

Grants-in-Aid Committee

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

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 35 members. We are always looking for additional members to maintain our number of members at 40. Please contact me if you are interested in serving on this Committee.

(2) We received 82 applications for Grants-in-Aid for 2014, below the average of approximately 100 applications received over the past few years and a little lower than last year. The budget for Grants-in-Aid was set by the Board at \$49,500 for 2014. The Committee ranked the 82 proposals and 34 were selected for support based on their average ranking. The quality of the proposals continues to increase. 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 approximately 15 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 2014 grant-in-aid are attached to the end of this report.

(3) The recipient of the 2014 Elizabeth Horner Award for the top-ranked Grant-in-Aid proposal is Bryan McLean (University of New Mexico).

(4) In 2013, 8 fellowship applications were received and reviewed. The 2013 ASM Fellowship recipient was Miguel Pinto of the American Museum of Natural History. The Shadle Fellowship recipient was Robbie Burger from University of New Mexico. We received 8 fellowship/award applications for the 2014 competition. These 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 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 items:

(1) 2014 Budget Request

Grants-in-Aid of Research 37 x \$1,500	\$55,500
Horner Award	\$500
ASM Fellowship	\$7,500
Banquet tickets for GIA recipients (10 X \$30)	\$300
Total Request	\$63,800

(2) 2014 ASM Grants-in-Aid Recipients

Bryan McClean. **Horner Award Winner**. University of New Mexico and Museum of Southwestern Biology. Finding Common Ground: Towards an Absolute Timescale for Assessing the Radiation of Ground-dwelling Squirrels. \$2000.

Kayce Bell. University of New Mexico. Elucidating Evolutionary Histories of Multiple Chipmunk Parasites. \$1500.

Danielle Drabek. University of Minnesota. Characterizing Binding Affinities of Coevolving Proteins in Didelphid Marsupials and Bothropis Vipers. \$1500.

Rebecca Kelley. New Mexico State University. Early Life Experiences, Behavior, Epigenetics, and Dispersal in Brush Mice (*Peromyscus boylii*). \$1500.

Noah Dunham. Ohio State University. Food Selection and the Role of Fallback Foods in Kenya's Angola Black and White Colobus Monkey. \$1500.

Christopher Law, University of California Santa Cruz. Using Functional Morphology to Elucidate Patterns of Tool-Use & Dietary Specialization in Sea Otters. \$1500.

Aubrey Sirman. Auburn University. The Role of the Developmental Environment on Metabolism in the House Mouse (*Mus musculus*). \$1453.

Laurel Yohe. Stony Brook University. Finding Fruit in the Dark: Olfactory Evolution and Adaptation to Frugivory in Bats. \$1500.

Annelise Mowry. Auburn University. Energetic Tradeoffs of Reproduction and Tissue Maintenance in Naturally Breeding House Mice. \$1500.

Michael Pardo. Cornell University. Combinatorial Communication in Asian Elephants. \$1500.

Caitlin Wells. University of California Davis. Social Influences and Environmental Constraints on Multiple Paternity. \$1500.

Janna Willoughby. Purdue University. The Maintenance of Genetic Diversity in Captive Breeding Programs. \$1500.

Peggy Boone. University of Wisconsin-Madison. Ecological Correlates of Diet and Social Structure in the Greater Bamboo Lemur (*Prolemur simus*). \$1500.

Alyson Brokaw. Humboldt State University. Assessing the Use of Social Calls to Attract Bats to Artificial Roost Sites. \$1135.

Janet Buckner. University of California Los Angeles. Phylogenomics, Biogeography and Trait Evolution in Amazonian Marmosets. \$1500.

Tracy Burkhard. University of Texas at Austin. Sexual Selection and the Origins of Mouse Songs: Insights from a Central American Rodent. \$1500.

Gideon Erkenwick. University of Missouri-St Louis. Primate Hosts: Social Groups as Biological Islands. \$1500.

Kelly Speer. University of Florida. A Fly on the Cave Wall: Using Parasite Genetics to Assess Patterns of Host Dispersal. \$1500.

Erin Siracusa. University of Guelph. Adaptive Behavioral Plasticity in Response to the Composition of the Social Neighborhood in a Highly Territorial Squirrel. \$1500.

Heather Ahrens. Johns Hopkins School of Medicine. Diversity, Disparity, and the Evolution of North American Oxyaenidae and Hyaenodontidae (Eutheria, Creodonta). \$1500.

Casey Day. Purdue University. Evaluating the Potential Role of Habitat Restoration in the Recovery of the Humboldt Marten. \$1490.

Allyson Degrassi. University of Vermont. Small Mammal Populations in New England are Affected by the Hemlock Woolly Adelgid. \$1500.

Kapil Khadka. University of Arkansas, Fayetteville. Seasonal Diet of the Endangered Musk Deer and its Habitat Overlap with Livestock in the Himalayas. \$1180

Kelly Klingler. University of Nevada, Reno. An Investigation of the Evolutionary Potential of the American Pika, *Ochotona princeps*, to Determine Influence of Climate Warming. \$1500.

Garret Langlois. Texas Tech University. Environmental Determinants Of Social Network Structure: An Analysis of Two Neotropical Bats (*Artibeus lituratus* and *Chrotopterus auritus*) with Disparate Life History Strategies. \$1500

Mirian Tieko Nunes Tsuchiya. Smithsonian Institution. Taxonomic Revision and Evolutionary History of Procyonidae (Carnivora): Integrating Morphology, Genomics and Biogeography. \$1500.

Amy Remer. University of Notre Dame. Determinants of Intraspecific Versus Interspecific Variation in Mammals. \$1500.

Hae Yeong Ryu. Stony Brook University. Slatkin's paradox? A Case Study with the Golden-Mantled Ground Squirrel. \$1500.

Madeline Strom. University of Tennessee at Chattanooga. Habitat Specific Fitness Consequences of Sociality in *Octodon degus*. \$1500.

Sandra Troxel-Smith. University of California at Chicago. Relationships Between Personality, Foraging Decisions, Movement, and Habitat Selection in the Common Brushtail Possum. \$1500.

Emily Woodruff. University of Florida. Uncovering Developmental Genetic Variation in the Dentition of the Mouse. \$1500.

Jessica Haines. University of Alberta. Telomere Dynamics in Male Red Squirrels (*Tamiasciurus hudsonicus*). \$1500.

Andrew McGowan. Salisbury University. Bat Abundance, Distribution, Biodiversity, and Habitat Preference on the Delmarva Peninsula. \$1500.

Emma Roberts. Texas Tech University. The Utility of Zonadhesin in Examining a Potential Isolation Mechanism in Rodents. \$1242

Respectively submitted,
Richard D. Stevens, Chair
(richard.stevens@ttu.edu)