

Jason M. Kamilar

Curriculum vitae

CONTACT INFORMATION

Department of Anthropology
University of Massachusetts
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PROFESSIONAL APPOINTMENTS

- 2015 - **Assistant Professor**, Department of Anthropology, University of Massachusetts, Amherst
- 2015 - **Faculty**, Graduate Program in Organismic and Evolutionary Biology, University of Massachusetts, Amherst
- 2015 - **Primate Curator**, Natural History Collections, University of Massachusetts, Amherst
- 2011 - 2015 **Research Assistant Professor**, Department of Anatomy, Arizona College of Osteopathic Medicine, Midwestern University
- 2011 - 2015 **Adjunct Faculty**, School of Human Evolution and Social Change, Arizona State University
- 2009 - 2011 **Postdoctoral Research Associate**, Department of Anthropology and Molecular Anthropology Laboratory, Yale University
- 2006 - 2009 **Postdoctoral Fellow** and **Research Associate**, Department of Anthropology, Washington University, St. Louis
- 2008 - 2009 **Adjunct Instructor**, Department of Sociology and Criminal Justice, St. Louis University
- 2003 - 2006 **Editorial Assistant** for *Evolutionary Anthropology*, Department of Anatomical Sciences, Stony Brook University
- 2003 - 2006 **Academic Advisor**, Academic and Pre-Professional Advising Center, Stony Brook University
- 2004 - 2005 **Instructor**, Department of Anthropology, Stony Brook University

EDUCATION

- 1999 - 2006 **Ph.D.** Anthropological Sciences, Stony Brook University
Committee: Charles Janson, John Fleagle, Patricia Wright, Charles Nunn
- 1994 - 1999 **B.A.** Anthropology, Arizona State University
- 1994 - 1999 **B.S.** Life Sciences, Arizona State University

GRANTS (Total external funding received: \$549,324)

- 2017 - 2020 **Leakey Foundation Research Grant**, PI (with Brenda Bradley, George Washington University and David Sela, University of Massachusetts), "The Evolutionary Ecology of Primate Hair and Skin Microbiomes" (\$25,000)
- 2016 - 2019 **National Science Foundation**, BCS #1551799, PI (with Kaye Reed, Arizona State University), "Understanding Temporal Variation in Primate Communities: Integrating Data from Extant and Fossil Species" (\$274,399)
- 2014 - 2018 **National Science Foundation**, BCS #1354997 and #1606360, PI (with Brenda Bradley, George Washington University), "The Evolution of Hair and Fur: Proximate and Ultimate Mechanisms Shaping Primate Pelage Variation" (\$204,239)
- 2013 - 2016 **Wenner-Gren Foundation Research Grant**, PI (with Brenda Bradley, George Washington University), "The Evolution of Primate Hair Morphology: A Comparative Approach" (\$18,819)
- 2009 **International Primatological Society Research Grant**, "The Evolution of Primate Pelage Coloration Using Melanin Pigments: A Pilot Study" (\$1,500)
- 2008 - 2011 **Leakey Foundation Research Grant**, PI, "The Evolutionary Ecology of Primate Pelage Color Variation" (\$18,500)
- 2005 - 2006 **National Science Foundation Dissertation Improvement Grant**, co-PI (with Charles Janson, Stony Brook University) "Intraspecific Variation in Primate Behavior and Ecology" (\$6,867)

AWARDS

- 2017 - 2018 **Institute of Social Science Research Scholar, University of Massachusetts Amherst**
- 2011 **Postdoctoral Scholar Travel Award, Yale University** (\$1,000)
- 2007 **Thomas J. Dee Fellowship, Field Museum of Natural History** (\$1,000)
- 2006 **Sigma Xi Travel Award** (\$200)
- 2005 **Podium Presentation Student Prize** awarded at the 5th Göttinger Freilandtage, Germany. Primate diversity: Past, present and future (\$125)

- 2005 **Best Student Poster Honorable Mention (with Kerry Ossi)**, awarded at the 74th annual meeting of the American Association of Physical Anthropologists by the Primate Biology and Behavior Interest Group
- 2004 **Sigma Xi Award for Excellence in Research**
- 2004 **The Sherwood Washburn Student Prize** awarded at the 73rd annual meeting of the American Association of Physical Anthropologists (\$300)

PEER-REVIEWED ARTICLES AND BOOK CHAPTERS (*indicates student co-author)

- In revision Agostini GM* and **Kamilar JM**. Ontogeny, function, and phylogenetic signal in primate skeletal morphology. *Evolution*.
- In revision Fuchs AJ*, **Kamilar JM**, Gilbert CC. Ecological niche modeling of the genus *Papio*. *American Journal of Physical Anthropology*.
- In revision Vander Linden A*, Hedrick BP, **Kamilar JM**, Dumont ER. The evolution of atlas vertebra morphology in primates, rodents, and relatives. *Zoological Journal of the Linnean Society*.
- In press Best A* and **Kamilar JM**. In press. The evolution of sweat glands in human and nonhuman primates. *Journal of Human Evolution*.
- In press **Kamilar JM** and Beaudrot L. Quantitative methods for primate biogeography and macroecology. *Spatial Analysis in Field Primatology: Applying GIS at Varying Scales*. CA Shaffer, F Dolins, JR Hickey, NP Nibbelink, L Porter, eds. Cambridge: Cambridge University Press.
- 2017 **Kamilar JM**. Biogeography and primate biogeography. *The International Encyclopedia of Primatology*. A Fuentes, ed. Hoboken: John Wiley & Sons.
- 2016 Baden AL, Webster TH*, **Kamilar JM**. Resource seasonality and reproductive state predict fission-fusion dynamics in a Malagasy strepsirrhine, *Varecia variegata*. *American Journal of Primatology* 78: 256-279.
- 2016 Borries C, Sandel AA*, Koenig A, Fernandez-Duque E, **Kamilar JM**, Amoroso CR*, Barton RA, Bray J*, DiFiore A, Gilby IC, Gordon AD, Mundry R, Port M, Powell LE*, Pusey AE, Spriggs A*, Nunn CL. Transparency, usability, and reproducibility: guiding principles for improving comparative databases using primates as examples. *Evolutionary Anthropology* 25: 232-238.
- 2016 **Kamilar JM**, Blanco M, Muldoon KM. Ecological niche modeling of mouse lemurs and its implications for their species diversity and biogeography. *Dwarf and mouse lemurs of Madagascar: Biology, behavior and conservation biogeography of the Cheirogaleidae*. SM Lehman, U Radespiel, E Zimmermann, eds. Cambridge: Cambridge University Press. pp. 449-461.
- 2016 **Kamilar JM** and Tecot SR. Anthropogenic and climatic effects on the distribution of *Eulemur* species: An ecological niche modeling approach. *International*

- Journal of Primatology 37: 47-68.
- 2016 Kelley EA, Jablonski NG, Chaplin G, Sussman RW, **Kamilar JM**. Behavioral thermoregulation in *Lemur catta*: The significance of sunning and huddling behaviors. *American Journal of Primatology* 78: 745-754.
- 2016 Lazagabaster IA*, Rowan J*, **Kamilar JM**, Reed KE. Evolution of craniodental correlates of diet in African Bovidae. *Journal of Mammalian Evolution* 23: 385-396.
- 2016 Moore BA, Tyrrell LP, **Kamilar JM**, Collin SP, Dominy NJ, Hall MI, Heesy CP, Johnsen S, Lisney TJ, Loew ER, Moritz G, Nava S, Warrant EJ, Yopak KE, Fernandez-Juricic E. Structure and functions of regional specializations in vertebrate retinas. *Evolution of Nervous Systems*, 2nd edition, JH Kaas, ed. New York: Elsevier Publishers. pp. 351-372.
- 2016 Rowan J*, **Kamilar JM**, Beaudrot L, Reed KE. Strong influence of paleoclimate on the structure of modern African mammal communities. *Proceedings of the Royal Society B* 283: 20161207.
- 2015 **Kamilar JM** and Tecot SR. Connecting proximate mechanisms and evolutionary patterns: Pituitary gland size and mammalian life history. *Journal of Evolutionary Biology* 28: 1997-2008.
- 2015 **Kamilar JM**, Beaudrot L, Reed KE. Climate and species richness predict the phylogenetic structure of African mammal communities. *PLoS ONE* 10: e0121808. doi:10.1371/journal.pone.0121808.
- 2014 Anestis SF, Webster TH*, **Kamilar JM**, Fontenot B, Watts DP, Bradley BJ. AVPR1A variation in chimpanzees (*Pan troglodytes*): Population differences and association with behavioral style. *International Journal of Primatology* 35: 305-324.
- 2014 Beaudrot L*, **Kamilar JM**, Marshall AJ, Reed KE. African primate assemblages exhibit a latitudinal gradient in dispersal limitation. *International Journal of Primatology* 35: 1088-1104.
- 2014 **Kamilar JM** and Atkinson QD. Cultural assemblages show nested structure in humans and chimpanzees but not orangutans. *Proceedings of the National Academy of Sciences USA* 111: 111-115.
- 2014 **Kamilar JM** and Baden AL. What drives flexibility in primate social organization? *Behavioral Ecology and Sociobiology* 68: 1677-1692.
- 2014 **Kamilar JM**, Beaudrot L*, Reed KE. Advances in primate community ecology research across spatial, temporal and phylogenetic scales. *International Journal of Primatology* 35: 1083-1087.

- 2014 **Kamilar JM**, Beaudrot L*, Reed KE. The influences of species richness and climate on the phylogenetic structure of African haplorhine and strepsirrhine primate communities. *International Journal of Primatology* 35: 1105-1121.
- 2013 **Kamilar JM** and Beaudrot L.* Understanding primate communities: Recent developments and future directions. *Evolutionary Anthropology* 22: 174-185.
- 2013 **Kamilar JM** and Cooper N. Phylogenetic signal in primate behaviour, ecology, and life history. *Philosophical Transactions of the Royal Society B* 368: 20120341.
- 2013 **Kamilar JM**, Heesy CP, Bradley BJ. Did trichromatic color vision and red hair color co-evolve in primates? *American Journal of Primatology* 75: 740-751.
- 2013 Tecot SR, Baden AL*, Romine N*, **Kamilar JM**. Reproductive strategies and infant care in the Malagasy primates. In: *Building Babies: Proximate and Ultimate Perspectives of Primate Developmental Trajectories*, K. Clancy, K. Hinde, and J. Rutherford, eds. New York: Springer Press. pp. 321-359.
- 2012 Cooper N, **Kamilar JM**, Nunn CL. Host longevity and parasite species richness in mammals. *PLoS ONE* 7: e42190. doi:10.1371/journal.pone.0042190.
- 2012 Hall MI, **Kamilar JM**, Kirk EC. Eye shape and the nocturnal bottleneck of mammals. *Proceedings of the Royal Society B* 279: 4962-4968.
- 2012 **Kamilar JM** and Marshack JL.* Does geography or ecology best explain 'cultural' variation among chimpanzee communities? *Journal of Human Evolution* 62: 256-260.
- 2012 **Kamilar JM**, Muldoon KM, Lehman SM, Herrera JP.* Testing Bergmann's rule and the resource seasonality hypothesis in Malagasy primates using GIS-based climate data. *American Journal of Physical Anthropology* 147: 401-408.
- 2012 Moore BA*, **Kamilar JM**, Collin SP, Bininda-Emonds ORP, Dominy NJ, Hall MI, Heesy CP, Johnsen S, Lisney TJ, Loew ER, Moritz G*, Nava S, Warrant EJ, Yopak KE, Fernandez-Juricic E. A novel method for comparative analysis of retinal specialization traits from topographic maps. *Journal of Vision* 12: 13. doi:10.1167/12.12.13.
- 2012 Pointer MA, **Kamilar JM**, Warmuth V*, Chester SGB*, Delsuc F, Mundy NI, Asher RJ, Bradley BJ. RUNX2 tandem repeats and the evolution of facial length in placental mammals. *BMC Evolutionary Biology* 12: 103. doi:10.1186/1471-2148-12-103.
- 2012 Tecot SR, Baden AL*, Romine N*, **Kamilar JM**. Infant parking and nesting, not allomaternal care, influence Malagasy primate life histories. *Behavioral Ecology and Sociobiology* 66: 1375-1386.

- 2011 Hall MI, Kirk EC, **Kamilar JM**, Carrano MT. Technical Comment on “Nocturnality in dinosaurs inferred from scleral ring and orbit morphology”. *Science* 334: 1641.
- 2011 Heesy CP, **Kamilar JM**, Willms J.* Retinogeniculostriate pathway components only scale with orbit convergence in primates and not other mammals. *Brain, Behavior, and Evolution* 77: 105–115.
- 2011 **Kamilar JM** and Bradley BJ. Countershading is related to positional behavior in primates. *Journal of Zoology* 283: 227-233. *Cover Article*.
- 2011 **Kamilar JM** and Bradley BJ. Interspecific variation in primate coat color supports Gloger’s rule. *Journal of Biogeography* 38: 2270-2277.
- 2011 **Kamilar JM** and Ledogar JA.* Species co-occurrence patterns and dietary resource competition in primates. *American Journal of Physical Anthropology* 144:131–139.
- 2011 Wheeler BC, Bradley BJ, **Kamilar JM**. Predictors of orbital convergence in primates: A test of the snake detection hypothesis of primate evolution. *Journal of Human Evolution* 61: 233-242.
- 2010 **Kamilar JM**, Bribiescas RG, Bradley BJ. Is group size related to longevity in mammals? *Biology Letters* 6: 736-739.
- 2010 **Kamilar JM** and Guidi LM.* The phylogenetic structure of primate communities: Variation within and across regions. *Journal of Biogeography* 37: 801-813.
- 2010 **Kamilar JM** and Muldoon KM. The climatic niche diversity of Malagasy primates: A phylogenetic approach. *PLoS ONE* 5: e11073. doi:10.1371/journal.pone.0011073.
- 2009 **Kamilar JM**. Environmental and geographic correlates of the taxonomic structure of primate communities. *American Journal of Physical Anthropology* 139: 382–393.
- 2009 **Kamilar JM**. Interspecific variation in primate countershading: Effects of activity pattern, body mass, and phylogeny. *International Journal of Primatology* 30: 877–891.
- 2009 **Kamilar JM**, Martin SK*, Tosi AJ. Combining biogeographic and phylogenetic data to examine primate speciation: An example using cercopithecine monkeys. *Biotropica* 41: 514-519.
- 2009 Pontzer H and **Kamilar JM**. Great ranging associated with greater reproductive investment in mammals. *Proceedings of the National Academy of Sciences USA* 106: 192-196.

- 2008 **Kamilar JM** and Pokempner AA.* Does body mass dimorphism increase male-female dietary niche separation? A comparative study of primates. *Behaviour* 145: 1211-1234.
- 2008 **Kamilar JM** and Paciulli LM. Examining the extinction risk of specialized folivores: A comparative study of colobine monkeys. *American Journal of Primatology* 70: 816-827.
- 2006 **Kamilar JM**. Geographic variation in savanna baboon (*Papio*) ecology and its taxonomic and evolutionary implications. In: *Primate Biogeography*, SM Lehman and JG Fleagle, eds. New York: Springer Press. pp. 169-200.
- 2006 Ossi KM* and **Kamilar JM**. Environmental and phylogenetic correlates of *Eulemur* behavior and ecology (Primates: Lemuridae). *Behavioral Ecology and Sociobiology* 61: 53-64.
- 2005 **Kamilar JM** and Roehrdanz N.* Old World monkeys. In: *Encyclopedia of Anthropology*, H.J. Birx, ed. Thousand Oaks: Sage Publications.

ADDITIONAL PUBLICATIONS

- In press Fleagle JG and **Kamilar JM**. Evolutionary Anthropology: Issues, News, and Reviews. *Encyclopedia of Global Archaeology*. Claire Smith, ed. New York: Springer.
- In press **Kamilar JM**. The evolution of Evolutionary Anthropology. *Evolutionary Anthropology*.
- 2010 **Kamilar JM**. Book review: The fruit, the tree, and the serpent: Why we see so well. By Lynne A. Isbell. *Quarterly Review of Biology* 85: 121.
- 2007 Fleagle JG and **Kamilar JM**. Primate diversity: Past, present and future. *Evolutionary Anthropology* 16: 83-85.
- 2006 **Kamilar JM**. Monkeys: Old and new. *Evolutionary Anthropology* 15: 121-122.
- 2006 **Kamilar JM**. and Muldoon KM. Physical anthropology in the Last Frontier. *Evolutionary Anthropology* 15: 125-126.
- 2006 **Kamilar JM** and Nash LT. Primates in the Great Northwest. *Evolutionary Anthropology* 15: 39.
- 2005 **Kamilar JM** and Coleman MN. Primate ecology and evolution at the American Association of Physical Anthropology meeting. *Evolutionary Anthropology* 14: 207-208.
- 2005 Young JW, Patel BA, **Kamilar JM**. New findings from integrative and comparative research. *Evolutionary Anthropology* 14: 88-89.

2004 **Kamilar J** and Heesy CP. Recent advances in primate ecology and evolution. *Evolutionary Anthropology* 13: 168-169.

INVITED PRESENTATIONS

- Oct 2017 *A hairy situation: Surprising stories of primate evolution.* OEB Science Café. Graduate Program in Organismic and Evolutionary Biology. University of Massachusetts Amherst.
- Mar 2017 *Climatic and anthropogenic effects on African mammal macroecology.* Department of Anatomical Sciences, Stony Brook University.
- Mar 2017 *Climatic and anthropogenic effects on African mammal macroecology.* Department of Evolutionary Anthropology, Duke University.
- Nov 2016 *The ecology and evolution of primate hair traits.* 4@4, College of Social and Behavioral Sciences, University of Massachusetts Amherst
- Oct 2016 *Climatic and anthropogenic effects on African mammal macroecology.* Graduate Program in Organismic and Evolutionary Biology Seminar Series, University of Massachusetts Amherst.
- Apr 2016 *The ecology and evolution of primate biodiversity.* BioTAP Seminar Series, Commonwealth Honors College, University of Massachusetts Amherst.
- Mar 2015 *Climatic and anthropogenic effects on African mammal macroecology.* Program in Spatial Biodiversity Science and Conservation, Yale University.
- Nov 2014 *Comparative approaches to understanding primate behavior, ecology, and evolution.* Department of Anthropology, University of Massachusetts Amherst.
- Jan 2014 *Comparative approaches to understanding the evolution of primate behavior and ecology.* School of Anthropology, University of Arizona.
- Feb 2013 *Comparative approaches to understanding primate behavior and ecology.* Department of Anthropology, East Carolina University.
- Feb 2013 *Ecology and evolution of primate hair coloration.* Department of Sociology, Anthropology, and Philosophy, Northern Kentucky University.
- Nov 2012 *The ecology and evolution of primate hair coloration.* Department of Anatomy, Arizona College of Osteopathic Medicine, Midwestern University.
- Apr 2011 *Comparative and molecular approaches to understanding primate diversity.* Department of Anthropology, Florida Atlantic University.
- Mar 2011 *Comparative and molecular approaches to understanding primate coloration.* Comparative Primatology Research Group, Department of Human Evolutionary Biology, Harvard University.
- Jul 2010 *Ecological and evolutionary perspectives on primate biodiversity.* Jetz Research

- Group, Department of Ecology and Evolutionary Biology, Yale University.
- Feb 2010 *Comparative approaches to understanding primate diversity*. School of Anthropology, University of Arizona.
- Feb 2010 *Comparative approaches to understanding primate diversity*. Department of Anthropology, Yale University.
- Feb 2009 *A comparative approach to understanding the behavioral and ecological diversity of primates*. Department of Anthropology, California State University, Los Angeles.
- Feb 2009 *Using GIS and phylogenetic analyses to examine macroecological patterns in primates*. Population Biology Seminar Series, Duke University.
- Jun 2008 *Anthropogenic impacts on current biodiversity loss*. Department of Biology, Kutztown University of Pennsylvania.
- Mar 2008 *Geographic variation in primate behavior and ecology: A comparative approach*. Department of Anthropology, CUNY Hunter College.
- Feb 2008 *Biogeographic variation in primate behavior and ecology*. Department of Anthropology, SUNY Buffalo State College.
- Feb 2007 *Geographic variation in primate ecology: A climatic and evolutionary perspective*. Evolution, Ecology, and Population Biology Group, Washington University, St. Louis.
- Dec 2005 *How do environmental and historical effects shape primate communities?* Max Planck Institute for Evolutionary Anthropology, Leipzig, Germany.
- Aug 2005 *Environmental and historical effects on the composition of anthropoid primate communities*. Primate Interest Group, University of California, Berkeley.

ORGANIZED SYMPOSIA

- Apr 2013 *Understanding Primate Communities Across Spatial, Temporal and Phylogenetic Scales*. Podium Session at the Annual Meeting of the American Association of Physical Anthropologists. Co-organized with Kaye Reed (Arizona State University) and Lydia Beaudrot (UC Davis).

SYMPOSIUM AND WORKSHOP PARTICIPATION

- May 2014 Instructor at *The AnthroTree Workshop*. A three-day course that provides hands-on experience to evolutionary anthropologists interested in learning phylogenetic comparative methods. Organized by Charles Nunn (Duke University) and funded by the National Science Foundation.
- May 2014 Participant at the *Comparative Primatology: Data Collection, Storage, and Analysis Workshop*. Department of Evolutionary Anthropology, Duke University. Organized by Charles Nunn (Duke University).

- Dec 2012 Invited speaker at the *Primate Society of Great Britain Meeting: Primate Biogeography*. Talk title: *The biogeography of primate communities: Ecological and evolutionary perspectives*. Organized by Sarah Elton (Durham University) and Helen Chatterjee (University College London).
- Dec 2011 Invited speaker at the *8th Göttinger Freilandtage: Behavioral Constraints and Flexibility*. Talk title: *Phylogenetic signal in primate behavior, ecology, and life history*. Organized by Peter Kappeler (Göttingen University and German Primate Center).
- Jun 2010 Instructor at *The AnthroTree Workshop*. A three-day course that provides hands-on experience to evolutionary anthropologists interested in learning phylogenetic comparative methods. Organized by Charles Nunn (Harvard University) and funded by the National Science Foundation.
- Apr 2010 Discussant at the *Lemur Senescence Symposium*. Department of Anthropology, Yale University. Organized by Richard Bribiescas (Yale University).
- 2009 - 2013 Member of the *Evolutionary Shifts in Vertebrate Visual Ecology and Visual System Morphology* working group. Funded by the National Evolutionary Synthesis Center (NESCent), Durham, North Carolina. Organized by Christopher Heesy, Margaret Hall (Midwestern University), and Andrew Iwaniuk (University of Lethbridge).

FIELD, MUSEUM, AND LABORATORY EXPERIENCE

- 2009 - I have experience with several molecular laboratory techniques including DNA/RNA extraction, cDNA synthesis, quantitative PCR, gel electrophoresis, and library preparation.
- 2005 - I have conducted research at the *American Museum of Natural History*, *Belgium's Royal Museum for Central Africa*, *Berkeley's Museum of Vertebrate Zoology*, *Field Museum of Natural History*, and *Yale University Peabody Museum of Natural History*.
- Feb - Jun 2002 *Phu Khieo Wildlife Sanctuary*, Thailand. I collected ecological and behavioral data on Phayre's langurs (*Trachypithecus phayrei*), initialized the habituation of rhesus macaques (*Macaca mulatta*), and collected primate and large mammal population density data. Directed by Andreas Koenig and Carola Borries.
- Feb - Jun 2001 *Mondika Research Station*, Central African Republic. I collected ecological and behavioral data on agile mangabeys (*Cercocebus agilis*), assisted in the study and habituation of western lowland gorillas (*Gorilla gorilla gorilla*), and participated in phenological surveys. Directed by Diane Doran.

TEACHING EXPERIENCE**Instructor of Record**

- 2017 Advanced Primate Ecology and Evolution (graduate seminar)
- 2017, 2018 Statistics in Anthropology Using R (undergraduate lecture and lab)
- 2016, 2017 Advanced Quantitative Methods in Anthropology (advanced undergraduate and graduate seminar)
- 2016 Human Origins and Variation (undergraduate lecture)
- 2015, 2016 Primate Behavior (undergraduate lecture)
- 2014 Quantitative Methods in Evolutionary Anthropology (graduate seminar)
- 2009, 2011 Introduction to Biological Anthropology (undergraduate lecture and lab)
- 2009 Introduction to Human Evolution (undergraduate lecture)
- 2008, 2009 Introduction to Anthropology (undergraduate lecture)
- 2007, 2008 Primate Community Ecology (advanced undergraduate and graduate seminar)
- 2007, 2008 Primate Conservation (advanced undergraduate and graduate seminar)
- 2006, 2007 Primate Biogeography (advanced undergraduate and graduate seminar)
- 2004, 2005 Primate Evolution (advanced undergraduate lecture and lab)

Teaching Assistant and Lab Instructor

- 2009 Introduction to Biological Anthropology (undergraduate lecture and lab)
- 2006, 2007 Introduction to Human Evolution (undergraduate lecture)
- 2005 Introduction to Physical Anthropology (undergraduate lecture and lab)
- 2002 Applied Anthropology (undergraduate lecture)

Guest Lectures

- 2013 *Phylogenetic Comparative Methods in Evolutionary Biology*. Course title: Macroevolution (graduate seminar)
- 2010 *Using Phylogenies in Biological Anthropology*. Course title: Primate Molecular Ecology and Evolution (advanced undergraduate seminar)
- 2010 *What is Evolution?* Course title: Primate Molecular Ecology and Evolution (advanced undergraduate seminar)
- 2009 *Genetics and Agriculture: Past and Present*. Course title: Molecular Anthropology (undergraduate lecture)

DOCTORAL DISSERTATION ADVISING AND COMMITTEE MEMBERSHIP

- 2017 - Advisor for Rachel Bell, Graduate Program in Organismic and Evolutionary Biology, University of Massachusetts Amherst
- 2017 - Advisor for Amanda Fuchs, Department of Anthropology, University of Massachusetts Amherst
- 2017 - Advisor for Anna Weyher, Department of Anthropology, University of Massachusetts Amherst
- 2016 - Advisor for Andrew Zamora, Department of Anthropology, University of Massachusetts Amherst.
- 2016 - Advisor for Andrew Best, Department of Anthropology, University of Massachusetts Amherst.
- 2017 - Committee member for Moira Concannon, Graduate Program in Organismic and Evolutionary Biology, University of Massachusetts Amherst.
- 2016 - 2017 Committee member for Andrew (Smith) Conith, Graduate Program in Organismic and Evolutionary Biology, University of Massachusetts Amherst. Advisor: Dr. Elizabeth Dumont. Dissertation Title: *The role of phenotypic integration in mammalian tooth function and jaw morphological diversity.*
- 2017 - Committee member for Abby Vander Linden, Graduate Program in Organismic and Evolutionary Biology, University of Massachusetts Amherst. Advisor: Dr. Elizabeth Dumont.
- 2017 - External committee member for Tanya Lama, Department of Environmental Conservation, University of Massachusetts Amherst. Advisors: Drs. Stephen DeStefano and John Organ.
- 2017 - External committee member for Victor Montalvo. Department of Environmental Conservation, University of Massachusetts Amherst. Advisor: Dr. Todd Fuller.
- 2016 - External committee member for Nereyda Falconi, Department of Environmental Conservation, University of Massachusetts Amherst. Advisor: Dr. John Organ.
- 2016 - External committee member for Amanda McGrosky, School of Human Evolution and Social Change, Arizona State University. Advisor: Dr. Gary Schwartz.
- 2016 - External committee member for Trisha Zintel, Molecular and Cellular Biology Program, University of Massachusetts Amherst. Advisor: Dr. Courtney Babbitt.
- 2010 - 2014 External committee member for Lydia Beaudrot, Department of Anthropology and Graduate Group in Ecology, University of California, Davis. Advisor: Dr. Andrew Marshall. Dissertation Title: *The relative role of niche differentiation in*

structuring tropical forest vertebrate communities across spatial scales.

MASTER'S THESIS ADVISING AND COMMITTEE MEMBERSHIP

- 2016 - 2017 External reader for Amanda Fuchs, Department of Anthropology, CUNY Hunter College. Advisor: Dr. Christopher Gilbert. Thesis Title: *Ecological niche modeling of the genus Papio.*
- 2014 - 2015 Committee member for Ellis Locke, School of Human Evolution and Social Change, Arizona State University. Advisor: Dr. Kaye Reed. Thesis Title: *Phylogenetic signal in climatic niche and climatic niche breadth of catarrhine primates.*

UNDERGRADUATE HONORS THESIS ADVISING AND COMMITTEE MEMBERSHIP

- 2017 - 2018 Co-Advisor for Eric Wuesthoff, Department of Environmental Conservation, University of Massachusetts Amherst. Thesis Title: *Mouse lemur habitat use in the Mahamavo forest along a dry forest – mangrove gradient.*
- 2016 Advisor for Maia Batista, Department of Anthropology, University of Massachusetts Amherst. Thesis Title: *Effects of anthropogenic and climatic variables on the distribution of bamboo lemurs.*

ADDITIONAL STUDENT RESEARCH MENTORSHIP

- 2017 Katherine Nehyba. *Anthropogenic and climatic influences on tree shrew distributions.* Yale University.
- 2016 Alexa Duchesneau. *Anthropogenic effects on orangutan distributions.* University of Massachusetts Amherst.
- 2016 Eric Griffith. *Cortisol levels and brain size in primates.* University of Massachusetts Amherst.
- 2015 Sandra Winters. *Primate camouflage as seen by felids, raptors, and conspecifics.* New York University.
- 2014 Ignacio Lazagabaster. *Understanding the evolution of mammal diets through stable isotope data.* Arizona State University.
- 2014 Ellis Locke. *Predictors of climatic niche flexibility in catarrhine primates.* Arizona State University.
- 2014 John Rowan. *Ecological specialization and lineage diversification in primates and other mammals.* Arizona State University.
- 2014 Irene Smail. *Interspecific competition among African primates and non-primate mammals.* Arizona State University.
- 2013 Lydia Beaudrot. *Understanding primate communities: Recent developments and future directions.* UC Davis.

- 2012 Timothy Webster. *Ultraviolet reflectance of mammal hair and its implications for avian visual predation*. Yale University.
- 2010 James Herrera. *Testing Bergmann's rule in Malagasy primates using GIS-based climate data*. Stony Brook University.
- 2009 Justin Ledogar. *Species co-occurrence patterns and dietary resource competition in primates*. Stony Brook University.
- 2008 Lisa Guidi. *The phylogenetic structure of primate communities: Variation within and across regions*. Washington University.
- 2008 Joseph Orkin. *Does sexual selection affect primate extinction risk?* Washington University.
- 2007 Joshua Marshack. *Examining across-community variation in chimpanzee culture: A quantitative approach*. Washington University.
- 2007 Anna Weyher. *The importance of integrating geographic data into models of baboon social organization variability*. Washington University.
- 2006 Mrinalini Watsa, Daniel Barks, and Kelly Gelpi. *Does the tropical conservatism hypothesis explain the latitudinal gradient of primate species richness?* Washington University.
- 2006 J. Shoshana Rosenberg. *Social behavior of gorillas at the St. Louis Zoo*. Washington University.
- 2005 Sara K. Martin. *The biogeography of Cercopithecini primates and its evolutionary implications*. Stony Brook University.
- 2004 Kerry M. Ossi. *Environmental and phylogenetic correlates of Eulemur behavior and ecology*. Stony Brook University.

PRESENTATIONS AT PROFESSIONAL CONFERENCES (*indicates student co-author)

- Submitted Best A*, **Kamilar JM**. Primate sweat gland evolution. American Journal of Physical Anthropology.
- Submitted Fuchs, AJ*, **Kamilar JM**. Derived codon substitution in the catechol-o-methyltransferase (COMT) gene may have implications for behavioral variation in hamadryas baboons (*P. hamadryas*). American Journal of Physical Anthropology.
- Submitted Spriggs AN*, Bradley BJ, **Kamilar JM**, Gordon AD. Environmental predictors of *Eulemur* pelage variation. American Journal of Physical Anthropology.
- Submitted Tapanes E*, Irwin MT, Spriggs AN*, **Kamilar JM**, Bradley BJ. Subtle sexual dichromatism and dimorphism detected in wild *Propithecus diadema*. American Journal of Physical Anthropology.

- Submitted Weyher A*, **Kamilar JM**. Dominance and migration in Kinda baboon males. *American Journal of Physical Anthropology*.
- Submitted Zamora AJ*, **Kamilar JM**. Climate change across African protected areas and its implications for primate biodiversity. *American Journal of Physical Anthropology*.
- Submitted Zintel TM*, Ely JJ, Raghanti MA, Hopkins WD, Hof PR, Sherwood CC, Bauernfeind AL, **Kamilar JM**, Babbitt CC. Gene expression in the primary visual cortex differs amongst phenotypically distinct primates. *American Journal of Physical Anthropology*.
- 2018 McGrosky A*, **Kamilar JM**, Tecot SR, Schwartz GT. Comparative aspects of mammalian pituitary gland anatomy and its usefulness for reconstructing life history. *Integrative and Comparative Biology*.
- 2017 Baden AL, Mancini AN*, Federman S*, **Kamilar JM**, Holmes SM*, Johnson SE, Louis, Jr. EE, Bradley BJ. Habitat degradation and proximity to villages explain genetic community structure in a critically endangered lemur species. *American Journal of Primatology*.
- 2017 Bradley BJ, **Kamilar JM**, Spriggs AN*, Wilhelm BC, Walsh S. Pigmentation in a comparative context: Factors shaping variation and convergence in primate pelage patterns. *American Journal of Physical Anthropology*.
- 2017 Conith AJ*, Crumpton N, **Kamilar JM**, Dumont ER. The role of phenotypic integration in the evolution of cranial morphological disparity in moles (Talpidae: Mammalia). *Integrative and Comparative Biology*.
- 2017 Fuchs AJ*, Gilbert CC, **Kamilar JM**. Ecological niche modeling of the genus *Papio*. *American Journal of Physical Anthropology*.
- 2017 Jacobs RL, Macfie TS*, **Kamilar JM**, Spriggs AN*, Baden AL, Morelli TL, Irwin TL, Lawler RR, Pastorini J, Mayor M, Sauther ML, Lei R, Culligan R, Hawkins MTR, Kappeler P, Wright PC, Louis Jr EE, Mundy NI, Bradley BJ. Variation in lemur color vision across species, populations and habitats: Implications for signal evolution. *American Journal of Physical Anthropology*.
- 2017 McGrosky A*, **Kamilar JM**, Tecot SR, Schwartz GT. A 'hypophysis' to test: the relationship between sella turcica morphology, pituitary gland size, and life history. *American Journal of Physical Anthropology*.
- 2017 Samonds KE, Godfrey LR, Baldwin J, Sutherland MR, **Kamilar J**, Allfisher K. 2017. Mid-Tertiary climate change, extinction and speciation in Madagascar, and their bearing on the evolution of Madagascar's lemurs. *Society of Vertebrate Paleontology*.
- 2017 Spriggs AN*, Bradley BJ, **Kamilar JM**, Gordon AD. Quantifying countershading in *Eulemur* using eigencoats. *American Journal of Physical Anthropology*.

- 2017 Van Horn A*, Spriggs AN*, Wilhelm B, **Kamilar JM**, Bradley BJ. Males in uniform: intra-individual pelage-color variation is associated with social style in male macaques. *American Journal of Physical Anthropology*.
- 2017 Vander Linden A*, Hedrick BP, **Kamilar JM**, Dumont ER. Three-dimensional morphology of the atlas vertebra in relation to body size and posture in primates, rodents, and relatives. *Integrative and Comparative Biology*.
- 2017 Weyher A, **Kamilar JM**. Dominance and migration in Kinda baboon (*Papio kindae*) males. German Primate Center Baboon Symposium.
- 2017 Weyher A, **Kamilar JM**. Dominance and migration in Kinda baboon (*Papio kindae*) males. Northeastern Evolutionary Primatology Conference.
- 2017 Wuesthoff E, Radespiel U, **Kamilar JM**, Rouse S, Ramanankirahina R, Rakotondravony R, Fuller T. Variation in body mass along a mangrove-dry forest habitat gradient in two species of mouse lemurs. Northeastern Evolutionary Primatology Conference.
- 2017 Zintel T, Bauernfeind AL, Sherwood CC, **Kamilar JM**, Babbitt CC. Gene expression in the primary visual cortex differs amongst phenotypically distinct primates. Northeastern Evolutionary Primatology Conference.
- 2016 Agostini G*, **Kamilar JM**. Phylogenetic signal in primate morphology. Northeastern Evolutionary Primatology Conference.
- 2016 Beaudrot L, **Kamilar JM**, Reed KE. African primate vulnerability to global change. *International Journal of Primatology*.
- 2016 Fuchs AJ*, Gilbert CC, **Kamilar JM**. Using ecological niche modeling to assess distribution and taxonomic diversity in the genus *Papio*. Northeastern Evolutionary Primatology Conference.
- 2016 Locke EM*, **Kamilar JM**. Predicting the climatic niche breadth of African catarrhines. *American Journal of Physical Anthropology*.
- 2016 Smail IE*, **Kamilar JM**. A primate and a bird, sitting in a tree, c-o-m-p-e-t-i-n-g: Co-occurrence patterns of primates and their potential dietary competitors. *American Journal of Physical Anthropology*.
- 2016 Spriggs AN*, Bradley BJ, **Kamilar JM**, Gordon AD. Quantifying countershading in *Eulemur* using eigencoats. Northeastern Evolutionary Primatology Conference.
- 2016 Spriggs AN*, Bradley BJ, Wilhelm B*, **Kamilar JM**. Revisiting carpal vibrissae: positive identification in adult *Tarsius spectrum* and the implications for taxonomy and phylogeny. *American Journal of Physical Anthropology*.
- 2015 **Kamilar JM** and Tecot SR. Does relative pituitary gland size predict mammal life history? *American Journal of Physical Anthropology* 156(S60): 183.

- 2015 Lazagabaster IA*, **Kamilar JM**, Reed KE, Rowan J*. Mode of evolution of craniodental traits in African artiodactyls. Society for Vertebrate Paleontology.
- 2015 Muldoon KM, **Kamilar JM**, Blanco MB, Godfrey LR. Biological and environmental determinants of extinction risk: a comparative study of lemurs and marsupials. *American Journal of Physical Anthropology* 156(S60): 232.
- 2015 Winters S*, **Kamilar JM**, Webster TH*, Bradley BJ, Higham JP. Primate camouflage in the eyes of felids, raptors, and conspecifics. Animal Behavior Society Annual Conference.
- 2014 Bradley BJ, Walsh S, Nishimura A*, **Kamilar JM**. The evolution of primate pelage: Morphological analyses of museum research skins. *American Journal of Physical Anthropology* 153(S58): 84.
- 2014 Higham JP, **Kamilar JM**, Webster TH*, Bradley BJ, Winters S*. Primate camouflage as seen by conspecifics and major predator types. *International Society for Behavioral Ecology*.
- 2014 **Kamilar JM** and Atkinson QD. Patterns of cultural nestedness in humans, chimpanzees, and orangutans. *American Journal of Physical Anthropology* 153(S58): 154-155.
- 2014 Reed KE, Rowan J*, **Kamilar JM**. African vegetation structure: Modern analogs and hominin habitat reconstructions. *American Journal of Physical Anthropology* 153(S58): 218.
- 2014 Winters S*, **Kamilar JM**, Webster TH*, Bradley BJ, Higham JP. Primate camouflage as seen by felids, raptors, and conspecifics. *American Journal of Physical Anthropology* 153(S58): 275-276.
- 2013 Beaudrot L*, **Kamilar JM**, Reed KE. Correlates of dispersal limitation in African mammal communities. *American Journal of Physical Anthropology* 150(S56): 76.
- 2013 Beaudrot L*, Reed KE, **Kamilar JM**. Latitudinal gradients in African mammal dispersal limitation. *Ecological Society of America*.
- 2013 Hall MI, **Kamilar JM**, Kirk EC. Activity pattern can only be predicted from eye morphology for anthropoid primates among mammals. *American Journal of Physical Anthropology* 150(S56): 141.
- 2013 Hall MI, Kirk EC, **Kamilar JM**, Carrano M, Iwaniuk AN. The relationship between scleral ring morphology and activity pattern in birds and dinosaurs. *Integrative and Comparative Biology* 53: 292.
- 2013 Heesy CP, Bradley BJ, **Kamilar JM**. Trichromacy and red-hued pelages evolved independently in primates. *American Journal of Physical Anthropology* 150(S56): 146.

- 2013 Heesy CP and **Kamilar JM**. Relative brain size decreases with limb loss in squamates. *Integrative and Comparative Biology* 53: E295.
- 2013 **Kamilar JM**, Beaudrot L*, Reed KE. Why study primate communities? The importance for anthropology and ecology, current knowledge, and future directions. *American Journal of Physical Anthropology* 150(S56): 162.
- 2013 Reed KE and **Kamilar JM**. Using mammals to understand dispersal patterns of hominins in the African Plio-Pleistocene. *PaleoAnthropology*.
- 2013 Reed KE, **Kamilar JM**, Beaudrot L.* African primate, carnivore and ungulate communities exhibit a proclivity toward random phylogenetic structure. *American Journal of Physical Anthropology* 150(S56): 230-231.
- 2012 **Kamilar JM**, McIntosh A*, Bradley BJ. Concurrent isolation and amplification of primate genomes, transcriptomes and microbiomes from small tissue (hair) samples. *American Journal of Physical Anthropology* 147(S54): 177.
- 2012 Tecot SR, Baden AL*, Romine N*, **Kamilar JM**. The evolution of allomaternal care in lemuriforms. *American Journal of Physical Anthropology* 147(S54): 283.
- 2011 **Kamilar JM** and Bradley BJ. Across-species variability in primate coat color supports Gloger's rule. *American Journal of Physical Anthropology* 144 (S52): 182.
- 2011 Wheeler BC, Bradley BJ, **Kamilar JM**. Snakes eyes? Predictors of orbital convergence in primates. 12th Conference of the Gesellschaft für Primatologie, Utrecht, Netherlands.
- 2010 **Kamilar JM** and Bradley BJ. Factors influencing countershading diversity in primate coat coloration. *American Journal of Physical Anthropology* 141 (S50): 138-139.
- 2009 Guidi LM* and **Kamilar JM**. The phylogenetic structure of primate communities: Variation within and across regions. *American Journal of Physical Anthropology* 138 (S48): 141-142.
- 2009 **Kamilar JM** and Marshack J.* Using macroecological methods to examine across-site variation in chimpanzee behavior. *American Journal of Physical Anthropology* 138 (S48): 161-162.
- 2009 Marshack J* and **Kamilar JM**. Testing multiple hypotheses explaining primate species richness. *American Journal of Physical Anthropology* 138 (S48): 184.
- 2009 Orkin JD* and **Kamilar JM**. Does sexual selection affect primate extinction risk? *American Journal of Physical Anthropology* 138 (S48): 203.
- 2009 Pontzer H and **Kamilar JM**. Greater ranging associated with great reproductive investment in mammals: A new perspective on foraging economics. *Integrative*

and Comparative Biology 49 (Suppl.1): 137.

- 2008 **Kamilar JM.** A museum informatics approach to examining primate pelage colour diversity: Preliminary results and future directions. *Primate Eye* 96: 390.
- 2008 **Kamilar JM, Lehman SL, Muldoon KM.** Niche diversity and evolution of Malagasy primates. *American Journal of Physical Anthropology* 135 (S46): 128.
- 2007 **Kamilar JM, Bynum N, Hemingway C.** Seasonal dietary variation and its implications for primate extinction risk. Ecological Society of America Annual Meeting.
- 2007 **Kamilar JM.** Predicting within-species variation in primate behavior and ecology: A quantitative approach using comparative methods. *American Journal of Physical Anthropology* 132 (S44): 139.
- 2007 Paciulli LM and **Kamilar JM.** Examining the diversity of colobine monkey folivory. *American Journal of Physical Anthropology* 132 (S44): 182-183.
- 2006 **Kamilar JM.** How do environmental and historical effects shape primate communities? *American Journal of Physical Anthropology* 129(S42): 111.
- 2006 **Kamilar JM, Franz T, Koenig A, Borries C.** How do ecological, demographic, and anthropogenic factors affect Hanuman langur (*Semnopithecus entellus*) social organization? *American Journal of Primatology* 68(S1): 32.
- 2006 Martin SK* and **Kamilar JM.** The biogeography of Cercopithecini primates and its evolutionary implications. *American Journal of Physical Anthropology* 129(S42): 126.
- 2006 Paciulli LM and **Kamilar JM.** Intrinsic and extrinsic factors predicting extinction risk at a fine taxonomic scale: The case of the colobine monkeys. *American Journal of Physical Anthropology* 129(S42): 143.
- 2005 **Kamilar JM.** Environmental and historical effects on primate community structure. *Primate Report* 72(1): 21.
- 2005 **Kamilar JM.** Broad scale determinants of anthropoid community structure in Asia. *American Journal of Primatology* 66(S1): 133-134.
- 2005 **Kamilar JM.** Factors influencing the biogeography of anthropoid primate community structure in Africa. *American Journal of Physical Anthropology* 126(S40): 126.
- 2005 **Kamilar JM.** and Patel BA.* Ecological and behavioral correlates of fore- and hind-limb lengths in primates. *Integrative and Comparative Biology* 45(6): 1151.
- 2005 **Kamilar JM** and Ossi KM.* Are the ecological traits of *Eulemur fulvus* populations determined by environmental characteristics or genetic relatedness? *American Journal of Primatology* 66(S1): 152-153.

- 2005 Ossi KM* and **Kamilar JM**. Correlates of ecological and behavioral diversity in *Eulemur*. *American Journal of Physical Anthropology* 126(S40): 162.
- 2004 **Kamilar J**. A quantitative analysis of the ecological niche space of savanna baboon populations and its taxonomic implications. *American Journal of Physical Anthropology* 123(S38): 122.
- 2004 **Kamilar J**. An ecological view of baboon (*Papio*) taxonomy with insights from forest guenons (*Cercopithecus* spp.). *American Journal of Primatology* 62(S1): 57.
- 2004 **Kamilar JM** and Ossi KM.* The importance of genetic and environmental factors in shaping the ecological characteristics of brown lemur subspecies (*Eulemur fulvus* spp.). *Integrative and Comparative Biology* 44(6): 710.
- 2003 **Kamilar J**. The relationship between sexual dimorphism and male-female dietary niche separation in haplorhine primates. *American Journal of Physical Anthropology* 120(S36): 126.
- 2003 **Kamilar J**. Factors affecting differential levels of extinction risk in colobine monkeys. *American Journal of Primatology* 60(S1): 138-139.
- 2003 **Kamilar J**. Differential levels of plasticity in cercopithecoid primates. *American Journal of Primatology* 60(S1): 44.

MEDIA COVERAGE

- Dec 2017 “Kamilar appointed Editor-in-Chief of Evolutionary Anthropology” - Inside UMass
<http://www.umass.edu/newsoffice/article/kamilar-appointed-editor-chief>
- Oct 2016 “Past climate linked to mammal communities today” - EurekAlert!
https://www.eurekalert.org/pub_releases/2016-10/asu-pcl100316.php
- Oct 2016 “Past climate, not current changes, key to some mammal communities” – ClimateWire
<http://www.eenews.net/climatewire/2016/10/05/stories/1060043850>
- Dec 2013 “Humans and chimps share cultural roots, study says” – Los Angeles Times
<http://www.latimes.com/science/sciencenow/la-the-original-culture-vulture-chimps-and-humans-share-behavior-roots-20131209,0,5582446.story>
- Dec 2013 “Researchers find that cultural evolution is similar for humans and chimpanzees” – Arizona State University News
<https://asunews.asu.edu/20131210-cultural-evolution>
- Dec 2013 “Kultur: Wissen verbreitet sich bei Schimpanse und Mensch gleich” (Culture: knowledge spreads equally in chimpanzees and humans) - Der Spiegel Online
<http://www.spiegel.de/wissenschaft/natur/kultur-wissen-verbreitet-sich-bei->

[schimpanse-und-mensch-gleich-a-938056.html](http://www.schimpanse-und-mensch-gleich-a-938056.html)

- Dec 2013 “Kultur gibt's auch im Affenreich” (Culture is also in the ape kingdom) – German Public Broadcasting WDR5 Leonardo
<http://www1.wdr.de/mediathek/audio/wdr5/wdr5-leonardo/audio-kultur-gibts-auch-im-affenreich---abgucken-und-nachmachen--100.html>
- Dec 2013 “Alle origini della capacità di evoluzione culturale” (The origins of the capacity of cultural evolution) - Scientific American Italian Edition
http://www.lescienze.it/news/2013/12/10/news/evoluzione_cultura_contagio_sociale_uomo_scimpanz_orango-1922868/
- Oct 2013 Quoted in “Afraid of snakes? Your pulvinar may be to blame” – by Carl Zimmer in the *New York Times*
<http://www.nytimes.com/2013/10/31/science/afraid-of-snakes-your-pulvinar-may-be-to-blame.html>
- Feb 2013 “The nocturnal mammalian eye” – Academic Minute on Northeast Public Radio
<http://www.wamc.org/post/dr-chris-kirk-university-texas-austin-nocturnal-mammalian-eye>
- Dec 2012 “Did trichromatic color vision and red hair color co-evolve in primates?” – Featured article on the American Society of Primatologists website
<http://www.asp.org/index.cfm>
- Oct 2012 “New study shows effects of prehistoric nocturnal life on mammalian vision” – Science Daily
<http://www.sciencedaily.com/releases/2012/10/121031161025.htm>
- Feb 2012 “The debate over dinosaur sight” – Smithsonian Magazine’s Dinosaur Tracking Blog
<http://blogs.smithsonianmag.com/dinosaur/2012/02/the-debate-over-dinosaur-sight/>
- Aug 2011 Quoted in “The cultured chimpanzees” – by Gayathri Vaidyanathan in *Nature*
<http://www.nature.com/news/2011/110817/full/476266a.html>
- Jun 2011 “Snake-spotting theory brings primate vision into focus” – *Smithsonian Magazine*, Surprising Science Blog
<http://blogs.smithsonianmag.com/science/2011/06/snake-spotting-theory-brings-primate-vision-into-focus/>
- Mar 2011 “Can you see the monkey up there” - Dr. Jerry Coyne’s (U. Chicago) blog associated with his book, *Why Evolution is True*
<http://whyevolutionistrue.wordpress.com/2011/03/12/can-you-see-that-monkey-up-there/>
- Dec 2008 “More walking leads to more offspring” - United Press International
http://www.upi.com/Science_News/2008/12/24/More-walking-leads-to-more-

offspring/UPI-86351230159944/

Dec 2008 “Increased daily travel in animals leads to more offspring” - Newswise
<http://www.newswise.com/articles/view/547711/>

PROFESSIONAL SERVICE

- 2017 - Editor-in-Chief, *Evolutionary Anthropology*
- Fall 2017 Panelist, National Science Foundation, Biological Anthropology Program
- Fall 2016 Panelist, National Science Foundation, Biological Anthropology Program
- Spring 2016 Panelist, National Science Foundation, Biological Anthropology Program
- 2015 - 2017 Associate Editor, *Journal of Human Evolution*
- 2013 - 2017 Academic Editor, *PLoS ONE*
- 2013 - 2014 Guest Editor, *International Journal of Primatology*
- 2011 Panel Member, Employment Roundtable at the American Association of Physical Anthropologists Meeting
- 2009 Session Chair, “Primatology. Communities, growing up, reproduction, life history and ecology”, American Association of Physical Anthropologists Meeting
- 2007 - 2015 Student Awards Committee, American Association of Physical Anthropologists
- 2005 - Manuscript reviewer for: *Acta Theriologica*, *Adaptive Behavior*, *African Primates*, *American Journal of Physical Anthropology*, *American Journal of Primatology*, *American Naturalist*, *Animal Behaviour*, *Animal Conservation*, *Behavioral Ecology*, *Behavioral Ecology and Sociobiology*, *Behaviour*, *Biological Conservation*, *Biological Journal of the Linnean Society*, *Biology Letters*, *Biotropica*, *Cambridge University Press*, *Ecography*, *Ecological Applications*, *Ecology and Evolution*, *Evolution*, *Evolution and Human Behavior*, *Evolutionary Anthropology*, *Folia Primatologica*, *Global Change Biology*, *Global Ecology and Biogeography*, *International Journal of Primatology*, *Journal of Animal Ecology*, *Journal of Biogeography*, *Journal of Human Evolution*, *Journal of Thermal Biology*, *Journal of Tropical Ecology*, *Journal of Zoology*, *Methods in Ecology and Evolution*, *Oecologia*, *Oikos*, *Oxford University Press*, *PLoS ONE*, *Primates*, *Proceedings of the Royal Society B*, *Springer’s Developments in Primatology Series*
- 2001 - Grant reviewer for: American Society of Primatologists’ Conservation Grant, Deutsche Forschungsgemeinschaft (German Research Foundation), Deutscher Akademischer Austauschdienst (German Academic Exchange Service), Leakey Foundation, Lincoln Park Zoo Africa/Asia Conservation Fund, National Environment Research Council (United Kingdom), National Geographic Society, National Research Foundation (South Africa), National Science Foundation

(USA), Natural Sciences and Engineering Research Council of Canada

2002 - 2008 Conservation Committee, American Society of Primatologists

UNIVERSITY SERVICE

2017 - 2018 Seminar Series Committee Member, Graduate Program in Organismic and Evolutionary Biology, University of Massachusetts Amherst

Fall 2017 Data Analytics Master's Degree Working Group, College of Social and Behavioral Sciences, University of Massachusetts Amherst

Fall 2016 Search Committee Member for Program Coordinator II, Interdepartmental Graduate Programs in the Life Sciences, University of Massachusetts Amherst

Summer 2016 Search Committee Member for Program Coordinator I, Interdepartmental Graduate Programs in the Life Sciences, University of Massachusetts Amherst

2015 - Curator of Primates, Natural History Collections, University of Massachusetts Amherst

2013 - 2015 Institutional Review Board Member, Midwestern University

DEPARTMENT SERVICE

2017 - 2018 Seminar Series Coordinator, Department of Anthropology, University of Massachusetts Amherst

2017 Search Committee Member for Chief Undergraduate Advisor, Department of Anthropology, University of Massachusetts Amherst

2016 - 2018 Curriculum Committee, Department of Anthropology, University of Massachusetts Amherst

2015 - 2016 Annual Faculty Review Subcommittee, Department of Anthropology, University of Massachusetts Amherst

PROFESSIONAL MEMBERSHIPS

American Association for the Advancement of Science

American Association of Physical Anthropologists (Lifetime member)

International Biogeography Society

Sigma Xi

Society for the Study of Evolution