology of Tree Squirrels, Sublimity, OR (2000)
Workshop on the Ecology of Red Squirrels, Safford, AZ (2001 until May 2003)
Joint Annual Meeting of the Arizona/New Mexico Chapter of AFS and the
Arizona & New Mexico Chapters of The Wildlife Society, Flagstaff AZ (2006)

Steering Committees

3rd International Colloquium on the Ecology of Tree Squirrels, Newcastle, England (2001-03)
4th International Colloquium on the Ecology of Tree Squirrels, Kerala, India (2003-06)
5th International Colloquium on the Ecology of Tree Squirrels, Kamloops, BC (2006-09)
6th International Colloquium on the Ecology of Arboreal Squirrels, Kyoto, Japan (2009-12)
7th Intern'l Colloquium on the Ecology of Arboreal Squirrels, Helsinki, Finland (2012-15)
8th International Colloquium on the Ecology of Squirrels, Galway, Ireland (2015-18)

Certification

Certified Wildlife Biologist, The Wildlife Society

Professional Society Memberships:

American Association for the Advancement of Science	International Society for Behavioral Ecology
Sigma Xi, The Scientific Research Society	Society for Conservation Biology
Southwestern Association of Naturalists	The Wildlife Society
American Society of Mammalogists	Animal Behavior Society
Council on Undergraduate Research	Association of Zoos and Aquariums

Panel Member:

Mt. Graham Red Squirrel Recovery Team, US Fish & Wildlife Service (2001 – present)

Technical Advisor, Western Gray Squirrel Recovery Team, State of Washington
(2003 – 2010)

Grazing Impacts on Mammals of the SW, Region 3-US Forest Service (2001)

Sensitive Species Review Team, US Forest Service, Region V (2002 to present)

Publications/Creative Activity:**Books:**

Steele, MA, Koprowski, JL. 2001. *North American Tree Squirrels*. Smithsonian Institution Press. 224 pp.

Sanderson, HR, Koprowski, JL. (eds). 2009. *The Last Refuge of the Mt. Graham Red Squirrel: Ecology of Endangerment*, University of Arizona Press.

Thornington, RW, Koprowski, JL, Steele, MA, Whatton, J. 2012. *Squirrels of the World*, Johns Hopkins University Press.

Jo, Y-S., Baccus, J, Koprowski, JL. 2018. *Mammals of Korea*. Ministry of Biological Resources, Korea.

Koprowski, JL, Krausman, PR. 2019. *International Wildlife Management: Conservation Challenges in a Changing World*, Johns Hopkins University Press.

Kawamichi, T, Koprowski, JL. *Musasabi: the Japanese Flying Squirrel*. Contract signed with Johns Hopkins University Press.

Koprowski, JL, Baccus, J, Koprowski, JL. *Field Guide to the Mammals of Korea*. Ministry of Biological Resources, Korea. Contract signed.

Book Chapters:

Batcheller, G, D Caveny, MA Johnson, JL Koprowski, P Schmidt. 2020. The role of men in fostering diversity. In: Chambers, CL, KL Nicholson (eds). *Women in Wildlife Sciences: Building a Diverse Future*. Johns Hopkins University Press, Baltimore, USA.

Koprowski, JL, JF González-Maya, DA Zárrate-Charry, DA, UR Sharma, C Spencer. 2019. Local approaches and community-based conservation. In: Koprowski, JL, PR Krausman (eds). *International Wildlife Management: Conservation Challenges in a Changing World*. Johns Hopkins University Press, Baltimore, USA.

Koprowski, JL, PR Krausman, D Wang. 2019. International wildlife: a global perspective. In: Koprowski, JL, PR Krausman (eds). *International Wildlife Management: Conservation Challenges in a Changing World*. Johns Hopkins University Press, Baltimore, USA.

Palmer, RR, Koprowski JL. 2018. Influence of time and flood on diurnal mammal diversity and story level use in Igapó Forest in the Peruvian Amazon. In: Myster RW (ed). 2018. *Igapó (Black-water flooded forests) of the Amazon Basin*. Springer, Bern, Switzerland.

Koprowski, J.L. 2017. Introduction. In: González-Maya JF, Galindo-Tarazona R, Urquijo Collazos MM, Zárate Vanegas M & Parra-Romero A (eds). 2017. *El Oso Andino en el Macizo de Chingaza*. Empresa de Acueducto, Alcantarillado y Aseo de Bogotá D.C. /EAB-ESP, Corporación Autónoma Regional del Guavio - CORPOGUAVIO, Parques Nacionales Naturales de Colombia

- (Parque Nacional Natural Chingaza, Dirección Territorial Orinoquía) & Proyectos de Conservación de Aguas y Tierras - ProCAT Colombia. Bogotá, D.C. Colombia.
- Koprowski, J.L., K.E. Munroe. 2017. The professional interview: preparing for success. Pp. 158-165, In: Henke, S.E., Krausman, P.R. (eds.) *Becoming a Wildlife Professional*, Johns Hopkins University Press, Baltimore.
- Koprowski, J.L., E.A. Goldstein, K.R. Bennett, C. Pereira-Mendes. 2016. The Sciuridae. Pp. 648-837, In: Wilson, D., Lacher, T., Mittermeier, R. (eds.) *Handbook of Mammals of the World, Volume 6*, Lynx Ediciones, Barcelona.
- Koprowski, J.L., K.E. Munroe, A.J. Edelman. 2016. Gray not grey: ecology of eastern gray squirrels in their native range. Pp. 1-17. In: Shuttleworth, C., Lurz, P., Gurnell, J. (eds.) *Ecology, Conservation & Management of Grey Squirrels in Europe*, URI.
- Derbridge, J., H. Pepper, J.L. Koprowski. 2016. Economic damage by invasive grey squirrels in Europe. Pp. 393-404. In: Shuttleworth, C., Lurz, P., Gurnell, J. (eds.) *Ecology and management of urban grey squirrels. Ecology, Conservation & Management of Grey Squirrels in Europe*, URI.
- Shuttleworth, C., J.L. Koprowski, V. Selonen. 2016. Nesting ecology and den tree management. Pp. 349-368. In: Shuttleworth, C., Lurz, P., Gurnell, J. (eds.) *Ecology, Conservation & Management of Grey Squirrels in Europe*, URI.
- Lurz, P.W.W., S. Bertolino, J.L. Koprowski, P. Willis, M. Tonkin, J. Gurnell, 2015. Squirrel monitoring: snapshots of population presence and trends. Pp. 281-299. In: Shuttleworth, C., Lurz, P., Hayward, M. (eds.) *Ecology, Conservation & Management of Red Squirrels in Europe*, University of Edinburgh.
- Koprowski, J.L., W.S. Fairbanks. 2013. Wildlife behavior. In: Krausman, P.R. Cain, J. (ed.) *Wildlife Management: Contemporary Principles and Practices*, Johns Hopkins University Press.
- Buecher, D.C., R. Sidner, J.L. Koprowski. 2010. Finding that 4-star diner or how bats might 'anticipate' productive foraging areas. Pp. 253-262 In: Halvorson, W., Schwalbe, C., Van Riper, C., III (eds.). *Southwestern Desert Resources*, University of Arizona Press.
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Scholarly Presentations (since 2000):

Invited:

- 2020 Challenges as opportunity in a transdisciplinary landscape: traveling the long roads of a small town. University of Wyoming (May)
- 2019 Conservation challenges and international collaboration: how do we make a difference? Northwest Agriculture and Forestry University (November)
- Conservation challenges and international collaboration: how do we make a difference? Beijing Forestry University (November)
- The National Park concept in the United States: conservation and social justice. Beijing Forestry University (November)
- Montane mammals, conservation challenges, and climate change: consequences of forest degradation. Beijing Forestry University (November).
- Conservation of squirrels on the ground and in the trees: the value of the Sciuridae. European Mammal Congress, Warsaw (September).
- Challenges of conservation: how do we make a difference? Institute of Biology, Mongolian Academy of Science (August)
- How do we make a difference in conservation? Finding your purple bike. Northern Arizona University, Flagstaff (April).
- 2018 Ecosystem engineers and ecosystem services: the role of small mammals. 11th Congresso Italiano Teriologia, Florence, Italy (June).

- Conservation of squirrels on the ground and in the trees: the value of the Sciuridae. 8th International Squirrel Colloquium, Galway, Ireland (June).
- 2017 Knowledge gaps and canopy openings: the importance of Neotropical squirrels. Congresso Brasileiro de Mastozoologia, Pirenopolis, Brazil (September).
Significance of small mammals in ecological function and resilience. South Asian Conference on Small Mammals, Kathmandu, Nepal (August).
Everything that you wanted to know about squirrels but were afraid to ask! Maria Mitchell Natural Science Museum, Nantucket (June).
The future of Natural Resources and the Environmental Sciences: challenges create opportunities. University of Nevada, Reno (February).
- 2016 Montane mammals, conservation challenges, and climate change: consequences of forest degradation. Western Kentucky University (November).
Montane mammals, conservation challenges, and climate change: consequences of forest degradation. University of Nevada, Reno (April).
- 2015 Montane mammals, conservation challenges, and climate change: consequences of forest degradation. University of Insubria, Milan, Italy (December).
Montane mammals, conservation challenges, and climate change: consequences of forest degradation. Dept. of Wildlife Ecology & Conservation, Univ. Florida (November).
Climate change and montane mammals: challenges and opportunities. Adam Mickiewicz University, Poznan, Poland.
Listen to the chatter: What can squirrels teach us about conservation in a changing world? International Colloquium on Arboreal Squirrels, Helsinki, Finland (Plenary).
Listen to the chatter: What can squirrels teach us about conservation in a changing world? Graduate Program in Systematic Zoology, Kyoto University, Japan.
Montane mammals, conservation challenges, and climate change: consequences of forest degradation. Tokyo University of Agriculture and Technology, Japan.
Montane mammals, conservation challenges, and climate change: consequences of forest degradation. University of Miyazaki, Japan.
Montane mammals, ecological insights and conservation challenges. Wildlife Research Center, Kyoto University, Japan.
Montane mammals, conservation challenges, and climate change: consequences of forest degradation. Primate Research Institute, Kyoto University, Japan.
Montane mammals, conservation challenges, and climate change: consequences of forest degradation. Kyoto University Museum, Japan.
Science without borders: collaboration across space and time. International Wildlife Management Congress, Sapporo, Japan.
- 2014 Climate change and montane mammals: challenges and opportunities. Institute of Zoology, Chinese Academy of Sciences.
It's lonely at the top: the saga of the Mt. Graham red squirrel harbinger of global change. University of Cork, Ireland.
Saga of the Mt. Graham red squirrel: building bridges to move from a monitoring to a research. University of Idaho.
The future of fish & wildlife sciences: viewing challenges as opportunities. University of Idaho
The future of fish & wildlife conservation: viewing challenge as opportunities. Virginia Tech
- 2013 Climate change and biodiversity in the mountains: opportunities for students, scientists and society. Northwest Agriculture & Forestry University, People's Republic of China.
Saga of the Mt. Graham red squirrel: building bridges to move from a monitoring to a research program. University of Montana.
The future of wildlife biology. University of Montana.
- 2012 Conservation challenges in a changing world: lessons from endangered montane squirrels. Wildlife Management Conference, National Institute of Biological Resources, South Korea (Plenary).

- It's lonely at the top: conservation challenges for the montane endemic Mt. Graham red squirrel. Willamette University.
- Ecosystem services and the value of arboreal squirrels in our changing world: multiple roles within the forest. 6th International Colloquium on Arboreal Squirrels, Kyoto, Japan (Plenary).
- 2011 Endangered species: Does the North American Model need to change? Student Leadership Group, The Wildlife Society, Kona, Hawaii.
- Trapped on an island: Ecological insights and conservation challenges in isolated populations. Towson University.
- 2010 Conservation challenges in forests: Tree squirrels as the miner's canary. Northern Arizona Univ.
- 2009 Bridging gaps: viewing challenges as opportunities to position NREM for the future. Iowa State University.
- Bridging gaps in endangered species conservation: saga of the Mt. Graham red squirrel. Michigan State University.
- 2008 Patterns and determinants of reproductive strategies and sociality in squirrels. Symposium of the Social Behavior of Small Mammals, Tokyo, Japan (Plenary).
- Strategies for the conservation of small mammals. Tokyo Metropolitan University, Japan.
- Challenges for conservation of montane endemics: the saga of the endangered Mt. Graham red squirrel. University of New Mexico.
- 2006 Tree squirrels as indicator species: forest condition and the conservation strategies. 4th International Conference on the Ecology of Tree Squirrels, India (Plenary)
- Conservation of montane island endemics: the saga of the endangered Mt. Graham red squirrel. Northern Arizona University
- 2005 Conservation of montane island endemics: the saga of the endangered Mt. Graham red squirrel. Iowa State University
- Conservation of montane island endemics: the saga of the endangered Mt. Graham red squirrel. University of New Mexico (postponed)
- Conservation of tree squirrels: a North American perspective 9th International Mammalogical Congress, Sapporo, Japan
- 2003 Conservation of tree squirrels: future directions for the study of arboreal squirrels 3rd International Conference on the Ecology of Tree Squirrels, United Kingdom (Plenary)
- Challenges for the conservation of montane mammals. New Mexico State University
- 2001 The ecology of Mt. Graham red squirrels: trapped on a montane island. Univ. of Arizona
- 2000 The ecology of montane island mammals. Willamette University.
- The ecology of montane island mammals. University of Arizona.

Submitted:

- 2020 Spatial ecology and resource selection of an isolated edge-population: the endemic white-bellied vole in southern Arizona (w/N. Dutt), AZ-NM Chapters of The Wildlife Society, Prescott.
- Parasite evaluation in endangered Mt. Graham red squirrels and invasive Abert's squirrels (w/D. Jones), AZ-NM Chapters of The Wildlife Society, Prescott.
- Assessing Mexican woodrat movement over patches of different burn severity (w/S. Slovikosky), AZ-NM Chapters of The Wildlife Society, Prescott.
- The efficacy of translocation to augment Gambel's quail populations (w/C. Nelson), AZ-NM Chapters of The Wildlife Society, Prescott.

- 2019 Evolutionary potential of endangered Ganges River dolphin in human-modified South Asian waterways: an integrative review (w/S.Paudel), American Society of Mammalogists, Washington, DC.
- On using a non-hibernating squirrel (*Ammospermophilus harrisi*) to inform models of communication complexity (w/A.D. Burnett), American Society of Mammalogists, Washington, DC.
- Polyestry in Mt. Graham red squirrels (*Tamiasciurus fremonti grahamensis*) provides clues to *ex situ* propagation (w/S.A. Wells), American Society of Mammalogists, Washington, DC.
- Resource availability and defense drive divergent home range dynamics in two ecologically similar tree squirrels (w/M.V. Mazzamuto, M.J. Merrick, F.Bisi, A.Martinoli, L.A. Wauters), American Society of Mammalogists, Washington, DC.
- Settlement of adult American red squirrels after translocation (w/M. Morandini), American Society of Mammalogists, Washington, DC.
- The influence of season and intraspecific competition in the translocation of American Red squirrels (w/M. Morandini, M. Merrick), The Wildlife Society, Reno.
- Timing of resource availability drives social evolution and space use of two similar tree squirrels (w/M. Mazzamuto, M. Merrick, F. Bisi, A. Martinoli, L. Wauters), The Wildlife Society, Reno.
- Assessing status and habitat use of the Big Cypress Fox Squirrel using non-invasive sampling, remote sensing, and spatial analysis (w/K. Hefty), The Wildlife Society, Reno.
- Can *ex situ* studies be informative for *in situ* conservation? case study with the threatened *Thamnophilis rufipunctatus* at the Phoenix Zoo (w/B. Blais, S. Wells, B. Poynter, T. Harris, J. Koprowski, R. Allard), The Wildlife Society, Reno.
- 2018 Professional interview strategies: crafting your message. American Society of Mammalogists, Manhattan, Kansas.
- Burn severity and extent influence space use and post-fire survival in an endangered small mammal (w/M.J. Merrick) American Society of Mammalogists, Manhattan, Kansas.
- The role of men in changing the culture: How do we avoid #MeToo in the future
The Wildlife Society, Cleveland.
- Around the watering hole: terrestrial ecology of the endangered Sonoran Tiger Salamander (w/C.W. Brocka), The Wildlife Society, Cleveland.
- Behavior and spatial ecology of a desert-adapted mammal in a changing environment (w/A. Burnett), The Wildlife Society, Cleveland.
- Impacts of a high-intensity hurricane on habitat for the imperiled Big Cypress Fox Squirrel (w/KL Hefty), The Wildlife Society, Cleveland.
- 2017 Small mammalian herbivores decrease herbaceous plant cover in shrub invaded grassland

- (w/S.T. Abercrombie, J.S. Fehmi, M.H. Nichols), American Society of Mammalogists, Moscow, Idaho.
- Low survival, high predation pressure present conservation challenges for an endangered endemic forest mammal (w/M.J. Merrick, E.A. Goldstein), American Society of Mammalogists, Moscow, Idaho.
- 2016 Looking over the edge: population dynamics of an endangered peripheral squirrel population (w/E. A. Goldstein, M. J. Merrick), The Wildlife Society, Raleigh.
- Climate change in our profession, one wildlifer at a time (w/D. Sanchez), The Wildlife Society, Raleigh.
- Black and white rhino space use and resource selection in the lowveld of South Africa (w/M. J. Merrick, C. Spencer, M. Stokes), The Wildlife Society, Raleigh.
- Behavioral character displacement and territoriality of an isolated endangered species under invasion (w/J. J. Derbridge; P. Chow), The Wildlife Society, Raleigh.
- Behavioral phenotypes, female reproductive success, and juvenile habitat selection: insights from a semi-fossorial, social rodent (w/A. Kilanowski), The Wildlife Society, Raleigh.
- Looking over the edge: population dynamics of an endangered peripheral squirrel population (w/E. A. Goldstein), American Society of Mammalogists, Minneapolis.
- Population genetics of isolated Abert's squirrel populations (w/K. R. Bennett), American Society of Mammalogists, Minneapolis.
- Black and white rhino space use and resource selection in the lowveld of South Africa (w/M. J. Merrick, C. Spencer, M. Stokes), American Society of Mammalogists, Minneapolis.
- Habitat use of the San Bernardino flying Squirrel in a post fire landscape (w/M. Mazzella), American Society of Mammalogists, Minneapolis.
- Spatial ecology of a mesocarnivore to inform about future disease management (w/A. M. Veals, K. VerCauteren, D. Bergman), American Society of Mammalogists, Minneapolis.
- 2015 Non-native squirrels: biological invaders, adopted citizens or important synanthropes? International Wildlife Management Congress, Sapporo, Japan.
- Managing Woody Encroachment in Arid Ecosystems: A Case for Small Colonial Herbivores (w/S Hale, S Archer), International Wildlife Management Congress, Sapporo, Japan.
- Space use in a seasonal environment: antelope jackrabbits in the Sonoran Desert (w/M Altemus, D Brown), International Wildlife Management Congress, Sapporo, Japan.
- Natal dispersal on the edge: why they leave, why they stop, how they get there (w/MJ Merrick), International Wildlife Management Congress, Sapporo, Japan.
- Cavity nest selection during juvenile dispersal: behavioral phenotypes are more influential than

natal habitat cues (w/A Kilanowski), International Wildlife Management Congress, Sapporo, Japan.

Effects of experimental removals of an invasive competitor on space use of an endangered tree squirrel (w/J Derbridge), International Wildlife Management Congress, Sapporo, Japan.

Natal dispersal on the edge: why they leave, why they stop, how they get there (w/MJ Merrick), American Society of Mammalogists, Jacksonville.

The potential role of a native grazer and keystone species in managing woody encroachment (w/S Hale, S Archer), American Society of Mammalogists, Jacksonville.

Space use in a seasonal environment: antelope jackrabbits in the Sonoran Desert (w/M Altemus, D Brown), American Society of Mammalogists, Jacksonville.

Squirrels as indicators of global change: response to anthropogenic disturbance, International Colloquium on Arboreal Squirrels, Helsinki, Finland.

Effects of experimental removals of an invasive competitor on space use of an endangered tree squirrel (w/J Derbridge), International Colloquium on Arboreal Squirrels, Helsinki, Finland.

Natal dispersal on the edge: why they leave, why they stop, how they get there (w/MJ Merrick), International Colloquium on Arboreal Squirrels, Helsinki, Finland.

Cavity nest selection during juvenile dispersal: behavioral phenotypes are more influential than natal habitat cues (w/A Kilanowski), International Colloquium on Arboreal Squirrels, Helsinki, Finland.

Conservation challenges, rarity and knowledge gaps for the squirrels of Africa, African Small Mammal Symposium, Antanarivo, Madagascar.

Landscape of anthropogenic traffic noise influences occupancy and space use (w/Hsiang Ling Chen), AZ-NM Chapters of The Wildlife Society, Las Cruces.

Can the reestablishment of a keystone species manage woody encroachment across its former range? (w/S.Hale), AZ-NM Chapters of The Wildlife Society, Las Cruces.

Population dynamics of a recently reestablished keystone species: the black-tailed prairie dog (w/S.Hale), AZ-NM Chapters of The Wildlife Society, Las Cruces.

Identifying structural thresholds and landscape resistance for natal dispersal movements in an endangered forest obligate (w/M.J. Merrick), AZ-NM Chapters of The Wildlife Society, Las Cruces.

2014 Squirrels as indicators of global change: response to anthropogenic disturbance, International Conference on Rodent Biology and Management, Zhengzhou, P.R. China

Barrier effects of roads on an endangered forest obligate: impacts of gap, edge, and traffic (w/Hsiang Ling Chen), The Wildlife Society, Pittsburgh.

Describing space use and habitat characteristics of the enigmatic antelope jackrabbit (w/M.

M. Altemus), The Wildlife Society, Pittsburgh.

Expanded sex-biased natal dispersal in an isolated, peripheral mammal population: tests of mammalian dispersal theory (w/M.J. Merrick), The Wildlife Society, Pittsburgh.

Getting your priors in order: a sine qua non for Bayesian stable isotope modeling in conservation research (w/J.J. Derbridge et al.), The Wildlife Society, Pittsburgh.

How do small mammal communities and woody plants respond to the re-establishment of a potential keystone species, the black-tailed prairie dog? (w/S.L. Hale), The Wildlife Society, Pittsburgh.

Influence of rodents on four ecologically important tree species in decline in South Africa (w/W.L. Walker et al.), The Wildlife Society, Pittsburgh.

Juvenile exploration strategy of cliff chipmunks in fragmented and degraded forests: what can behavioral phenotypes tell us? (w/A.L. Kilanowski), The Wildlife Society, Pittsburgh.

Re-establishment of a potential keystone species: initial impacts of black-tailed prairie dogs on woody species and small mammal species assemblages (w/S. Hale), American Society of Mammalogists, Oklahoma City.

Do behavioral phenotypes influence the juvenile exploration strategy of cliff chipmunks (w/A.L. Kilanowski), American Society of Mammalogists, Oklahoma City.

Barrier effects of roads on an endangered forest obligate: impacts of gap, edge, and traffic (w/Hsiang Ling Chen), American Society of Mammalogists, Oklahoma City.

Factors influencing expanded sex-biased natal dispersal in an isolated, peripheral mammal (w/M.J. Merrick), American Society of Mammalogists, Oklahoma City.

Mammals of Korea: a guide to the Korean mammals (w/Y-S Jo et al.), American Society of Mammalogists, Oklahoma City.

Consequences of syntopy between an endangered tree squirrel and an ecologically similar invader (w/J.J. Derbridge), American Society of Mammalogists, Oklahoma City.

Re-establishment of a potential keystone species: initial impacts on woody species and small mammal species assemblages (w/S. Hale), AZ-NM Chapters of The Wildlife Society, Hon-dah, Arizona.

Status of Arizona gray squirrels: Potential influence of fire and introduced Abert's squirrels (w/S. Ketcham), AZ-NM Chapters of The Wildlife Society, Hon-dah, Arizona.

Living in syntopy: The consequences for an endangered tree squirrel under occupation from an ecologically similar invader (w/J.J. Derbridge), AZ-NM Chapters of The Wildlife Society, Hon-dah, Arizona.

Intrinsic and extrinsic factors influencing natal dispersal movements in an endangered forest obligate (w/M.J. Merrick), AZ-NM Chapters of The Wildlife Society, Hon-dah, Arizona.

- Assessing utility of hairtube sampling for detection of mammals (w/ T. Jessen), AZ-NM Chapters of The Wildlife Society, Hon-dah, Arizona.
- Juvenile exploration strategy of cliff chipmunks (*Tamias dorsalis*) in fragmented and degraded forests of the Sky Islands: what can behavioral phenotypes tell us? (w/A. Kilanowski), AZ-NM Chapters of The Wildlife Society, Hon-dah, Arizona.
- Local differences in feeding pattern of leaves by the Japanese giant flying squirrel, *Petaurista leucogenys* (w/B. Rico et al.), AZ-NM Chapters of The Wildlife Society, Hon-dah, Arizona.
- 2013 Viewing invasive species as habitat components: Abert's squirrel (*Sciurus aberti*) introductions to montane habitat isolates. International Mammalogical Congress, Belfast, Northern Ireland.
- How do naïve dispersers select a place to settle? Evidence of natal habitat experience in an altered forest landscape (w/M. Merrick). The Wildlife Society, Milwaukee.
- Impacts of introduced populations of Abert's squirrels: subtlety matters (w/J. Derbridge). The Wildlife Society, Milwaukee.
- Barrier effects of roads on an endangered forest obligate (w/Hsiang-Ling Chen) International Conference on Ecology and Transportation, Scottsdale.
- Barrier effects of roads on an endangered forest obligate: role of forest structure (w/Hsiang-Ling Chen) American Society of Mammalogists, Philadelphia.
- Do naïve dispersers rely on natal habitat cues when making settlement decisions? evidence of habitat cueing and potential consequences in an altered forest landscape (w/M. Merrick) American Society of Mammalogists, Philadelphia.
- A primer on the endangered Mt. Graham red squirrel: current status and threats. AZ-NM Chapters of The Wildlife Society, Albuquerque.
- Barrier effects of roads on an endangered forest obligate: importance of canopy cover (w/Hsiang-Ling Chen) AZ-NM Chapters of The Wildlife Society, Albuquerque.
- Using experimental removals and stable isotope analysis of diet to determine mechanisms of competition between an endangered tree squirrel and non-native competitor. (w/J.J. Derbridge) AZ-NM Chapters of The Wildlife Society, Albuquerque.
- Re-establishment of a potential keystone species: initial impacts on mammal and arthropod species assemblages (w/S. Hale) AZ-NM Chapters of The Wildlife Society, Albuquerque.
- Hairtube sampling for detection and identification of small mammals (w/T. Jessen) AZ-NM Chapters of The Wildlife Society, Albuquerque.
- Can red squirrel middens influence species diversity? (w/E. Posthumus) AZ-NM Chapters of The Wildlife Society, Albuquerque.

- How do dispersers select a place to settle? Exploring the role of natal habitat experience in an altered forest landscape (w/M. Merrick) AZ-NM Chapters of The Wildlife Society, Albuquerque.
- 2012 Using experimental removals and stable isotope analysis of diet to determine mechanisms of competition between an endangered tree squirrel and a non-native competitor. (w/J.J. Derbridge) The Wildlife Society, Portland.
- Can red squirrel (*Tamiasciurus hudsonicus*) middens affect species diversity? (w/E. Posthumus) The Wildlife Society, Portland.
- Exploring the role of individual behavior and natal experience in dispersal of an endangered forest obligate (w/M. Merrick) The Wildlife Society, Portland.
- The Sciuridae: a definitive reference (w/R.W. Thorington, M.A. Steele, J.F. Whatton, P. Bohaska) American Society of Mammalogists, Reno.
- Can red squirrel (*Tamiasciurus hudsonicus*) middens affect species diversity? (w/E. Posthumus) American Society of Mammalogists, Reno.
- Exploring the role of individual behavior and natal experience in dispersal of an endangered forest obligate (w/M. Merrick) American Society of Mammalogists, Reno.
- Dispersal and settlement in an endangered forest obligate: influence of behavior and forest structure (w/M.J. Merrick) 6th International Colloquium on Arboreal Squirrels, Kyoto, Japan.
- Can red squirrel middens influence species diversity? (w/E.E. Posthumus) 6th International Colloquium on Arboreal Squirrels, Kyoto, Japan.
- Road effects on movements and occupancy of red squirrels (w/H.L. Chen) 6th International Colloquium on Arboreal Squirrels, Kyoto, Japan.
- Communal nest use by cliff chipmunks *Tamias dorsalis* (w/M. Kawamichi, M.J. Merrick, K. Hazama, T. Kawamichi) 6th International Colloquium on Arboreal Squirrels, Kyoto, Japan.
- Predicting mating systems in tree squirrels using social organization models of ground-dwelling sciurids (w/K.E. Munroe) 6th International Colloquium on Arboreal Squirrels, Kyoto, Japan.
- The even darker side of the eastern gray squirrel (*Sciurus carolinensis*): a review of global introductions, invasion biology, and pest management strategies (w/H.M. Huynh, S. Bertolino, P.W.W. Lurz, G.R. Williams, C.W. Thompson, D.F. McAlpine) 6th International Colloquium on Arboreal Squirrels, Kyoto, Japan.
- Impact of introduced Abert's squirrels on the endangered Mount Graham red squirrel (w/J.J. Derbridge) 6th International Colloquium on Arboreal Squirrels, Kyoto, Japan.
- Hairtube sampling for detection and identification of small mammals (w/T.G. Jessen) 6th International Colloquium on Arboreal Squirrels, Kyoto, Japan.

- Conservation of the arboreal squirrels: how well are we doing? 6th International Colloquium on Arboreal Squirrels, Kyoto, Japan.
- 2011 Hairtube sampling for detection and identification of small mammals (w/Timothy G. Jessen)
The Wildlife Society, Kona, Hawaii
- Barrier effects of roads: boundary of home ranges of endangered Mt. Graham red squirrels (w/H.L. Chen) The Wildlife Society, Kona, Hawaii
- Does larderhoarding by endangered Mount Graham red squirrels facilitate interspecific competition with non-native Abert s squirrels? (w/Jonathan J. Derbridge)
The Wildlife Society, Kona, Hawaii
- Population and behavioral ecology of Black-Tailed Prairie Dogs (w/Sarah L. Hale)
The Wildlife Society, Kona, Hawaii
- Habitat associations and use by neotropical tree squirrels in the Peruvian Amazon (w/R. Jessen)
The Wildlife Society, Kona, Hawaii
- Investigating age-specific habitat use during natal dispersal (w/Melissa Merrick)
The Wildlife Society, Kona, Hawaii
- Differential response of a native and an introduced squirrel to a mosaic of burn severities (w/Shari L. Ketcham) The Wildlife Society, Kona, Hawaii
- Can red squirrel middens influence species diversity? (w/Erin E. Posthumus)
The Wildlife Society, Kona, Hawaii
- Squirrels of the world: the world of squirrels (w/Richard W. Thorington, Jr., Michael A. Steele, James F. Whatton, Paula W. Bohaska) American Society of Mammalogists, Portland State University
- The subterranean life of an arboreal squirrel: burrow use by endangered Mt. Graham red squirrels (w/Emily H. Scobie, Melissa J. Merrick, Vicki L. Greer) American Society of Mammalogists, Portland State University
- Dispersal and settlement in an endangered forest obligate: multiple approaches (w/Melissa J. Merrick) American Society of Mammalogists, Portland State University
- Conservation of the endangered Mt. Graham red squirrel: much more than Scopes vs. Squirrels
American Society of Mammalogists, Portland State University
- Hairtube sampling for detection and identification of small mammals (w/Timothy G. Jessen)
American Society of Mammalogists, Portland State University
- Habitat associations and use by Neotropical tree squirrels in the Peruvian Amazon (w/Rosa R. Jessen) American Society of Mammalogists, Portland State University
- Social behaviors and genetic structure in a population of round-tailed ground squirrels (*Xerospermophilus tereticaudus*): what you see isn't always what you get (w/ Karen E. Munroe) American Society of Mammalogists, Portland State University

- A stranger in the genus: life history of the montane endemic Mearns's squirrel (*Tamiasciurus mearnsi*) (w/N. Ramos-Lara) American Society of Mammalogists, Portland State University
- Habitat use and Associations of Neotropical Tree Squirrels: Pygmy Feet Fill Big Conservation Shoes (w/Rosa R. Jessen) AZ-NM Chapters of The Wildlife Society, Hon-Dah, Arizona
- Novel method for detection and identification of small mammals (w/Timothy G. Jessen) AZ-NM Chapters of The Wildlife Society, Hon-Dah, Arizona
- Dispersal and settlement in an endangered forest obligate: multiple approaches (w/Melissa J. Merrick) AZ-NM Chapters of The Wildlife Society, Hon-Dah, Arizona
- A Primer on the Endangered Mt. Graham Red Squirrel: Current Status and Threats AZ-NM Chapters of The Wildlife Society, Hon-Dah, Arizona
- Do roads serve as boundary of home ranges of Mt. Graham red squirrels? (w/Hsiang Ling Chen) AZ-NM Chapters of The Wildlife Society, Hon-Dah, Arizona
- 2010 Road impacts on endangered Mt. Graham red squirrels (w/H.L. Chen) The Wildlife Society, Snowbird, Utah
- Can tree squirrels serve as indicators of tropical forest quality? (w/R. Jessen) The Wildlife Society, Snowbird, Utah
- The mating system and intensity of selection in round-tailed ground squirrels: insight from microsatellite analysis. (w/K.E. Munroe) American Society of Mammalogists, University of Wyoming.
- Mammals in the third dimension: Incorporating LiDAR in wildlife habitat models (w/M. Merrick et al.) American Society of Mammalogists, University of Wyoming.
- Effects of fire heterogeneity on habitat use of Mexican fox squirrels following the return of historical fire (w/S. Doumas) American Society of Mammalogists, University of Wyoming.
- Comparisons of the home ranges of two sciurids in areas affected by wildfire: Implications for conservation of the Mount Graham red squirrel (w/R.N. Gwinn, S. Blount) American Society of Mammalogists, University of Wyoming.
- A stranger in the genus: life history of the montane endemic Mearns's squirrel (*Tamiasciurus mearnsi*) (w/N. Ramos-Lara) American Society of Mammalogists, University of Wyoming.
- Testing efficacy and application of hair tube sampling on small mammals (w/T. Jessen) American Society of Mammalogists, University of Wyoming.
- Can tree squirrels serve as indicators of tropical forest quality? (w/R. Jessen) AZ-NM Chapters of The Wildlife Society, Flagstaff, Arizona
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- Effects of fire heterogeneity on habitat use of Mexican fox squirrels following the return of historical fire (w/S. Doumas) AZ-NM Chapters of The Wildlife Society, Flagstaff, Arizona
- Comparisons of the home ranges of two sciurids in areas affected by wildfire: implications for conservation of the Mount Graham red squirrel (w/N. Gwinn, S. Blount) The Wildlife Society, Monterey.
- Effects of sex and season on home range dynamics of Arizona gray squirrels (*Sciurus arizonensis*). (w/N. Cudworth) American Society of Mammalogists, Fairbanks.
- Test of sociality models in the round-tailed ground squirrel (w/K. Munroe) American Society of Mammalogists, Fairbanks.
- 2008
- Fire on a sacred mountain: Response of the endangered Mount Graham red squirrel. (w/S. Blount) The Wildlife Society, Miami.
- Does red squirrel space use track resource availability? Evidence from an endangered, peripheral population (w/M. Merrick) The Wildlife Society, Miami
- Assessment of an introduced population of Mexican red-bellied squirrels in Biscayne National Park, Florida, United States (w/G. Palmer, T. Pernas) The Wildlife Society, Miami
- Mexican fox squirrel use of fire-impacted forest. (w/ S. Doumas) The Wildlife Society, Miami
- Cone-opening is related to microclimate and forest structure at red squirrel middens: Potential impacts of climate change and forest management.(w/C. Zugmeyer, M. Yurenka). The Wildlife Society, Miami
- Effects of sex and season on home range dynamics of Arizona gray squirrels (*Sciurus arizonensis*). The Wildlife Society, Miami
- Individual responses to disturbance: A case study of Mt. Graham red squirrels and fire (w/K. Leonard) The Wildlife Society, Miami.
- Comparisons of the home ranges of two sciurids in areas affected by wildfire: implications for conservation of the Mount Graham red squirrel (w/N. Gwinn, S. Blount) The Wildlife Society, Miami
- Dispersal in a social carnivore (*Nasua narica*): tropical versus temperate trends (w/M. McColgin, P. Waser) American Society of Mammalogists, Brookings, South Dakota
- Microsatellite characterization in the round-tailed ground squirrel (w/K. Munroe) American Society of Mammalogists, Brookings, South Dakota
- Abert's squirrels in burned and unburned forest: implication for conservation (w/N. Gwinn). American Society of Mammalogists, Brookings, South Dakota
- An introduced population of Mexican red-bellied squirrels in Biscayne National Park, Florida (w/G.Palmer) American Society of Mammalogists, Brookings, South Dakota

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- 2007 Effects of sex and season on home range dynamics of Arizona gray squirrels (*Sciurus arizonensis*). American Society of Mammalogists, Brookings, South Dakota
- Chiropteran community structure along a Sonoran Desert riparian corridor (w/D.C. Buecher, R. Sidner) The Wildlife Society, Tucson, Arizona.
- Red squirrels at the range periphery: A comparison of endangered Mt. Graham red squirrels and their nearest neighbors (w/K. Leonard) The Wildlife Society, Tucson, Arizona
- Coyote use of the urban landscape in Tucson, Arizona.(w/S.Grubbs, P.R. Krausman, E. Ostergaard) The Wildlife Society, Tucson, Arizona
- Ecology of the Mearns's Squirrel (*Tamiasciurus mearnsi*) in the Sierra de San Pedro Mártir, Mexico (w/N. Ramos-Lara,) The Wildlife Society, Tucson, Arizona
- Female reproductive characteristics of round-tailed ground squirrels: Implications for managing wildlife in parks preserving cultural resources (w/K. Munroe) The Wildlife Society, Tucson, Arizona
- Nest site selection by Mexican red-bellied squirrels introduced to Biscayne National Park.(w/ G.H. Palmer) The Wildlife Society, Tucson, Arizona
- Abert's squirrel densities in burned and unburned mixed conifer forest. (w/R.N. Gwinn) The Wildlife Society, Tucson, Arizona
- Mesocarnivore historic use of corridors through the Sonoran Desert: The impact of urbanization (w/M. Greenlee-Rheude, M.Culver) The Wildlife Society, Tucson, Arizona
- Disturbance in isolation: Response of endangered Mount Graham red squirrel to severe insect infestation.(w/C.A. Zugmeyer) The Wildlife Society, Tucson, Arizona
- Reproductive success of Mount Graham red squirrels: demographic and resource influences (w/V.L. Greer) The Wildlife Society, Tucson, Arizona
- Wild Cat Connections: Combining local-global research of wild cats with public outreach. (w/L. Haynes, M. Culver, W.W. Shaw, C.Z. Hackl) The Wildlife Society, Tucson, Arizona
- Overlap in space and habitat use between introduced Abert's squirrels and endemic endangered Mt. Graham red squirrels (w/M.J. Merrick, A.J. Edelman) The Wildlife Society, Tucson, Arizona
- Isolation, climate change, and ecological traps: challenges for mammal conservation in terrestrial archipelagos. Island mammal symposium. 5th European Mammal Congress, Siena, Italy.
- Tree squirrels as invasive species: conservation & management (w/G. Palmer, A. Pernas). Managing Vertebrate Invasive Species, Ft. Collins.

- Space and habitat use of introduced Abert's squirrels and endemic Mt. Graham red squirrels. (w/AJ Edelman and MJ Merrick). American Society of Mammalogists, Albuquerque, New Mexico.
- Nest site selection by Mexican red-bellied squirrels (*Sciurus aureogaster*) introduced to Biscayne National Park (w/GH Palmer). American Society of Mammalogists, Albuquerque, New Mexico.
- City skunk, country skunk: are nuisance carnivores rural migrants or urban residents? (w/M. Rheude, M. Culver, and T. Edwards). American Society of Mammalogists, Albuquerque, New Mexico.
- The red squirrel midden: nature's refrigerator (w/C. Zugmeyer). American Society of Mammalogists, Albuquerque, New Mexico.
- Inter-annual variation in annual cycles of female round-tailed ground squirrels: the difference a year makes! (w/K. Munroe). American Society of Mammalogists, Albuquerque, New Mexico.
- Factors affecting carnivore sociality: influence of population density on group size and cohesion in coatis (*Nasua narica*). (w/M. McColgin and P. Waser). American Society of Mammalogists, Albuquerque, New Mexico.
- Ecology and conservation of the endangered Mt. Graham Red Squirrel: a revised primer. 40th AZ-NM Chapters of The Wildlife Society, Albuquerque, NM.
- Is the red squirrel midden a natural refrigerator? (w/C. Zugmeyer, M. Yurenka). 40th AZ-NM Chapters of The Wildlife Society, Albuquerque, NM.
- Ecology of the Mearns's Squirrel (*Tamiasciurus mearnsi*) in the Sierra de San Pedro Mártir, Mexico (w/N. Ramos-Lara.) The Wildlife Society, Tucson, Arizona
- Modeling the future of the endangered Mt. Graham red squirrel in the face of disturbance. (w/D.J. Wood et al.). 40th AZ-NM Chapters of The Wildlife Society, Albuquerque, NM.
- Maternal nesting behavior in the Mt. Graham Red Squirrel: habitat and spatial influences (w/V. Greer). 40th AZ-NM Chapters of The Wildlife Society, Albuquerque, NM.
- Mortalities in the endangered Mt. Graham Red Squirrel (*Tamiasciurus hudsonicus grahamensis*): influence of habitat quality and predation (w/M.J. Merrick, D.J. Wood). 40th AZ-NM Chapters of The Wildlife Society, Albuquerque, NM.
- 2006 Global hotspots, centers of diversity, and conservation of tree and flying squirrels. (w/N. Rajamani). The Wildlife Society, Anchorage, AK.
- Global hotspots, centers of diversity, and conservation of tree and flying squirrels. (w/N. Rajamani). The Wildlife Society, Anchorage, AK.
- Maternal nesting behavior of the Mt. Graham red squirrel: Habitat and spatial influences. (w/V. Greer). The Wildlife Society, Anchorage, AK.

- Mortalities in the endangered Mt. Graham red squirrel: Influence of predation and habitat quality (w/M.Merrick). The Wildlife Society, Anchorage, AK.
- Effects of fire on endangered Mt. Graham red squirrel (w/S.Blount, D.Wood, T. Snow). The Wildlife Society, Anchorage, AK.
- Resource reduction related to insect infestation: Are Mt. Graham red squirrels affected? (w/C. Zugmeyer). American Society of Mammalogists, Amherst, MA.
- Conservation of tree and flying squirrels: world-wide challenges and solutions. 4th International Conference on the Ecology of Tree Squirrels, India
- Home range of endangered Mt. Graham red squirrels in insect damaged forests. (w/C. Zugmeyer). 4th International Conference on the Ecology of Tree Squirrels, India
- The importance of fire in the ecology of Mexican fox squirrels (w/B. Pasch). 4th International Conference on the Ecology of Tree Squirrels, India
- Functional semelparity as a proximate cause of endangerment in the Mt. Graham red squirrel (w/V. Greer). 39th AZ-NM Chapter of The Wildlife Society, Flagstaff, AZ.
- Nest site selection of endangered Mt. Graham red squirrels in a mixed-conifer forest. (w/M. Merrick, S. Bertelsen). 39th AZ-NM Chapter of The Wildlife Society, Flagstaff, AZ.
- Comparison of nest-site characteristics between endangered Mt. Graham red squirrels and Introduced Abert's squirrels (w/A.J. Edeman, S. Bertelsen). 39th AZ-NM Chapter of The Wildlife Society, Flagstaff, AZ.
- Communal nesting in the Mt. Graham red squirrel (w/V. Greer). 39th AZ-NM Chapter of The Wildlife Society, Flagstaff, AZ.
- Predicting midden locations based on habitat characteristics of the Mt. Graham red squirrel (*Tamiasciurus hudsonicus grahamensis*) (w/D.Wood, S.Rushton, P.Lurz, S.Drake). 39th AZ-NM Chapter of The Wildlife Society, Flagstaff, AZ.
- Resource reduction related to insect infestation: Are Mt. Graham red squirrels affected? (w/C. Zugmeyer). 39th AZ-NM Chapter of The Wildlife Society, Flagstaff, AZ.
- Impact of multiple insect outbreaks on Mt. Graham red squirrel habitat (w/A. Lynch, M. Alanen). 39th AZ-NM Chapter of The Wildlife Society, Flagstaff, AZ.
- Ecology of the Mearns's squirrel (*Tamiasciurus mearnsi*) in the Sierra de San Pedro Martir (w/N. Ramos). 39th AZ-NM Chapter of The Wildlife Society, Flagstaff, AZ.
- 2005 Impacts of forest fragmentation on tree squirrels: a comparative approach. 9th International Mammalogical Congress, Sapporo, Japan.
- Space use and social organization of endangered Mt. Graham red squirrels: it's lonely at the top. (w/SRB King). The Wildlife Society, Madison, WI.
- Direct Effects of Fire on Endangered Mt. Graham Red Squirrels. (w/C. Zugmeyer, K. Leonard,

- J. Jolley). American Society of Mammalogists, Springfield, MO.
- A PVA approach to assess conservation strategies for the Mt. Graham Red Squirrel (w/D. Wood). American Society of Mammalogists, Springfield, MO.
- Comparative Analysis of Home Range Size in the Endangered Mt. Graham Red Squirrel and a Closely Related Subspecies (w/K. Leonard). American Society of Mammalogists, Springfield, MO.
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- A dearth of data on mammals in Arizona and New Mexico: what do we really know? (w/A. Edelman, B. Pasch, D. Buecher). AZ-NM Chapter of The Wildlife Society, Gallup, NM.
- Direct Effects of Fire on Endangered Mt. Graham Red Squirrels. (w/C. Zugmeyer, K. Leonard, J. Jolley). AZ-NM Chapter of The Wildlife Society, Gallup, NM.
- How small is too small: Minimum viable population size in tree squirrels (w/D. Wood) AZ-NM Chapter of The Wildlife Society, Gallup, NM.
- Comparative Analysis of Home Range Size in the Endangered Mt. Graham Red Squirrel and a Closely Related Subspecies (w/K. Leonard) AZ-NM Chapter of The Wildlife Society, Gallup, NM.
- Cone caching strategy and its impact on the Mt. Graham red squirrel population (w/S. King, S. Bertelsen). AZ-NM Chapter of The Wildlife Society, Gallup, NM.
- Age specific time budgets of the Mount Graham red squirrel (*Tamiasciurus hudsonicus grahamensis*) (w/V. Greer). AZ-NM Chapter of The Wildlife Society, Gallup, NM.
- 2004 Space use and social organization of endangered Mt. Graham red squirrels: it's lonely at the top. American Society of Mammalogists, Arcata, CA (w/SRB King)
- Influence of sex on seasonal space use of Abert's squirrels. American Society of Mammalogists, Arcata, CA (w/AJ Edelman)
- Characteristics of nest sites used by endangered Mount Graham red squirrels (*Tamiasciurus hudsonicus grahamensis*). American Society of Mammalogists, Arcata, CA (w/SR Bertelsen)
- Cone caching strategy and its impact on the Mt. Graham red squirrel population. American Society of Mammalogists, Arcata, CA (w/S.R.B. King and SR Bertelsen)
- Sex and age differences in time budgets of endangered Mt. Graham red squirrels. American Society of Mammalogists, Arcata, CA (w/V Greer).
- Space use and social organization of endangered Mt. Graham red squirrels: it's lonely at the top. AZ-NM Chapter of The Wildlife Society, Safford AZ (w/SRB King)
- Cone storage in endangered Mt. Graham red squirrel middens: how the midden affects the cone. AZ-NM Chapter of The Wildlife Society, Safford AZ (w/M Yurenka)

- Seeing the forest for the trees: nest site selection of the endangered Mt. Graham red squirrel. AZ-NM Chapter of The Wildlife Society, Safford AZ (w/SR Bertelsen)
- 2003 Impacts of Habitat Fragmentation on Tree Squirrels: Correlates, Consequences, and Conservation. The Wildlife Society, Burlington VT
- Nesting ecology of introduced Abert's squirrels and endangered Mt. Graham red squirrels (w/A.Edelman, S.Taylor). The Wildlife Society, Burlington.
- Impacts of fragmentation on tree squirrels: correlates, consequences, and conservation. American Society of Mammalogists, Lubbock, TX.
- Space use of Chiricahua fox squirrels relative to fire history (w/BS Pasch). American Society of Mammalogists, Lubbock, TX.
- Space use of sympatric endangered Mount Graham red squirrels and introduced Abert's squirrels (w/AJ Edelman). American Society of Mammalogists, Lubbock, TX.
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- Habitat characteristics of the territories of Mt. Graham red squirrels: do sex differences exist? (w/Alanen, M I, Grindler M I, Greer, V I, Coates, C A, and Hutton, K A). Conference on the Ecology of the Mt. Graham Red Squirrel, Safford, Arizona.
- Introduced Abert's squirrels on Mt. Graham: Could they be contributing to the decline of the red squirrel. (w/AJ Edelman). Conference on the Ecology of the Mt. Graham Red Squirrel, Safford, Arizona.
- Effect of human and non-human disturbance on Mt. Graham Red Squirrels. (w/SRB King) Conference on the Ecology of the Mt. Graham Red Squirrel, Safford, Arizona.
- The social and mating systems of red squirrels: do Mt. Graham red squirrels fit the pattern? (w/KE Munroe, VL Greer). Conference on the Ecology of the Mt. Graham Red Squirrel, Safford, Arizona.
- Site characteristics of traditional and newly established middens of the Mount Graham Red Squirrel. (w/S Taylor*) Conference on the Ecology of the Mt. Graham Red Squirrel, Safford, Arizona.
- A review of methods for trapping, handling and marking tree squirrels with special reference to Mt. Graham red squirrels. Conference on the Ecology of the Mt. Graham Red Squirrel, Safford, Arizona.
- A comparison of the census methods used to monitor Mt. Graham red squirrels (w/T. Snow) Conference on the Ecology of the Mt. Graham Red Squirrel, Safford, Arizona.

- The dilemma of the small population: potential consequences of the isolation of Mt. Graham red squirrels (w/RJ Steidl). Conference on the Ecology of the Mt. Graham Red Squirrel, Safford, Arizona..
- Seeing the forest for the trees: nest-site selection of the endangered Mount Graham red squirrels (*Tamiasciurus hudsonicus grahamensis*). (w/S.Taylor) 3rd International Conference on the Ecology of Tree Squirrels, University of Newcastle-upon-Tyne.
- Space use of Chiricahua fox squirrels relative to fire history (w/BS Pasch). 3rd International Conference on the Ecology of Tree Squirrels, University of Newcastle-upon-Tyne.
- How small is too small: minimum viable population size in tree squirrels (w/D Wood). 3rd International Conference on the Ecology of Tree Squirrels, University of Newcastle-upon-Tyne.
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- Activity and Time Budgets of the Mt. Graham Red Squirrel (w/VL Greer) 3rd International Conference on the Ecology of Tree Squirrels, University of Newcastle-upon-Tyne.
- 2002 Response of endangered Mt. Graham red squirrels to damage related to insect infestations
The Wildlife Society, Bismarck, ND
- Ecology of the social coati in semiarid montane islands: we're not in the tropics anymore!
Ecological Society of America, Tucson, AZ
- Response of endangered Mt. Graham red squirrels to damage related to insect infestations
American Society of Mammalogists, Lake Charles, LA
- Conservation status of Mexican Fox Squirrels in Arizona: Trapped on a Sky Island.
Arizona-New Mexico Chapter, The Wildlife Society, Safford, AZ
- Nest site selection in introduced Abert's Squirrels and endangered Mt. Graham red Squirrels (w/A. Edelman, S. Taylor). American Society of Mammalogists, Lake Charles, LA
- Sex differences in the midden characteristics of Mt. Graham red squirrels (w/M. Alanen, M. Grinder). Arizona-New Mexico Chapter, The Wildlife Society, Safford, AZ
- Use of spruce-fir forests by introduced Abert's squirrels (w/K. Hutton, V. Greer, M. Alanen, C. Schauffert, and P. Young). Arizona-New Mexico Chapter, The Wildlife Society, Safford, AZ
- Population trends of the Mt. Graham red squirrel (w/C. Schauffert, V. Greer). Arizona-New Mexico Chapter, The Wildlife Society, Safford, AZ
- 2001 Ecology of the social coati in semiarid montane islands: we're not in the tropics anymore!
The Wildlife Society, Reno, NV

- Use of spruce-fir forests by introduced Abert's squirrels (w/K. Hutton, V. Greer, M. Alanen, C. Schaufert, and P. Young). The Wildlife Society, Reno, NV
- Sex differences in the midden characteristics of Mt. Graham red squirrels (w/M. Alanen, M. Grinder). The Wildlife Society, Reno, NV
- Population trends of the Mt. Graham red squirrel (w/C. Schaufert, V. Greer). The Wildlife Society, Reno, NV
- Sex differences in the ecology of Mexican fox squirrels. American Society of Mammalogists, Missoula, MT
- 2000 Habitat associations and microhabitat preferences in Chiricahua fox squirrels: trapped on a sky island. 2nd International Colloquium on the Ecology of Tree Squirrels, Sublimity, OR
- Sex differences in time and activity budgets in Chiricahua fox squirrels. 2nd International Colloquium on the Ecology of Tree Squirrels, Sublimity, OR
- Sex and age differences in body fat composition in eastern gray squirrels (w/S. Howe). 2nd International Colloquium on the Ecology of Tree Squirrels Sublimity, OR

Grants and Contracts (since 2000, >\$8.0 million in awards)

Active Grants:

- Gray fox as vectors of rabies in the southwestern United States.* 100%, PI, USDA APHIS National Rabies Management Program, \$105,000. 2015 to present.
- Habitat use and poaching risk for black rhinoceros and white rhinoceros in Balule Nature Reserve, South Africa: insight through spatially explicit models.* 40% co-PI, Phoenix Zoo Conservation & Science Grant, \$3000. 2015 to present.
- UA-Phoenix Zoo Native Species Conservation Fellows.* 100% PI, Phoenix Zoo, \$47,500. 2016 to present.
- Impact of introduced Abert's squirrels on endangered Mt. Graham red squirrels: removal experiments as an assessment and management tool* 100%, PI, Arizona Game and Fish Department Heritage Grant (IIAPM), \$79,747. 2009 to present.
- Invasive species control and endangered species conservation: bullfrog removals to conserve Mexican garter snakes and Sonoran tiger salamanders.* 50% co-PI, U.S. Fish & Wildlife Service, \$285,000. 2016 to present.
- Resource competition between introduced Abert's and endangered Mount Graham red squirrels.* 100%, PI. Arizona Game and Fish Department (IIAPM), \$57,000. 2013 to present.
- Genetic assessment of black-tailed prairie dogs in Arizona and Sonora.* 20%, co-PI (w/M. Culver). Arizona Game and Fish Department, \$30,000. 2013 to present.
- Forest structure and fire influences on endangered Mt. Graham red squirrels.* 100%, PI, USDA Forest

- Service Rocky Mountain Research Station, \$213,000. 2008 to present.
- Effect of reintroduction of black-tailed prairie dogs on the grasslands in southeastern Arizona* 100%, PI, Bureau of Land Management, \$45,000. 2008 to present.
- Expansion of reintroduced black-tailed prairie dog colonies in southeastern Arizona* 100%, PI, Arizona Game and Fish Department, \$165,000. 2013 to present.
- Range conditions, endangered Pima pineapple cactus and antelope jackrabbits* 100%, PI, US Fish & Wildlife Service, \$36,000. 2013 to present.
- Mt. Graham red squirrel response the fire-induced changes in forest structure.* 100%, PI, Wildland-Urban Interface Fuels and Forest Health Restoration in the Southwest Work Unit, US Forest Service, \$116,000. 2004 to present.
- Climate change and forest mammal diversity in sky island montane forest relicts.* 100%, PI, University of Arizona Agricultural Experiment Station, \$24,500. 2001 to present.
- Restoring connectivity for San Bernardino flying squirrels after the Grass Valley Fire.* 100%, PI. USDA Forest Service, \$205,000. 2014 to present.
- Assessment of raptor migration corridors in Arizona's sky islands.* 40%, co-PI (w/R.W. Mannan). Arizona Game and Fish Department, \$68,000. 2014 to present.
- Occurrence and habitat use by the Big Cypress fox squirrel on public lands.* 100%, PI. Florida Fish & Wildlife Conservation Commission, \$90,000. 2016 to present.
- Sonoran tiger salamander demography and demographic correlates: the importance of life history variation.* 100%, PI. Arizona Game and Fish Department, \$66,000. 2016 to present.
- If you build it, will they come? Can artificial middens be used as a management tool for endangered Mt. Graham red squirrels.* 100%, PI. Arizona Game and Fish Department, \$70,000. 2016 to present.
- Mt. Graham Red Squirrel Monitoring Program.* 100%, PI, University of Arizona, VP for Research, \$210,000-\$286,000/yr. 2000 to present.

Pending Grants:

- Rodents as drivers of vegetation change: Influence of rodents on seed predation and seed dispersal of dominant trees of the African savanna.* 60%, PI (w/M. Stokes). National Science Foundation, \$350,000. January 2019.
- Differential habitat use and poaching risk in reintroduced black rhinos and native white rhinos.* 100%, PI. Disney Conservation Fund, \$25,000. March 2017

Selected Completed Grants:

- Re-evaluation of the Kaibab Squirrel National Natural Landmark.* 100%, PI, National Park Service-National Natural Landmark Program, \$21,000, 2010 to 2015.

- Status of Arizona Gray Squirrels in the Santa Catalina and Rincon Mountains: The Impact of Introduced Abert's Squirrels.* 100%, PI, Arizona Game and Fish Department, \$30,580. 2012 to 2015.
- Climate change impacts on a keystone forest species.* 100% PI, USDA Forest Service Rocky Mountain Research Station, \$70,000. 2010 to 2015.
- Tucson Mountain cats: mountain lions at the urban-wildlife interface.* 25%, Co-PI with L. Haynes, M. Culver, Pima County, \$35,000, 2007 to 2010.
- Conservation genetics of white-nosed coatis in the Madrean Archipelago.* 100%, PI, Western National Parks Association, \$7,500. 2006 to 2008.
- Ecology of the native Arizona gray squirrel.* 100%, PI, Arizona Game and Fish Department Heritage Fund IIPAM Competition, \$56,000. 2006 to 2009.
- Effects of fire on Mexican fox squirrels in the Chiricahua Mountains.* Arizona Game and Fish \ Department Heritage Fund IIPAM Competition, \$45,000. 2006 to 2009
- Ecology of mountain lions in the Tucson Basin.* 15%, Co-PI with P. Krausman, W. Shaw, Arizona Game and Fish Department, \$120,000, 2005 to 2009. Credit to JLK is \$18,000.
- A rapid assessment of the status of introduced Mexican Red-bellied Squirrels at Biscayne National Park.* 100%, PI, National Park Service Invasive Species Program, \$25,600, 2005 to 2008.
- Ecology of introduced Abert's Squirrels in the Rincon Mountains.* 100%, PI, National Park Service PMIS Competition, \$52,500, 2003 to 2007.
- Response of endangered Mt. Graham red squirrels to the Pinaleno Ecosystem Demonstration Project.* 100%, PI, Wildland-Urban Interface Fuels and Forest Health Restoration in the Southwest Work Unit, US Forest Service, \$95,000. 2001 to 2007.
- Response of endangered Mt. Graham red squirrels to the Nuttall Complex Fire.* 100%, PI, Arizona Game and Fish Department, \$90,000. 2004 to 2009.
- Impact of insect damage on endangered Mt. Graham Red Squirrels.* 100%, PI, Arizona Game and Fish Department, \$150,000. 2003 to 2008
- Ecology of the threatened Mearns's Squirrel in Baja California.* 100%, PI, Desert Southwest CESU, \$10,000. 2004 to 2008.
- Forest structure, tree squirrel status, and fire in Saguaro National Park and Parque Nacional Sierra San Pedro Martir.* 100%, National Park Service IMRICO Competition, \$44,000, 2005 to 2009.
- Survey of the high elevation forest of Guadalupe Mountains National Park.* 100%, PI, Desert Southwest CESU, \$5,500, 2004 to 2007.
- Ecology of Round-tailed Ground Squirrels at Casa Grande Ruins National Monument.* 100%, PI, Western National Parks Association, \$7,500, 2003 to 2009.
- Ecology of introduced Abert's Squirrels in the Rincon Mountains.* 100%, PI, Western National Parks Association, \$7500. 2001 to 2005.
- Fire, Population Ecology and Habitat Use of Mexican fox squirrels.* 100%, PI, DS-CESU, National Parks Service, \$20,000. 2001 to 2004, completed.

Species Assessment: Tamiasciurus hudsonicus. 100%, PI, Region 2, US Forest Service, \$15,500. 2001 to 2005, completed.

Comparison of Site Characteristics of extant Black-tailed Prairie Dogs Populations in Sonora and proposed reserves in Arizona. 100%, PI, Arizona Game and Fish Department Heritage Fund IIPAM Competition, \$42,000. 2002 to 2005, completed.

Ecology and Conservation of Relict Populations of Black-tailed Prairie Dogs in Sonora. 100%, Cleveland Zoological Society, \$5,000. 2001 to 2005, completed.

Potential Ecological Overlap between the Native and Introduced Tree Squirrels, 100%, PI, Small Faculty Grants, University of Arizona, VP for Research, \$5,000. 2001 to 2003, completed.

Status of the native Arizona Gray Squirrel in the Santa Catalina Mountains. 100%, PI, US Forest Service, Coronado National Forest, \$5,000, granted but frozen due to USFS overrun on 2002 Forest Fire Budgets.

Assessing carnivore diversity in Chiricahua National Monument. 100%, PI, Southwest Parks and Monuments Association. \$7500, awarded 1999, completed.

Natal dispersal in native western gray squirrels and introduced eastern gray squirrels. 100%, PI, Murdock College Research Program for Life Sciences. \$36,000, awarded 1999, completed.

Initiating a natural history collections database. 100%, PI, Atkinson Award, Willamette University. \$4000, awarded 2000, completed after transfer to Dr. D. Craig, Willamette University.

Status of the Chiricahua fox squirrel. 100%, PI, Southwest Parks and Monuments Association, \$7500, awarded 1998, completed.

Social ecology of a tropical carnivore in a xeric environment. 100%, PI, National Geographic Society, \$15,000, awarded 1997, completed.

Integrating Conservation Biology throughout the Curriculum. 40%, Co-PI with S. Kephart (40%) and N. Perigo (20%). National Science Foundation-ILI (Co-PI). Instrumentation Grant, \$39,000, Awarded 1997, completed.

Population ecology of coatis at Ft. Bowie National Historic Site. 100%, PI, Southwest Parks and Monuments Association. \$7500, awarded 1997, completed.