

## Bret Pasch

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### EDUCATION

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University of Florida, Gainesville, FL	Department of Zoology	Current
University of Arizona, Tucson, AZ	<b>M.S.</b> Wildlife Science	2001-2004
Universidad de Costa Rica		2004
OTS-1 Tropical Biology: An Ecological Approach		
Ursinus College, Collegeville, PA	<b>B.S.</b> Honors in Biology	1997-2001

### SELECTED GRANTS & AWARDS

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<b>Society for Integrative &amp; Comparative Biology Grants-In-Aid</b>	2008
<b>American Society of Mammalogists Grants-In-Aid</b>	2007
<b>Sigma Xi Grants-In-Aid of Research</b>	
<b>Riewald-Olowo Award</b> , Univ. of Florida Dept. of Zoology	
<b>Alumni Fellowship</b> , College of Liberal Arts & Sciences, UF	2006
<b>Roger Hungerford Award</b> , AZ Wildlife Society	2005
<b>Post-Course Research Grant</b> , Organization for Tropical Studies	2004
<b>Howard McCarley Research Grant</b> , SW Assoc. of Naturalists	2003
<b>Conservation Biology Research Grant</b> , T & E, Inc.	
<b>Phi Beta Kappa Society</b>	2001

### PUBLICATIONS

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- Pasch, B.**, and J.L. Koprowski. 2006. Sex differences in space use of Chiricahua fox squirrels. *Journal of Mammalogy* 87: 380-386.
- Pasch, B.**, and J.L. Koprowski. 2006. Annual cycles in body mass and reproduction of Chiricahua fox squirrels. *SW Naturalist* 51: 531-535.
- Koprowski, J.L., Ramos-Lara, N., **Pasch, B.**, and C. Zugmeyer. 2006. Observations on the ecology of the endemic Mearns's Squirrel (*Tamiasciurus mearnsi*). *SW Naturalist* 51: 426-430.
- Pasch, B.**, and J.L. Koprowski. 2005. Correlates of vulnerability in Chiricahua fox squirrels. Pp. 426-428 in *Connecting Mountain Islands and Desert Seas: Biodiversity and Management of the Madrean Archipelago II* (G.J. Gottfried, B.S. Gebow, L.G. Eskew, and C.B. Edminster, eds.) Rocky Mountain Research Station, Fort Collins, Colorado.
- Koprowski, J.L., Edelman, A., **Pasch, B.**, and D. Buecher. 2005. A dearth of data on mammals of the Madrean Archipelago: What we think we know and what we actually do know. Pp. 412-415 in *Connecting Mountain Islands and Desert Seas: Biodiversity and Management of the Madrean Archipelago II* (G.J. Gottfried, B.S. Gebow, L.G. Eskew, and C.B. Edminster, eds.) Rocky Mountain Research Station, Fort Collins, Colorado.
- Pasch, B.**, and J.L. Koprowski. In review. Fire suppression on montane islands: Impacts on an endemic tree squirrel. *Journal of Mammalogy*.
- Leonard, K.M., **Pasch, B.**, and J.L. Koprowski. In review. *Sciurus pucheranii*. *Mammalian Species*.

## TEACHING ASSISTANTSHIPS & SEMINARS

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<i>Mammalogy</i> , Dept. of Zoology, University of Florida	2008
<i>Ecology</i> , Dept. of Wildlife and Fisheries Science, University of Arizona	2004
<i>Vertebrate physiology</i> , Dept. of Ecology and Evolutionary Biology, University of Arizona	2003
<i>Mammalogy</i> , Dept. of Ecology and Evolutionary Biology, University of Arizona	2002
<i>Intro Biology Lab II</i> , Dept. of Ecology and Evolutionary Biology, University of Arizona	
<i>Intro Biology Lab I</i> , Dept. of Molecular and Cellular Biology, University of Arizona	2001
<i>Biology of tropical rainforests (in Costa Rica)</i> , Biology Dept., Ursinus College	2000

## PROFESSIONAL SOCIETIES

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The Ecological Society of America, International Society for Behavioral Ecology  
Society for Conservation Biology, American Society of Mammalogists  
Society for Integrative and Comparative Biology, Sociedad Argentina para el  
Estudio de los Mamíferos

## PRESENTATIONS & INVITED SEMINARS\*

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<b>Fire suppression on montane islands: impacts on habitat use of Mexican fox squirrels.</b> 4 <sup>th</sup> International Tree Squirrel Colloquium, Periyar Tiger Reserve, Kerala, INDIA.	2006
<b>Sex differences in space use of Chiricahua fox squirrels.</b> 84 <sup>th</sup> Annual Meeting of The American Society of Mammalogists, Humboldt State University, Arcata, California, USA.	2004
<b>Ecology and conservation of Chiricahua fox squirrels.</b> Biodiversity and Management of the Madrean Archipelago II: Connecting Mountain Islands and Desert Seas. Tucson, Arizona, USA.	
<b>*Ecological approaches to tropical biology.</b> School of Natural Resources Seminar Series, The University of Arizona, Tucson, Arizona, USA.	
<b>Space use of Chiricahua fox squirrels relative to fire history.</b> 83 <sup>rd</sup> Annual Meeting of The American Society of Mammalogists, Texas Tech University, Lubbock, Texas, USA.	2003
<b>Space use of Chiricahua fox squirrels.</b> 3 <sup>rd</sup> International Tree Squirrel Colloquium, Ford Castle, Northumberland, UK.	
<b>Community in a temporal context: nest use by Chiricahua fox squirrels.</b> 36th Joint Annual Meeting of Arizona/New Mexico Chapters of The Wildlife Society. Gallup, New Mexico, USA.	

**SERVICE**

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<b>Seminar Organizer</b> , Current topics in mammalogy, UF Dept. of Zoology	2007
<b>Seminar Organizer</b> , Altitudinal gradients in ecology, UF Dept. of Zoology	
<b>Advisory committee</b> , IUCN conservation status of <i>S. nayaritensis</i>	2006
<b>Organizing committee</b> , AZ/NM Chapter of The Wildlife Society	
<b>Editor</b> , <i>Red squirrel: A technical conservation assessment</i> . USDA Forest Service, Rocky Mountain Region Species Conservation Project.	2005
<b>Abstract review committee</b> , AZ/NM Chapter of The Wildlife Society	
<b>Docent</b> , Arizona-Sonora Desert Museum	2004
<b>Co-coordinator</b> , School of Natural Resources Seminar Series, University of Arizona	2003
<b>Educational display</b> at Chiricahua National Monument	2002
<b>Intern</b> , Dept. of Australian Mammals, Taronga Zoo, N.S.W, Australia	2000