

# CURRICULUM VITAE

## John Lad Koprowski

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## Chronology of Education

Doctor Honoris Causa, Institute of Biology, Mongolian Academy of Sciences, September 2025

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, University of Wyoming*  
*Wyoming Excellence Chair, University 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. Taught experiential learning courses in Mongolia: Wild and Working Lands and Nepal: Wild and Working Lands. Led Alumni Study Tours to Uzbekistan and Mongolia.

*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 1<sup>st</sup> 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 21 faculty, 34 non-tenure faculty and 16 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. Four institutes/corps are also housed within the Haub School of Environment & Natural Resources: The Ruckelshaus Institute 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. Biodiversity Institute is a K-to-gray biodiversity outreach institute that oversees the Wyoming Naturalist Program, provides biodiversity experiences around the state, and funds graduate research and outreach efforts. Wyoming Conservation Corps is a service oriented conservation organization funded with core funds through Americorps and numerous land management agencies, industry and NGOs. The Wyoming Outdoor Recreation Tourism and Hospitality (WORTH) Institute was conceived as a division of the Haub School in 2021 and due to success has transferred to the Research & Economic Development Division. Procured >\$22 million in philanthropic investment in 5 years for programs within the School. Current enrollment of >400 undergraduate and graduate students in innovative BS, MS (in person and online) 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 21<sup>st</sup> 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:*

Chair, College of Agriculture and Natural Resources Reorganization Committee, 2022-23  
 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

2025	<b>Doctor Honoris Causa</b> , Mongolian Academy of Science
	<b>President</b> , American Society of Mammalogists
2024	<b>Expert Speaker</b> , US Department of State
2023	<b>Fellow</b> , The Explorers Club
	<b>President-Elect</b> , American Society of Mammalogists
	<b>Delegate</b> , International Federation of Mammalogy
2022	<b>Aldo Leopold Memorial Award and Medal</b> , The Wildlife Society
2021	<b>Visiting Faculty</b> , Università degli studi dell'Insubria
2019	<b>Fellow</b> , Linnean Society of London
	<b>Honorary Faculty</b> , Università degli studi dell'Insubria
2018	<b>Fellow</b> , American Association for the Advancement of Science
2016	<b>Visiting Scholar</b> Northwest Agriculture & Forestry University, Yangling, People's Republic of China.
	<b>IUCN North American Coordinator-Small Mammals</b>
2015	<b>Visiting Research Professor</b> Kyoto University Museum Kyoto University, Japan
	<b>Kapital Ludzki Visiting Fellow</b> Institute of Environmental Biology Adam Mickiewicz University, Poznan, Poland
2014	<b>Fellow</b> , The Wildlife Society
	<b>Visiting Scholar</b> Northwest Agriculture & Forestry University, Yangling, People's Republic of China.
	<b>Professional Service Award</b> Arizona Chapter of The Wildlife Society
2013	<b>IUCN North American Coordinator-Small Mammals</b>
	<b>Visiting Scholar</b> Northwest Agriculture & Forestry University, Yangling, People's Republic of China.
2011	<b>Research Fellow, Forestry and Forest Products Research Institute, Japan</b>

2010	<b>IUCN North American Coordinator-Small Mammals</b>
	<b>Outstanding Edited Publication Nominee</b> The Wildlife Society for book titled " <i>Last Refuge of the Mt. Graham Red Squirrel</i> "
2002	<b>Outstanding Publication Nominee</b> The Wildlife Society for book titled " <i>North American Tree Squirrels</i> "
1999	<b>Emil W. Haury Award for Outstanding Achievement in Science in the National Parks</b> Western National Parks Association
1985	<b>Phi Kappa Phi</b> (declined)
<b><u>University</u></b>	
2022	<b>International Conservation Chair</b> University of Wyoming
2020	<b>Wyoming Excellence Chair</b> University of Wyoming
	<b>International Collaboration Award</b> School of Natural Resources & the Environment
2017	<b>Outstanding Faculty Member</b> School of Natural Resources & the Environment
2013	<b>Outstanding Faculty Member</b> School of Natural Resources & the Environment
	<b>Outstanding Mentor Finalist &amp; Honorable Mention</b> Undergraduate Biology Research Program
2012	<b>Academic Leadership Institute Fellow</b> University of Arizona
2011	<b>Outstanding Mentor of Graduate and Professional Students</b> University of Arizona Graduate & Professional Student Council
	<b>Outstanding Faculty Advisor Finalist</b> University of Arizona
	<b>A+ Advisor Award Finalist</b> College of Agriculture and Life Sciences
2010	<b>A+ Advisor Award Finalist</b> College of Agriculture and Life Sciences
2008	<b>Outstanding Mentor Finalist &amp; Honorable Mention</b> Undergraduate Biology Research Program
2007	<b>Outstanding Scholarly Publication</b> School of Natural Resources
2006	<b>O'Brien Diversity Award</b> College of Agriculture and Life Sciences
	<b>Promotion to Professor</b> University of Arizona
2005	<b>Outstanding Faculty Member</b> School of Natural Resources
2004	<b>Outstanding Team Award</b> College of Agriculture and Life Sciences

2003	<b>Outstanding Faculty Member</b> School of Renewable Natural Resources
	<b>Tenure granted</b> University of Arizona
2002	<b>Outstanding Scholarly Publication</b> School of Renewable Natural Resources, Univ Arizona for book titled “ <i>North American Tree Squirrels</i> ”
1994, 1996, 1999, 2000	<b>Faculty Achievement Award for Scholarship and Teaching</b> Willamette University (University-wide competitive Awards to <5% of 120 person faculty annually)
2000	<b>Faculty Study Time Award</b> (University-wide competitive for course release). Willamette University
1998	<b>Tenure granted</b> Willamette University
1997	<b>Promotion to Associate Professor</b> Willamette University
1996	<b>Junior Sabbatical</b> (University-wide competitive award) Willamette University
1991	<b>Dorothy Haglund Outstanding Dissertation Award,</b> 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	<b>Graduate Teaching Assistant of the Year</b> (University-wide competitive award) University of Kansas

## Service

### Graduate Advisor:

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

**Doctoral** – Abdul Sahim Ansari (in progress), Kathan Bandyopadhyay (in progress), Chris Banotai, Brian Blais, Allie Burnett, Hsiang Ling Chen, Jonathan Derbridge, Sarah Hale, Kira Hefty, Yeong Seok Jo, Ajay Karki (in progress), Alejandro Ganesh Marin Mendez, Melissa Merrick, Marina Morandini, Karen Munroe, Aletris Neils, Shambhu Paudel, Nicolas Ramos-Lara, Ivan Mauricio Vela-Vargas, Stuart Wells (in progress).

### Outreach-Local/State/International

2010-present	>10 media interviews per year
2025	PhD external examiner, Tirupati University, India PhD external examiner, Tribhuvan University, Nepal
2021	PhD external examiner, University of Malaysia

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 <sup>st</sup> & 2 <sup>nd</sup> grade classes, Lyle Elementary, Dallas, OR
1996-2000	Endangered Species Project Panelist, Waldo Middle School, Salem, OR

### **Intramural Citizenship**

#### *University Committees:*

Provost Search Committee, Univ of Wyoming, 2025, Co-chair  
 Liaison, Jackson Fork Ranch, Univ of Wyoming, 2023-present  
 Conflict of Interest Committee, Univ of Wyoming 2024-present  
 WIP Steering Committee, Univ of Wyoming, 2021-22  
 2-13 Life Sciences Reorganization Committee, Univ of Wyoming, 2021, Chair  
 Neltje Gift *ad hoc* Committee, University of Wyoming, 2021-22, co-Chair  
 Interdisciplinary Pillar Team, University of Wyoming, 2021-present  
 President's Blue Sky Team, University of Wyoming, 2020-21  
 University Heads Steering Committee, Provost's Office, 2019 – 2020, 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, 2016-2020  
 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 2000-2020  
 Advisory Board, Institute of the Environment, 2013-2020  
 Faculty Mentor for AZ Assurance Scholars (1<sup>st</sup> generation college students), 2008-2020  
 Reviewer, Agricultural Experiment Station, 2002 - 2018  
 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 2001-2020  
 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)

*School of Natural Resources & the Environment Committees:*

Director/Associate Director, 2015 – 2020  
 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 - 2020  
*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

**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), *Aquatic Conservation* (1), *Austral Ecology* (1), *Behavioral Ecology and Sociobiology* (7), *Behavioral Ecology* (4), *Behaviour* (2), *Biodiversity and Conservation* (2), *Biological Conservation* (7), *Biological Invasions* (2), *Biological of the Linnean Society* (1), *Biology Letters* (1), *Brasilian Journal of Biology* (1), *Bulletin of the Southern California Academy of Sciences* (1), *Canadian Field-Naturalist* (2), *Canadian Wildlife Biology & Management* (1), *Catena* (1), *Current Science* (5), *Current Zoology* (1), *Diversity and Distributions* (1), *Ecological Modelling* (2), *Ecology* (6), *Ecology, Ethology & Evolution* (2), *Ecology Letters* (1), *Ecological Processes* (1), *Ecological Research* (1), *Ecosphere* (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), *Land* (1), *Landscape Ecology* (2), *Landscape and Urban Planning* (2), *Mammalia* (8), *Mammalian Biology* (5), *Mammalian Species* (2), *Mammal Review* (2), *Mammal Study* (14), *Molecular Ecology* (1), *Molecular Ecology Resources* (2), *Mongolian Journal of Biological Sciences* (3), *National Science Foundation* (8), *Nature* (1), *Nature Scientific Reports* (1), *Naturwissenschaften* (1), *NSERC* (4), *Northeastern Naturalist* (2), *Oecologia* (2), *Pakistan Journal of Zoology* (2), *PLOS One* (6), *Prairie Naturalist* (2), *Proceedings of the National Academy of Science* (1), *Quarterly Review of Biology* (2), *Rendiconti Lincei Scienze Fisiche e Naturali* (1), *Revue d'écologie: la terre et la vie* (1), *Science* (2), *Southwestern Naturalist* (8), *Taiwania* (1), *Transportation Research* (1), *Tropical Natural History* (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  
 Steiner and Heutterman, 2022, *Squirrel Conservation*, Springer

**External Reviewer for Faculty:**

Arizona State University (2), Iowa State University (3), Northern Arizona University, Oklahoma State University, Texas Tech University, Thompson Rivers University, University College Cork, University of Edinburgh, University of Florida, University of California – Davis (2), University of Galway, University of Idaho, University of Jordan, University of London, University of Malaya, University of Manitoba, University of Oklahoma, University of Saskatchewan, University of Waterloo, Weber State University.

**External Reviewer for Theses/Dissertations/Viva Voce:**

Deakin University (Australia), Pakistan Arid Agriculture University, Tirupati University (India), Tribhuvan University (Nepal), University College Cork, University of Insubria (Italy), University of Malaya, University of Manitoba.

**Session Chair**, American Society of Mammalogists, 20x

The Wildlife Society, 6x

Arizona Chapter of The Wildlife Society, 2011

**Student Presentation Evaluator**, American Society of Mammalogists (1999, 2001-present)

AZ-NM Chapter of The Wildlife Society (2002-2020)

**Breakfast w/a Scientist Host**, ASM (1997, 2002, 2004, 2005, 2008, 2013, 2015, 2019)

**Professional Society Committee Membership:**

President, American Society of Mammalogists, 2025 – present

President-Elect, American Society of Mammalogists, 2023 – 2025

Strategic Planning Committee, Chair, American Soc Mammalogists, 2023 - 2025

Conservation Awards Committee, Interim Chair, 2023 – 2024

Finance Committee, American Society of Mammalogists, 2021-2024

Office of the Ombudspersons, American Society of Mammalogists, 2018 – 2021  
 Membership Committee, American Society of Mammalogists, 2017-2019, Chair  
 International Wildlife Committee, American Society of Mammalogists, 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**

President, American Society of Mammalogists, 2025 – present  
 President-Elect, American Society of Mammalogists, 2023-2025  
 Board of Directors, American Society of Mammalogists, 2013-2019  
 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

### **NGO Board & Committee Appointments Held**

Board, Western National Parks Association, 2021-present  
 Finance Committee, Western National Parks Association, 2021-present  
 Research Committee, Western National Parks Association, 2021-present  
 Chair, 2023-present  
 Board, Cuenca los Ojos, 2023-present  
 Conservation Committee, Reid Park Zoo, 2019-present

### **Convener and Host**

2<sup>nd</sup> 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**

3<sup>rd</sup> International Colloquium on the Ecology of Tree Squirrels, Newcastle, England (2001-03)  
 4<sup>th</sup> International Colloquium on the Ecology of Tree Squirrels, Kerala, India (2003-06)  
 5<sup>th</sup> International Colloquium on the Ecology of Tree Squirrels, Kamloops, BC (2006-09)  
 6<sup>th</sup> International Colloquium on the Ecology of Arboreal Squirrels, Kyoto, Japan (2009-12)  
 7<sup>th</sup> Intern'l Colloquium on the Ecology of Arboreal Squirrels, Helsinki, Finland (2012-15)  
 8<sup>th</sup> 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	Society for Conservation Biology
Southwestern Association of Naturalists	The Wildlife Society
American Society of Mammalogists	Animal Behavior Society

**Panel Member:**

Mt. Graham Red Squirrel Recovery Team, US Fish & Wildlife Service (2001 – 2024)

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 - 2016)

**Publications/Creative Activity:****Books:**

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Mitchell B., M. Waltermann, T. Mellin, C. Wilcox, A.M. Lynch, J. Anhold, D.A. Falk, J.L. Koprowski, D. Laes, D. Evans, H. Fisk. 2012. Mapping vegetation structure in the Pinaleno Mountains using lidar – phase 3: forest inventory modeling. USDA Forest Service, Remote Sensing Applications Center, RSAC-10007-RPT1. Salt Lake City UT, 17 p.

McDonald, L.L., T.R. Stanley, D.L. Otis, D.E. Biggins, P.D. Stevens, J.L. Koprowski, W. Ballard. 2011. Recommended methods for range-wide monitoring of prairie dogs in the United States:

U.S. Geological Survey Scientific Investigations Report 2011–5063, 36 p.

- Laes D., T. Mellin, C. Wilcox, J. Anhold, P. Maus, D.A. Falk, J.L. Koprowski, S. Drake, S. Dale, H. Fisk, P. Joria, A.M. Lynch, M. Alanen. 2009. Mapping vegetation structure in the Pinaleno Mountains using lidar. USDA Forest Service, Remote Sensing Applications Center, RSAC-0118-RPT1. Salt Lake City UT. 84 p.
- Koprowski, J.L. 2005. Management and conservation of tree squirrels: the importance of endemism, species richness, and forest condition. Pp. 245-250 In *Biodiversity and Management of the Madrean Archipelago II*. Proceedings RMRS-P-36. (Gottfried, G. J., Gebow, B. S., Eskew, L. G., and C. Edminster, eds.) United States Department of Agriculture, Forest Service, Rocky Mountain Research Station, Fort Collins.
- Koprowski, J.L., A.J. Edelman, B.S. Pasch, D.J. Buecher. 2005. A dearth of data on mammals in the Madrean Archipelago: what we think we know and what we do know. Pp. 413-415 In *Biodiversity and Management of the Madrean Archipelago II*. Proceedings RMRS-P-36. (Gottfried, G. J., Gebow, B. S., Eskew, L. G., and C. Edminster, eds.) United States Department of Agriculture, Forest Service, Rocky Mountain Research Station, Fort Collins.
- Edelman, A.J., J.L. Koprowski, J.L. Edelman. 2005. Kleptoparasitic behavior and species richness at Mt. Graham red squirrel middens. Pp. 395-398. In *Biodiversity and Management of the Madrean Archipelago II*. Proceedings RMRS-P-36. Gottfried, G. J., Gebow, B. S., Eskew, L. G., & Edminster, C. (Eds). RMRS-P-36. Fort Collins: United States Department of Agriculture, Forest Service, Rocky Mountain Research Station.
- Pasch, B.S., J.L. Koprowski. 2005. Correlates of vulnerability in Chiricahua Fox Squirrels. Pp. 426-428. In *Biodiversity and Management of the Madrean Archipelago II*. Proceedings RMRS-P-36. (Gottfried, G. J., Gebow, B. S., Eskew, L. G., and C. Edminster, eds.) United States Department of Agriculture, Forest Service, Rocky Mountain Research Station, Fort Collins.
- Koprowski, J.L. 2005 (July 20). Pine Squirrel (*Tamiasciurus hudsonicus*): a technical conservation assessment. [Online]. USDA Forest Service, Rocky Mountain Region. Available: <http://www.fs.fed.us/r2/projects/scp/assessments/pinesquirrel.pdf>

#### **Book Reviews:**

- Koprowski, J.L. 2016. Book Review: Marmot Biology. Quarterly Review of Biology 91:377-78.
- Koprowski, J.L. 2016. Book Review: The Wild Cat Book. Quarterly Review of Biology 91:378-79.
- Koprowski, J.L. 2014. Book Review: Porcupines: the animal answer guide. Quarterly Review of Biology 84:404.
- Chen, H.L., J.L. Koprowski. 2011. Book Review: Safe passages: highways, wildlife, and habitat connectivity. Journal of Mammalogy 92: 1136-1141.
- Koprowski, J.L. 2003. Book Review: An Atlas of Oregon Wildlife. Journal of Mammalogy 84:325-326.
- Koprowski, J.L. 2003. Book Review: Animal Behavior. Journal of Mammalogy 84:324-325.
- Koprowski, J.L. 1996. Book Review of The Black-Tailed Prairie Dog. Journal of Wildlife Management 60:971-973.

Koprowski, J.L. 1991. Book Review: Food hoarding in animals. *Journal of Insect Behavior* 4.

Koprowski, J.L. 1989. Book Review: Reproductive success: studies of individual variation in contrasting breeding systems. *Journal of Insect Behavior* 2:449-450.

## Scholarly Presentations (since 2000):

### Invited:

- 2025 How do we make a difference? The importance of partnership in conservation. International Biology Conference Mongolia 25, Ulaanbataar, Mongolia.  
Finding the purple bike and making your career in conservation count! Danau Girang Field Station, Sabah, Malaysian Borneo.  
How do we make a difference? The importance of partnership in conservation. Managing Wildlife Across Landscapes Conference, Jackson, Wyoming.
- Collaboration and conservation of mammals in Mongolia: examples from Eurasia's oldest protected area and beyond. American Society of Mammalogists (June)
- 2024 Finding the purple bike: How do we make a difference in wildlife conservation. National University of Mongolia (September)
- 2023 Finding the purple bike: How do we make a difference in wildlife conservation. The Wildlife Society (November)  
Finding the purple bike: How do we make a difference in wildlife conservation. Danau Girang Field Centre (May)
- 2022 Conservation of wildlife across borders: community-based approaches. Institute of Biology, Mongolian Academy of Science (August)  
Sky islands & desert seas: the importance of the conservation of biodiversity in the borderlands. American Society of Mammalogists (June)
- 2021 How do we make a difference in conservation? University of Insubria, Varese, Italy (November)
- 2020 Conservation challenges and international collaboration: how do we make a difference? University of Wyoming (September)  
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. 11<sup>th</sup> Congresso Italiano Teriologia, Florence, Italy (June).

- Conservation of squirrels on the ground and in the trees: the value of the Sciuridae. 8<sup>th</sup> 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. 6<sup>th</sup> 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. 4<sup>th</sup> 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 9<sup>th</sup> International Mammalogical Congress, Sapporo, Japan
- 2003 Conservation of tree squirrels: future directions for the study of arboreal squirrels 3<sup>rd</sup> 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 (>250 since 2000)**

### **Grants and Contracts (Since 2000, >\$11.3 million in awards)**

#### **Selected Completed Grants:**

*WORTH: The Wyoming Outdoor Recreation, Tourism and Hospitality Initiative.* 100%, PI, State of Wyoming, \$3.14 million. 2021 to 2025.

*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 2022.



*Gray fox as vectors of rabies in the southwestern United States.* 100%, PI, USDA APHIS National Rabies Management Program, \$105,000. 2015 to 2021.

*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 2020.

*UA-Phoenix Zoo Native Species Conservation Fellows.* 100% PI, Phoenix Zoo, \$47,500. 2016 to 2022.

*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 2021.

*Resource competition between introduced Abert's and endangered Mount Graham red squirrels.* 100%, PI, Arizona Game and Fish Department (IIAPM), \$57,000. 2013 to 2020.

*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 2020.

*Forest structure and fire influences on endangered Mt. Graham red squirrels.* 100%, PI, USDA Forest Service Rocky Mountain Research Station, \$213,000. 2008 to 2020.

*Effect of reintroduction of black-tailed prairie dogs on the grasslands in southeastern Arizona* 100%, PI, Bureau of Land Management, \$45,000. 2008 to 2015.

*Expansion of reintroduced black-tailed prairie dog colonies in southeastern Arizona* 100%, PI, Arizona Game and Fish Department, \$165,000. 2013 to 2015.

*Range conditions, endangered Pima pineapple cactus and antelope jackrabbits* 100%, PI, US Fish & Wildlife Service, \$36,000. 2013 to 2017.

*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 2012.

*Climate change and forest mammal diversity in sky island montane forest relicts.* 100%, PI, University of Arizona Agricultural Experiment Station, \$24,500. 2001 to 2020.

*Restoring connectivity for San Bernardino flying squirrels after the Grass Valley Fire.* 100%, PI, USDA Forest Service, \$205,000. 2014 to 2020.

*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 2017.

*Occurrence and habitat use by the Big Cypress fox squirrel on public lands.* 100%, PI, Florida Fish & Wildlife Conservation Commission, \$90,000. 2016 to 2021.

*Sonoran tiger salamander demography and demographic correlates: the importance of life history variation.* 100%, PI, Arizona Game and Fish Department, \$66,000. 2016 to 2021.

*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 2020.

*Mt. Graham Red Squirrel Monitoring Program.* 100%, PI, University of Arizona, VP for Research, \$210,000-\$286,000/yr. 2000 to 2022.

*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.