

Grants-in-Aid Committee

Committee Members: J. Boyles, R. M. Brigham, B. Butler, L. N. Carraway, C. J. Conroy, T. L. Derting, J. W. Dragoo, J. A. Esselstyn, K. E. Galbreath, S. Gehrt, J. R. Goheen, G. D. Hartman, V. Hayssen, C. Himes, S. R. Hooper, D. M. Kaufman, J. L. Koprowski, H. C. Lanier, P. Larsen, J. Light, S. C. Loeb, K. Lyons, K. Mabry, B. McMillan, M. Matocq, M. L. McKnight, E. C. Oaks, D. K. Odell, B. Pasche, D. Post, A. W. Reed, D. M. Reeder, T. E. Roberts, R. K. Rose, K. C. Rowe, R. L. Schooley, P. T. Stapp, R. D. Stevens (Chair), K. D. Stone, H. H. Thomas.

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) Membership on the committee is currently 40 members. Justin Boyles, Steve Hooper, Jessica Light, and Karen Stone will resign in June. Thanks to these four committee members for their dedicated service to the Grants-in-Aid Committee. Two new members were added (Peter Larsen and Bret Pasche). We are always looking for additional members. Please contact me if you are interested in serving on this committee.

(2) We received 88 applications for Grants-in-Aid for 2013, below the average of approximately 100 applications received over the past few years but substantively better than last year. Budget for Grants-in-Aid was set by the Board at \$45,000 for 2013. The committee ranked the 88 proposals and 31 were selected for support based on their average ranking. 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 15 to 16 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 2013 Grant-in-Aid are attached to the end of this report.

(3) The recipient of the 2013 Elizabeth Horner Award for the top-ranked Grant-in-Aid proposal is Jessica Walz (Ohio State University).

(4) In 2012, 12 fellowship applications were received and reviewed. The 2012 ASM Fellowship recipient was Ryan Long of Idaho State University. The Shadle Fellowship recipient was Miguel Pinto Baez of the American Museum of Natural History and City University of New York. We received 10 fellowship/award applications for the 2013 competition. These will be distributed to committee members electronically and nominees will be selected during a closed session at the Annual Meeting. The amount of the American Society of Mammalogists Prize in Mammalogy will be \$7,500 and the Albert R. and Alma E. Shadle Fellowship in Mammalogy will be approximately \$4,000 in 2013.

Action item:

1) 2014 Budget Request

Grants-in-Aid of Research 33 x \$1,500	\$49,500
Horner Award	\$500
ASM Fellowship	\$7,500
Banquet tickets for GIA recipients (10 X \$30)	\$300
Total Request	\$57,800

2013 ASM Grants-in-Aid Recipients

Jessica Walz. **Horner Award Winner.** Ohio State University. Female mate choice in olive baboons (*Papio anubis*) at Gombe Stream National Park, Tanzania. \$2,000.

Daniel Becker. University of Georgia. Host behavior and resource shifts: feeding activity of the common vampire bat and rabies transmission in the Peruvian Amazon. \$1,500. Page | 25

Sonny Bleicher. University of Illinois at Chicago. Community Response to Cross-Continental Controlled Invasion by Convergent Species with Constraint-Breaking Adaptations. \$1,000

Cara Brook. Princeton University. Mammalian Biodiversity, Metapopulation Connectivity, and the Potential for Zoonosis. \$1,000

Hsiang Ling Chen. The University of Arizona. Roads and traffic noise as impediments to animal occupancy: why do animals avoid roads? \$1,500.

Kate Cleary. University of Idaho/CATIE. Landscape genetics of frugivorous bats in a humandominated tropical landscape. \$1,290.

Matthew Davis. Yale University. The Disassembly of the North American Large Mammal Fauna. \$1,500.

Christopher Emerling. University of California at Riverside. The Diversity and Evolution of Mammalian Visual Pigments. \$1,475.

Gideon Erkenwick. University of Missouri- St. Louis. Anticipating Emerging Infectious Disease by Exploring Patterns of Parasitism in Wild Primates. \$1,500.

Nicholas Fletcher. Cornell University. Genomic differentiation during refugial isolation and its impacts on current diversity of the field vole (*Microtus agrestis*). \$1,500.

Leticia Gutierrez. University of Missouri- St. Louis. Complex mammalian trophic structure and emerging infectious diseases: Highlights in Malaria and Lyme Disease. \$1,500.

Talysin Hammond. UC Berkeley. Physiological and behavioral correlates of elevational range shifts for two chipmunk species. \$1,500.

Anne-Marie Hodge. University of Wyoming. Rainfall as a driver of mesopredator release in central Kenya. \$1,500.

Matthew Holding. Ohio State University. A Tale of Two Traits: Are Ground Squirrel Resistance and Rattlesnake Venom Coevolved Phenotypes? \$1,500.

Anne Honeywell. University of Southern Maine. Frequency and Intensity of Agonistic Interactions in Harbor Seals (*Phoca vitulina*). \$1,200.

Caldonia Hubbard. University of Nevada- Las Vegas. Altitudinal Adaptation in the Pocket Gopher *Thomomys bottae*. \$1500.

Katrina Jones. Johns Hopkins University. Scaling and Evolution of the Mammalian Spine: A 3D Analysis of Vertebral Allometry. \$1,401. Page | 26

Allyssa Kilanowski. University of Arizona. Effect of individual behavioral phenotypes on the exploration and settlement stages of dispersal. \$1,440.

Rebecca Kirby. University of Wisconsin- Madison. The role of hibernation in biological aging: using telomeres as a potential indicator of fitness. \$1,490.

Angela Larsen. University of North Carolina at Greensboro. Influence of Individual Variation in Behavior Associated with Intercropping Switchgrass in Pine Forests on Rodent Population Dynamics and Community Diversity. \$1,500.

Molly McDonough. Texas Tech University. Plio-Pleistocene history of the Southern African Savanna- diversification of Southern African rodents of the genus *Gerbilliscus*. \$1,500.

Matthew Mumma. University of Idaho. Using molecular tools to evaluate a black bear diversionary feeding experiment. \$1,500.

Haley O'Brien. Ohio University. Investigating the Impact of Selective Brain Cooling on Patterns of Artiodactyl Diversification and Extinction. \$1,500.

Lisa Powers. University of Illinois. Does parturition date affect adult female survival in the little brown bat (*Myotis lucifugus*)? \$1,498.

Nelish Pradhan. University of Vermont. Phylogeny of the Genus Apodemus Inferred through Mitochondrial and Nuclear DNA. \$1,500.

Jason Riggio. University of California, Davis. Large mammal corridors in savannah Africa. \$1,500.

Torrey Rodgers. University of Illinois at Urbana-Champaign. Ocelot kin-structure and sociospatial organization from noninvasive genetic sampling and camera-trapping. \$1,500.

Hae Yeong Ryu. Stony Brook University. Measures of Dispersal in Ecology and Evolution. \$1,500.

Mariano Soley-Guardia. City College and The Graduate Center, City University of New York. Biogeographic implications of the ice ages for small rodents inhabiting the sky islands of Costa Rica and western Panama. \$1,500.

Julie Turner. Michigan State University. The Ontogeny of Dynamic Social Networks in a Gregarious Carnivore. \$1,500.

Jennifer Wilkening. University of Colorado, Boulder. Stress hormone levels as a predictor of survival in American Pikas. \$1,468.

Respectively submitted,
Richard D. Stevens, Chair
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