

## **Grants-in-Aid Committee**

**Committee Members:** L. N. Carraway, C. J. Conroy, B. J. Danielson, J. R. Demboski, T. L. Derting, J. W. Drago, C. W. Edwards, S. D. Gehrt, G. D. Hartman, L. D. Hayes, D. W. Kaufman, D. A. Kelt, C. W. Kilpatrick (Chair), J. L. Koprowski, A. Kurta, S. K. Lyons, M. Matocq, M. L. McKnight, N. D. Moncrief, L. Olson, J. Orrock, R. Rose, F. A. Smith, W. P. Smith, M. A. Steele, P. Stapp, R. D. Stevens, K. D. Stone

### **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) Application forms and instructions were updated and posted on the GIA Committee web page. The deadline for Grants-in-Aid was set at March 1, and that for fellowships was set at May 1.

(2) Membership on the committee was enlarged to 30 members. Three members retired (J. W. Demastes, P. D. Sudman, P. A. Zollner) after the annual meeting in June 2004, and a fourth member (S. J. Stepan) retired in December 2004. Thanks very much to these committee members for their dedicated service. Eight new members were added in July 2004 (C. J. Conroy, G. D. Hartman, L. D. Hayes, L. Olson, J. Orrock, R. Rose, W. P. Smith, P. Stapp). Current membership is 28.

(3) We worked with a representative of the Informatics Committee (K. Kramer) to improve the online submission for grant applications. Thanks to the hard work of the Informatics group, a new version of online submission was installed in December 2004. Although the system was tested prior to the submission deadline, some problems were not detected until the volume of applications was encountered. Two major problems were encountered near the deadline for applications, which resulted in numerous e-mails and phone calls. Overall the online submissions worked reasonable well. We will continue to work with the Informatics Committee to improve and streamline the online submissions of Grants-in-Aid applications and hopefully improve efficiency of the committee's handling of these electronic files.

(4) We had 105 applications for grants-in-aid. The number of applications appears to have stabilized at about 100 applications (110 in 2004, 87 in 2003, somewhere in the 70s in 2002 and 2001, usually in the 60s in the years before that). The committee ranked the proposals, and 27 were selected for support. As usual, members were impressed by the diversity and high quality of research activities proposed by the student members of ASM. The committee members have made an effort to provide each applicant with some

constructive comments on their proposals. Names of the grant recipients for 2005 follow at the end of this report.

(5) We had 12 applications for fellowships in mammalogy (down from the 19 in 2004 but up from 7 in 2003 and 8 in 2002). Following tradition, the fellowship applications were distributed to committee members who will attend the annual meeting of ASM and nominees will be selected during a closed session at the annual meeting. The American Society of Mammalogists Fellowship in Mammalogy will be \$16,000, and the Albert R. and Alma Shadle Fellowship in Mammalogy will be \$4,012.00 in 2005.

(6) A budget request for 2005 was submitted to the Planning and Finance Committee.

(7) 2005 ASM Grants-in-Aid Recipients.

**Rachel Page.** University of Texas at Austin, Integrative Biology, University Station C0930, Austin, TX 78712-0253  
[rachelpage@mail.utexas.edu](mailto:rachelpage@mail.utexas.edu)

Predator assessment of prey cues: Frog-eating bats and frog calls. \$1,230 Elizabeth Horner Award winner (additional \$250 = \$1,480)

**John Hisey.** The University of Memphis, 2335 Rolling Brook Dr. N. E., Cleveland, TN 37323  
[jhisey@memphis.edu](mailto:jhisey@memphis.edu)

Spatial scaling of genetic structure in populations of a solitary mammalian carnivore. \$1,474

**Samuel Diaz Munoz.** University of California, Berkeley Museum of Vertebrate Zoology, 3101 VLSB, University of California, Berkeley, Berkeley, CA 94720-3160  
[sldm@berkeley.edu](mailto:sldm@berkeley.edu)

Why help? Indirect and direct fitness benefits of alloparental care in male Geoffroy's tamarins. \$1,485

**Quinn Shurtliff.** Idaho State University, Box 8007, Pocatello, ID. 83209  
[shurquin@isu.edu](mailto:shurquin@isu.edu)

Behavioral and genetic dynamics of a woodrat (*Neotoma lepida*) hybrid zone in California. \$1,500

**Kevin Ellis.** California State Polytechnic University, Pomona, 3801 W. Temple Ave., Pomona, CA 91768-4032  
[kwellis@csupomona.edu](mailto:kwellis@csupomona.edu)

Phylogeography of Merriam's chipmunk, *Neotamias merriami*. \$1,500

**Miranda Mockrin.** Columbia University, 1200 Amsterdam Ave, MC5556,  
New York, NY 10027  
[mhm2004@columbia.edu](mailto:mhm2004@columbia.edu)

Hunting for control: The spatial structure and sustainability of subsistence. \$1,500

**Jennifer Siani.** University of Maryland, Department of Biology, University of  
Maryland, College Park, MD 20742  
[jmsiani@umd.edu](mailto:jmsiani@umd.edu)

Parent-offspring conflict in wild golden lion tamarins (*Leontopithecus rosalia*). \$1,500

**Rebecca Terry.** University of Chicago, 5734 S. Ellis Avenue, Chicago, IL 60637  
[rcterry@uchicago.edu](mailto:rcterry@uchicago.edu)

Small-mammal death-assemblages: Taphonomy and paleoecology of Homestead Cave,  
Utah. \$1,500

**Tony Wood.** Bat Ecology and Bioacoustics Lab, School of Biological Sciences,  
University of Bristol, Woodland Road, Bristol, BS8 1UG, UK  
[Tony.Wood@bristol.ac.uk](mailto:Tony.Wood@bristol.ac.uk)

Effect of human land use to bat diversity in Peninsular Malaysia. \$1,200

**Joshua Miller.** University of Chicago, 5734 S. Ellis Ave., Chicago, IL 60637  
[millerjh@uchicago.edu](mailto:millerjh@uchicago.edu)

Ecological insight from temperate mammalian death assemblages. \$1,500

**Andrea Swei.** University of California, Berkeley, 3060 VLSB #3140, Berkeley, CA  
94720-3140  
[swei@socrates.berkeley.edu](mailto:swei@socrates.berkeley.edu)

Small mammal demographic and behavioral response to Sudden Oak Death in California  
oak woodlands. \$1,500

**Chanda Bennett.** Columbia University, 448 Central Park West, 2D, New York, NY,  
10025  
[ceb61@columbia.edu](mailto:ceb61@columbia.edu)

Molecular evolution and population genetics of a successful exotic invasive carnivore,  
the small Indian mongoose (*Herpestes javanicus*), in the West Indies. \$1,400

**Natalie Dawson.** University of New Mexico, 1436 Richmond NE, Albuquerque, NM 87106  
[ndawson@unm.edu](mailto:ndawson@unm.edu)

Conservation genetics of island endemics: carnivores along the North Pacific Coast. \$1,500

**Andrew Hope.** University of New Mexico, 1436 Richmond NE, Albuquerque, NM 87106  
[ahope@unm.edu](mailto:ahope@unm.edu)

Post-glacial dynamics and phylogeography of *Microtus pennsylvanicus* (Rodentia: Muridae). \$1,500

**Jessie Quinn.** University of California, Davis, One Shields Ave., CA 95616  
[jhquinn@ucdavis.edu](mailto:jhquinn@ucdavis.edu)

Distribution, habitat use, dispersal, and survival of American badgers (*Taxidea taxus*) in fragmented habitat. \$1,400

**Kalb Stevenson.** University of Alaska Anchorage, Department of Biological Sciences, Ecosystem & Biomedical Laboratory (130), 3211 Providence Dr., Anchorage, AK 99508  
[askts1@uaa.alaska.edu](mailto:askts1@uaa.alaska.edu)

Environmental and nutritional challenges to reproduction in the northern redbacked vole (*Clethrionomys rutilus*). \$1,440

**Allison Bidlack.** University of California, Berkeley, 137 Mulford Hall, Berkeley, CA 94720-3114  
[abidlack@nature.berkeley.edu](mailto:abidlack@nature.berkeley.edu)

Invasive species risk assessment: modeling landscape and intraguild species correlates of red fox presence in northern California. \$1,500

**Robert Brinkerhoff.** Dept. of Ecology & Evolutionary Biology, Box 334 UCB, University of Colorado, Boulder, CO 80309  
[brinkerr@colorado.edu](mailto:brinkerr@colorado.edu)

Are mammalian carnivores plague vectors? \$1,500

**Rosa Moscarella.** Michigan State University, 203 Natural Science Building, East Lansing, MI 48824-1115  
[moscarel@msu.edu](mailto:moscarel@msu.edu)

Elucidating microevolutionary mechanisms underlying the expansion of *Peromyscus leucopus noveboracensis*. \$1,474

**Laurie Dizney.** Portland State University, 1718 SE Spruce, Hillsboro, OR 97123  
[dizneyl@pdx.edu](mailto:dizneyl@pdx.edu)

The link between diversity and disease. \$1,495

**Gloriana Chaverri.** Boston University, 5 Cummington Street, Boston, MA 02215  
[glori@bu.edu](mailto:glori@bu.edu)

Genetic consequences of a variable fission-fusion social system. \$1,468

**Kimberly Dingess.** Indiana University, 1075 Whisnand Road, Bloomington, IN 47408  
[kdingess@indiana.edu](mailto:kdingess@indiana.edu)

Monogamy and territoriality in Bolivian gray titi monkeys, *Callicebus donacophilus*.  
\$1,494

**Anna Ferry.** University of Alaska Fairbanks, 907 Yukon Drive, Fairbanks, Alaska  
99775  
[fsakf2@uaf.edu](mailto:fsakf2@uaf.edu)

Phylogeography of Madagascar's other insectivores and the endemism of *Suncus  
madagascariensis*. \$1,200

**Heidi Schutz.** University of Colorado, Boulder, CB 334, Boulder, CO 80309-0334  
[schutzh@colorado.edu](mailto:schutzh@colorado.edu)

Pelvic dimorphism in the Carnivora. \$1,433

**Rebecca Young.** University of Arizona, 1041 E. Lowell, BSW 310, Tucson, AZ 85721-  
0088  
[rlyoung@email.arizona.edu](mailto:rlyoung@email.arizona.edu)

Evolution of an environmentally directed trait: Influence of masticatory functional  
requirements on morphological integration in the shrew mandible. \$1,500

**Tereza Jerkova.** University of Nevada, Las Vegas, 4505 Maryland Pkwy,  
Las Vegas, NV 89154-4004  
[jezkovat@unlv.nevada.edu](mailto:jezkovat@unlv.nevada.edu)

Phylogeography of four sympatric species of *Dipodomys* in the Great Basin: the historical  
assembly and disassembly of an ecological guild in response to climatic changes. \$1,207

**Action items:**

1) We recommend some modifications of the online submission protocols in 2006 for the grant-in-aid applications and the development of protocols for the fellowship applications.

**Respectfully submitted,**  
C. William Kilpatrick, Chair  
(c-william.kilpatrick@uvm.edu)