

ANTHROPOLOGICAL SCIENCES

GRADUATE DIRECTOR: ANDREAS KOENIG

❖ Grants, Fellowships and Awards

- Baden, Andrea L.** (2009) Ruppenthal Travel Award, \$500. *American Society of Primatologists*, San Diego, CA.
- Blatch, Stephanie.** (2010) National Science Foundation Graduate Research Fellowship, Honorable Mention. *National Science Foundation*, Arlington, VA.
- Bunn, Jonathan.** (2010) Nordic Research Opportunity Award, \$5,000. *National Science Foundation*, Arlington, VA.
- Deppe, Anja M.** (2009) Best Oral Paper Award, \$200. *American Society of Primatologists*, San Diego, CA.
- Erb, Wendy.** (2010) American Dissertation Fellowship, Alternate. *American Association of University Women*, Washington, DC.
- Erb, Wendy.** (2010) Sherwood L. Washburn Student Award, \$750. *American Association of Physical Anthropologists*, Albuquerque, NM.
- Fernández, David.** (2009) General Research Grant, \$13,000. *The Leakey Foundation*, San Francisco, CA.
- Fernández, David.** (2009) Doctoral Dissertation Improvement Grant, \$13,000. *National Science Foundation*, Arlington, VA.
- Fernández, David.** (2009) Conservation Grant, \$15,000. *Conservation International: Margot Marsh Biodiversity Foundation*, Flourtown, PA.
- Gogarten, Jan.** (2010) National Science Foundation Graduate Research Fellowship, \$30,000/year for three years. *National Science Foundation*, Arlington, VA.
- Herrera, James P.** (2010) National Science Foundation Graduate Research Fellowship, \$30,000/year for three years. *National Science Foundation*, Arlington, VA.
- Herrera, James P.** (2010) Poster Award, 3rd place, \$50. *CUNY-SUNY Alliance for Graduate Education and the Professoriate Science and Engineering*, Manhattan, NY.
- Larney, Eileen.** (2009-2010) Conservation Grant, \$2,000. *International Primatological Society*, Yola, Nigeria.
- Larney, Eileen.** (2009-2010) Conservation Grant, \$15,000. *Conservation International: Margot Marsh Biodiversity Foundation*, Flourtown, PA.
- Larney, Eileen.** (2009-2010) Conservation Grant, \$3,000. *Primate Conservation, Inc.*, Charlestown, RI.
- Larney, Eileen.** (2009-2010) Conservation Grant, \$2,300. *Primate Conservation, Inc.*, Charlestown, RI.
- Nelson, Thaddeus.** (2009) Heritage Fellowship, \$1,000. *The American Schools of Oriental Research*, Boston, MA.
- Ossi-Lupo, Kerry.** (2010) Primate Interest Group Award. *American Association of Physical Anthropologists*, Albuquerque, NM.
- St. Clair, Elizabeth M.** (2010) Graduate Student Travel Award, \$250. *American Association of Anatomists*, Bethesda, MD.
- Venkataraman, Vivek V.** (2010) National Science Foundation Graduate Research Fellowship, \$30,000/year for three years. *National Science Foundation*, Arlington, VA.

Venkataraman, Vivek V. (2010) Pollitzer Travel Award, \$500. *American Association of Physical Anthropologists*, Albuquerque, NM.

Viterbo, Kyle Marian A. (2010) National Science Foundation Graduate Research Fellowship, \$30,000/year for three years. *National Science Foundation*, Arlington, VA.

❖ **Singly Authored Publications/Research Reports/Reviews**

Elder, Alice. (2009) Hylobatid diet revisited: the importance of body mass, fruit availability and interspecific competition. In S. Lappan, D.J. Whittaker (Eds.), *The Gibbons: New Perspectives on Small Ape Socioecology and Population Biology* (pp. 133-159). New York: Springer.

Martin, Sara K. (In Press) Book review of *Primate Parasite Ecology* by M.A. Huffman and C.A. Chapman (Eds.). *The Quarterly Review of Biology*.

Ossi-Lupo, Kerry. (2010) Skill learning for survival in nonhuman primates. In D.F. Lancy, J. Bock, S. Gaskins (Eds.), *The Anthropology of Learning in Childhood* (pp. 309-340). Lanham, MD: Alta Mira Press.

❖ **Jointly Authored Publications/ Research Reports/Reviews**

Baden, Andrea L., Gilbert, C.C. (2009) Physical anthropology in the windy city. *Evolutionary Anthropology* 18(4): 123-124.

Baden, Andrea L., Lu, A., Tecot, S.R. (2009) 2009 annual meeting of the American Society of Primatologists. *Evolutionary Anthropology* 18(5): 164-165.

Fleagle, J.G., **Baden, Andrea L.** (2009) The evolution of human behavior. *Evolutionary Anthropology* 18(5): 163.

Fleagle, J.G., Gilbert, C.C., **Baden, Andrea L.** (2010) Primate cranial diversity. *American Journal of Physical Anthropology* 142(4): 565-578.

Fleagle, J.G., Shea, J.J., Grine, F.E., **Baden, Andrea L.,** Leakey, R.E. (Eds.) (2010) Out of Africa I: The First Hominin Colonization of Eurasia. Dordrecht: Springer.

Ross, C.F., **Baden, Andrea L.,** Georgi, J., Herrel, A., Metzger, K., Reed, D., Schaerlaeken V., Wolff, M. (2010) Modulation of amniote chewing. *Journal of Experimental Biology* 213: 572-584.

Fernández, David, McCabe, G.M., Ehardt, C.L. (In Press). Infant mortality in wild Sanje mangabeys *Cercocebus sanjei*. *African Primates*.

Doran-Sheehy, D.M., **Fernández, David,** Borries, C. (2009) The strategic use of sex in wild western gorillas. *American Journal of Primatology* 71(12): 1011-1020.

Young, J.W., **Fernández, David,** Fleagle, J.G. (2010) Ontogeny of long bone geometry in capuchin monkeys (*Cebus albifrons* and *Cebus apella*): implications for locomotor development and life history. *Biology Letters* 6: 197-200.

Jacobs, Rachel L., Boyer, D.M., Patel, B.A. (2009) Comparative functional morphology of the primate peroneal process. *Journal of Human Evolution* 57(6): 721-731.

Kingston, Amanda K., Boyer, D.M., Patel, B.A., Larson, S.G., Stern, J.T. Jr. (2010) Hallucal grasping in *Nycticebus coucang*: Further implications for the functional significance of an enlarged peroneal process. *Journal of Human Evolution* 58(1): 33-42.

Lenardi, M.J., **Merwin, Daria E.** (2010) Towards automating artifact analysis: a study showing potential applications of computer vision and morphometrics to artifact typology. In A.M.T. Elewa (Ed.), *Morphometrics for Nonmorphometricians* (pp. 289-305). Berlin: Springer.

- Williams, R.C., Nash, L.T., **Scarry, Clara J.**, Videan, E.N., Fritz, J. (2010) Factors affecting wounding aggression in a colony of captive chimpanzees (*Pan troglodytes*). *Zoo Biology* 29(3): 351-364.
- Shea, J.J., **Sisk, Matthew L.** (2010) Projectile technology and *Homo sapiens* dispersal from Africa to Western Eurasia. *PaleoAnthropology 2010*: 100-122.
- St. Clair, Elizabeth M.**, Baab, K.L. (2009) Throwing light on early human evolution in Africa. *Evolutionary Anthropology* 18(4): 121-122.
- St. Clair, Elizabeth M.**, Boyer, D.M., Bloch, J.I., Krause, D.W. (2010) First records of a triisodontine mammal, *Goniacodon levisanus*, in the late Paleocene of the northern Great Plains, North America. *Journal of Vertebrate Paleontology* 32(2): 604- 608.
- Wallace, Ian J.**, Middleton, K.M., Lublinsky, S., Kelly, S.A., Judex, S., Garland, T. Jr., Demes, B. (In Press) Functional significance of genetic variation underlying limb bone diaphyseal structure. *American Journal of Physical Anthropology*.

❖ **Abstracts, Conferences/Colloquia, Presentations, Symposiums, Workshops**

- Baden, Andrea L.** (2009/2010) It takes a village: communal infant care and socialization in wild ruffed lemurs (*Varecia variegata*) in southeastern Madagascar. *32nd Meeting of the American Society of Primatologists*. San Diego, CA. *Provost's Graduate Student Lecture Series*. Stony Brook University, Stony Brook, NY.
- Baden, Andrea L.** (2010) Characterizing 'kindergartens': nest use and infant-parking strategies in *Varecia variegata*. *79th Annual Meeting of the American Association of Physical Anthropologists*. Albuquerque, NM.
- Blatch, Stephanie**, Boyer, D.M., King, S.J., Bunn, J.M., Jernvall, J., Wright, P.C. (2010) Do old sifakas (*Propithecus edwardsi*) chew differently? *79th Annual Meeting of the American Association of Physical Anthropologists*. Albuquerque, NM.
- Bunn, Jonathan**, Boyer, D., Jernvall, J., Lipman, Y., Daubechies, I. (2009) Who cares which way is up? An orientation and landmark-free quantification of tooth shape. *69th Society of Vertebrate Paleontology Annual Meeting*. Bristol, UK.
- Blatch, S., Boyer, D., King, S.J., **Bunn, Jonathan**, Jernvall, J., Wright, P.C. (2010) Do old sifakas (*Propithecus edwardsi*) chew differently? *79th Annual Meeting of the American Association of Physical Anthropologists*. Albuquerque, NM.
- Carnation, Stevie**, Wallace, I.J., Nakatsukasa, M. (2010) Relative limb strength in *Paracolobus chemeroni*. *79th Annual Meeting of the American Association of Physical Anthropologists*. Albuquerque, NM.
- Richmond, B.G., Bennett, M.R., Harris, J.W.K., Behrensmeyer, A.K., Braun, D.R., **Carnation, Stevie**, Chirchir, H., Green, D.J., Kiura, P., Mbua, E. (2010) The anatomy of footprints from Koobi Fora, Kenya. *79th Annual Meeting of the American Association of Physical Anthropologists*. Albuquerque, NM.
- Deppe, Anja M.**, Wright, P.C. (2009) Predator recognition in brown mouse lemurs: field experiments in Ranomafana National Park, Madagascar. *32nd Meeting of the American Society of Primatologists*. San Diego, CA.
- Erb, Wendy M.**, Ziegler, T., Hammerschmidt, K. (2010) Do loud calls reflect energy status in male simakobu monkeys (*Simias concolor*)? *79th Annual Meeting of the American Association of Physical Anthropologists*. Albuquerque, NM.
- Henecke, J., Twiss, K., **Everhart, Jennifer**. (2010) Long bone cross-sectional geometry as a method for investigating ancient herd mobility. *75th Annual Meeting of the Society of American Archaeologists*. St. Louis, MO.

- Goodenberger, Katherine E.**, Seiffert, E.R., Simons, E.L. (2010) A distal humerus of the primate *Karanisia* from the late Eocene of Egypt. *79th Annual Meeting of the American Association of Physical Anthropologists*. Albuquerque, NM.
- Gosselin-Ildari, Ashley D.** (2010) The effect of unstable substrates on the locomotion of capuchin monkeys. *79th Annual Meeting of the American Association of Physical Anthropologists*. Albuquerque, NM.
- Gosselin-Ildari, Ashley D.**, Boyer, D.M., Lemelin, P. (2009) Influence of a terrestrial history on foot morphology in primate-like arboreal procyonids (Mammalia, Carnivora). *69th Society of Vertebrate Paleontology Annual Meeting*. Bristol, UK.
- Graves, Ronda R.**, McCarthy, R.C., Lupo, A.C., Wescott, D.J., Cunningham, D.L. (2010) New estimates of stature and body mass for KNM-WT 15000. *79th Annual Meeting of the American Association of Physical Anthropologists*. Albuquerque, NM.
- Henecke, Jennifer**, Twiss, K., Everhart, J. (2010) Long bone cross-sectional geometry as a method for investigating ancient herd mobility. *75th Annual Meeting of the Society of American Archaeologists*. St. Louis, MO.
- Herrera, James P.**, Furfey, B.C., Taylor, L.L. (2010) Does the behavior of blind night monkeys (*Aotus*) differ from conspecifics with normal vision? *CUNY-SUNY Alliance for Graduate Education and the Professoriate Science and Engineering Conference*. Manhattan, NY. *79th Annual Meeting of the American Association of Physical Anthropologists*. Albuquerque, NM.
- Herrera, James P.**, Lauterbur, M.E., Wright, P.C., Ratovonjanahary, L., Taylor, L.L. (2009) Rapid assessment of lemurs in disturbed and undisturbed habitats in southeast Madagascar. *32nd Meeting of the American Society of Primatologists*. San Diego, CA.
- Evans, S., Wolovich, C., **Herrera, James**. (2009) Aggression in captive owl monkeys (genus *Aotus*). *32nd Meeting of the American Society of Primatologists*. San Diego, CA.
- Chester, S.G.B., Boyer, D.M., Bloch, J.I., Sargis, E.J., **Jacobs, Rachel L.**, Patel, B.A. (2010) Hallucal metatarsal of euarchontan mammals. *79th Annual Meeting of the American Association of Physical Anthropologists*. Albuquerque, NM.
- Patel, B.A., Boyer, D.M., **Jacobs, Rachel L.**, Seiffert, E.R., Simons, E.L. (2010) Anthropoid first metatarsal from the late Eocene of Egypt. *79th Annual Meeting of the American Association of Physical Anthropologists*. Albuquerque, NM.
- Borries, C., **Larney, Eileen**, Lu, A., Ossi, K., Koenig, A. (2009) Are faster life histories in folivores a myth? First data for *Trachypithecus phayrei crepusculus* and a comparison of Asian colobines and macaques. *32nd Meeting of the American Society of Primatologists*. San Diego, CA.
- Jolly, C.J., Phillips-Conroy, J.E., Burrell, A.S., Bergey, C., **Larney, Eileen**, Disotell, T. (2010) The circle is unbroken: hybridization occurs between Kinda and chacma baboons in the Kafue Valley, Zambia. *79th Annual Meeting of the American Association of Physical Anthropologists*. Albuquerque, NM.
- Koenig, A., **Larney, Eileen**, Borries, C. (2009) A little knowledge is a dangerous thing: dispersal and residence pattern in Phayre's leaf monkeys. *7. Göttinger Freilandtage, "Long-term field studies of primates"*. German Primate Center, Göttingen, Germany.
- Larney, Eileen**, Rafaliarison, R.R., Wright, P.C. (2010) Working to save *Prolemur simus* in southeastern Madagascar: the Ivato update. *The International Technical Meeting on Prolemur simus Conservation*. Antananarivo, Madagascar.
- Lodwick, Jessica L.**, Doran-Sheehy, D. (2010) How do different methods and data sets affect measures of female dominance? *79th Annual Meeting of the American Association of Physical Anthropologists*. Albuquerque, NM.

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- Kuriakose, B., **Lodwick, Jessica**, Fleagle, J. (2010) Measuring within-group contest competition in western lowland gorillas. *Long Island Science and Engineering Fair/ Siemens Competition in Math, Science, and Technology*. Woodbury, NY.
- Maiolino, Stephanie**, Boyer, D.M., Bloch, J.I. (2010) Grasping, clasping, and claw climbing: locomotor specializations of non-hallucal distal phalanges in plesiadapiform primates. *79th Annual Meeting of the American Association of Physical Anthropologists*. Albuquerque, NM.
- Ossi-Lupo, Kerry**, Koenig, A. (2010) Food properties and implications for juvenile foraging in Phayre's leaf monkeys (*Trachypithecus phayrei crepusculus*). *79th Annual Meeting of the American Association of Physical Anthropologists*. Albuquerque, NM.
- Borries, C., Larney, E., Lu, A., **Ossi, Kerry**, Koenig, A. (2009) Are faster life histories in folivores a myth? First data for *Trachypithecus phayrei crepusculus* and a comparison of Asian colobines and macaques. *32nd Meeting of the American Society of Primatologists*. San Diego, CA.
- Sisk, Matthew L.**, Shea, J.J. (2010) The use of tip cross-sectional perimeter in determining projectile use: experimental, archaeological and theoretical approaches. *75th Annual Meeting of the Society of American Archaeologists*. St. Louis, MO.
- Sisk, Matthew L.** (2009) Using Gigapan imagery in archaeological contexts. *3rd Annual Fine Foundation Gigapan Workshop*. Pittsburgh, PA.
- St. Clair, Elizabeth M.**, Boyer, D.M., Perry, J.M.G. (2010) The evolution of molar shape diversity in primates and euarchontan mammals: a geometric morphometric approach. *79th Annual Meeting of the American Association of Physical Anthropologists*. Albuquerque, NM.
- St. Clair, Elizabeth M.**, Boyer, D.M., Baab, K.L., Perry, J.M.G. (2010) Geometric morphometric investigation of size and shape in prosimian molar morphology: incorporating phylogeny into allometric analyses. *American Association of Anatomists Annual Meeting*. Anaheim, CA.
- Su, Anne.** (2010) Quantitative analysis and functional significance of subchondral and cancellous bone micro-architecture in the hominid hind foot. *79th Annual Meeting of the American Association of Physical Anthropologists*. Albuquerque, NM.
- Fashing, P.J., Nguyen, N., Kerby, J.T., Lee, L.M., Nurmi, N.O., **Venkataraman, Vivek V.** (2010) Patterns and sources of mortality among geladas (*Theropithecus gelada*) at Guassa, Ethiopia. *79th Annual Meeting of the American Association of Physical Anthropologists*. Albuquerque, NM.
- Viterbo, Kyle Marian A.**, Harcourt-Smith, W.E. (2010) A 3-D geometric morphometric study of the "keystone" tarsals: implications for diversity in the foot of early bipedal hominins. *79th Annual Meeting of the American Association of Physical Anthropologists*. Albuquerque, NM.
- Wallace, Ian J.**, Middleton, K.M., Lublinsky, S., Kelly, S.A., Judex, S., Garland, T. Jr., Demes, B. (2010) Activity, genes and diaphyseal structure. *79th Annual Meeting of the American Association of Physical Anthropologists*. Albuquerque, NM.
- Carnation, S., **Wallace, Ian J.**, Nakatsukasa, M. (2010) Relative limb strength in *Paracolobus chemeroni*. *79th Annual Meeting of the American Association of Physical Anthropologists*. Albuquerque, NM.

❖ Post-Doctorates Obtained and Professional Appointments

- Baden, Andrea L.** (2009) Research Associate. Molecular Anthropology Department, *Yale University*, New Haven, CT.
- Larney, Eileen.** (2009) Chief of Operations. Institute for the Conservation of Tropical Environments, *Centre ValBio*, Ranomafana, Madagascar.
- Malko, Helen.** (2010) Adjunct Faculty. Department of Social Sciences, *Suffolk County Community College*, Selden, NY, Suffolk.

St. Clair, Elizabeth M. (2009) Clinical Assistant Professor. Department of Occupational Therapy, *SUNY Downstate*, Brooklyn, NY.

❖ **Internship Appointments**

Malko, Helen. (2009) Intern. North American Archaeology Lab, *American Museum of Natural History*, Manhattan, NY.