

Grants-in-Aid Committee

Committee Members: J. Boyles, M. Brigham, B. Butler, L. N. Carraway, C. J. Conroy, T. L. Derting, J. W. Drago, C. W. Edwards, J. Esselstyn, K. Galbreath, S. D. Gehrt, J. Goheen, G. D. Hartman, L. D. Hayes, G. Hayssen, C. Himes, S. Hooper, D. M. Kaufman, J. G. Kie, C. W. Kilpatrick (Chair), J. Light, S. Loeb, K. Mabry, B. McMillan, M. Matocq, M. L. McKnight, R. W. Norris, E. Oaks, D. K. Odell, A. W. Reed, D. Reeder, T. E. Roberts, R. Rose, K. Rowe, B. Schooley, P. Stapp, R. D. Stevens, K. D. Stone, H. Thomas, M. Worrell.

Mission:

The Grants-in-Aid Committee reviews applications for grants-in-aid and fellowships in mammalogy (American Society of Mammalogists Fellowship in Mammalogy and the Albert R. and Alma Shadle Fellowship in Mammalogy) and either selects recipients for these awards or recommends recipients for these awards.

Information Items:

(1) The deadline for applications for Grants-in-Aid was set at March 1, and that for fellowships was set at May 1. Several problems were experienced with the electronic submission of applications in 2010 and the Grants-in-Aid Committee is working with Matt Hopton and the Informatics Committee to eliminate those problems in future years.

(2) Membership on the committee is currently 39 members. Doug Kelt, Kerry Kilburn, Kate Lyons, Link Olson and John Orrock left the committee during the last year. Thanks to Doug, Kerry, Kate, Link, and John for their dedicated service to the Grants-in-Aid Committee. Seven new members were added (Jacob Esselstyn, Kurt Galbreath, Chris Himes, Dawn Kaufman, Susan Loeb, Karen Mabry and Bob Schooley). Two members have informed me that they will be resigning from the committee so we are looking for additional members.

(3) We received 104 applications for Grants-in-Aid for 2010, near the average of approximately 100 applications received over the past few years. The budget for Grant-in-Aid was set by the Board at \$42,350 for 2010. The committee ranked the 104 proposals and 32 were selected for support based on average ranking. ASM membership was verified for the 32 approved applications and 16 were funded at the requested funding level (max \$1500) and 16 at about 86% of the requested funding level. The quality of the proposals continues to improve. The diversity and high quality of research activities proposed by the student members of ASM is very impressive. Each committee member was asked to review and rank 16 to 17 Grants-in-Aid applications. The committee members continue to make an effort to provide each applicant with some constructive comments on his/her proposal. Names of the students who have received a 2010 grant-in-aid are attached to the end of this report.

(4) The recipient of the 2010 Elizabeth Horner Award for the best Grant-in-Aid proposal is Katherine Brooks (University of Chicago).

(5) In 2009, 9 fellowship applications were received and reviewed. The 2009 ASM Fellowship recipient was Jonathan Pauli (University of Wyoming). The Shadle Fellowship recipient was Brandi Coyner (Oklahoma State University). We have received 14 fellowship applications for 2010. The fellowship applications received will be distributed to committee members electronically and nominees will be selected during a closed session at the annual meeting. The amounts of the American Society of Mammalogists Fellowship in Mammalogy will be \$10,000 and the Albert R. and Alma E. Shadle Fellowship in Mammalogy will be \$4,486 in 2010.

Action item:

(1) 2011 Budget Request

Grants-in-Aid of Research 33 x \$1,500	\$49,500
Horner Award	\$500
ASM Fellowship	\$12,500
Banquet tickets for GIA recipients (10 X \$30)	\$300
Total Request	\$62,800

(2) 2010 ASM Grants-in-Aid Recipients

Katherine Brooks, Committee on Evolutionary Biology, University of Chicago, **\$960 + Horner Award (\$500) = \$1,460**

Comparative immunitive and adrenal function in ground squirrels: implications of sociality

Elizabeth Braun de Torrez, Ecology, Behavior and Evolution (Biology), Boston University, **\$1,290**

Habitat use and ecosystem services of bats in a pecan agroecosystem in Texas

Lynne Burns, Department of Biology, Dalhousie University, **\$1,500**

Population structure and movement dynamics of bats among hibernacula in Maritime Canada

Katy Califf, Department of Zoology, Michigan State University, **\$1,500**

Genetic diversity in two species of hyena: Influence of sociality and implications for mechanisms of mate choice

Gerald Carter, Department of Biology, University of Maryland, **\$1,290**

Cooperative food sharing in vampire bats: the relative roles of kin selection, reciprocity, and harassment

Amanda Chappell, Department of Biology, University of Louisiana at Monroe, **\$890**
Ecological and neuroanatomical correlates of mating system variation in the Taiwan field vole (*Microtus kikuchii*)

Stephen Chester, Department of Anthropology, Yale University, **\$1,480**
The ancestral Euarchontan and the origin of Primates

Laura Cisneros, Department of Ecology and Evolutionary Biology, University of Connecticut, **\$1,290**
Time-lag response of Neotropical bat communities to dynamic changes in landscape structure

Rachel Crowhurst, Department of Fisheries and Wildlife, Oregon State University, **\$1,290**
Population structure and connectivity of four ungulate species in Tanzania

Anna Czapryna, Department of Biological Sciences, University of Illinois at Chicago, **\$1,500**
Ecology and demography of domestic dogs, *Canis familiaris*, in villages near Serengeti National Park, Tanzania

Juan Diaz-N, Department of Ecology, Evolution, and Behavior, University of Minnesota, **\$1,495**
Species limits in the neotropical marsupial genus *Marmosops* (Didelphimorphia: Didelphidae): a systematic revision for the “impavidus” species complex

Mark Ditmer, Department of Fisheries, Wildlife & Conservation Biology, University of Minnesota, **\$1,200**
American black bears (*Ursus americanus*): Strategies for living in a fragmented, agricultural landscape

Mark Elbroch, Wildlife, Fish, and Conservation Department, University of California, Davis, **\$1,290**
Evaluating the influence of pumas on endangered huemul deer

Matthew Fuxjager, Department of Zoology, University of Wisconsin – Madison, **\$1,500**
How does evolution shape species variation in the winner effect? Comparative studies of hormones and behavior in two closely related species of *Peromyscus* mice

Ashley Gramza, Department of Fish, Wildlife, and Conservation Biology, Colorado State University, **\$1,290**
Merging biological and social science data to understand interactions between free-ranging domestic cats and wildlife in Colorado

Angela Hornsby, Department of Ecology, Evolution, and Conservation Biology,
University of Nevada, Reno, **\$1,500**
Modern locations of secondary contact in the bushy-tailed woodrat, *Neotoma cinerea*

Chun Chia Huang, Department of Biological Sciences, Texas Tech University, **\$1,500**
Ecological services by insectivorous bats in the Paleotropics: a functional diversity study

Nikhil Lobo, Department of Biology, University of Western Ontario, **\$1,290**
Small mammal population responses to northern conifer mast

Eve McCulloch, Department of Biological Sciences, Louisiana State University, **\$1,290**
Effects of landscape fragmentation, isolation and environment on genetic structure of bats
in Atlantic forest of South America

Rachel Menegaz, Department of Pathology & Anatomical Sciences, University of
Missouri, **\$1,290**
Ecomorphological significance of primate dietary variability: an experimental model

Melissa Merrick, School of Natural Resources and the Environment, University of
Arizona, **\$1,500**
Tests of natal habitat preference in red squirrels inhabiting an altered forest landscape

Javier Monzon, Department of Ecology and Evolution, Stony Brook University, **\$1,500**
Landscape genomics of northeastern coyotes

Heather More, Department of Biomedical Physiology and Kinesiology, Simon Fraser
University, **\$1,500**
Conduction delay and sensorimotor resolution in the giraffe

Sean Neiswenter, Department of Life Sciences, University of Nevada, Las Vegas,
\$1,455
Late Neogene comparative phylogeography of heteromyid rodents: insight into the
biogeography of North American intermountain basins

Kendra Phelps, Department of Biological Sciences, Texas Tech University, **\$1,250**
Catastrophes faced by cave-roosting bats: Prioritizing karst formations for bat
conservation

Miguel Pinto, Department of Mammalogy, American Museum of Natural History,
\$1,250
Co-evolutionary and biogeographic patterns of bats and their trypanosomes

Monica Lynn Stewart, Department of Biology, University of Louisiana at Monroe, **\$890**
Intraspecific variation in alarm calls of a social subterranean rodent, *Spalacopus cyanus*

Alexandra Swanson, Department of Ecology, Evolution, and Behavior, University of Minnesota, **\$1,290**

Spatial and temporal mechanisms for carnivore coexistence

Cody Thompson, Department of Biological Sciences, Texas Tech University, **\$1,290**

Phylogeographic implications of hybridization between the Mexican ground squirrel (*Spermophilus mexicanus*) and the thirteen-lined ground squirrel (*S. tridecemlineatus*)

Nathan Upham, Committee on Evolutionary Biology, University of Chicago, **\$1,290**

Diversification of the South American rodent superfamily Octodontoidea: enhancing temporal and phylogenetic resolution with a complete suite of genera

Mrinalini Watsa, Department of Anthropology, Washington University in Saint Louis, **\$1,000**

Genetic structure and chimerism in *Saguinus fuscicollis* population in southeastern Peru

Aryn Wilder, Department of Biology, Boston University, **\$1,500**

Assessing population genetic structure in the little brown myotis (*Myotis lucifugus*) to predict the spread of white-nose syndrome

Respectively submitted,

C. William Kilpatrick, Chair

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