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Research Interests: Disease Ecology, Conservation Biology, Global Health, Parasitology, Tropical Biology, Primate Behavioral Ecology.

Academic Positions

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| 2011 – Present | Associate Professor, Department of Environmental Sciences, Emory University, Atlanta, Georgia. |
| 2011 – Present | Associate Professor, Department of Environmental Health, Rollins School of Public Health, Emory University, Atlanta, Georgia. |
| 2008 – Present | Core Faculty, Program in Population Biology, Ecology, and Evolutionary Biology, Emory University, Atlanta, Georgia. |
| 2012 – Present | Affiliated Faculty, Department of Anthropology, Emory University, Atlanta, Georgia. |
| 2008 – 2011 | Assistant Professor, Departments of Environmental Studies and Environmental Health, Emory University, Atlanta, Georgia. |
| 2005 – 2008 | Director, Earth & Society Initiative on Disease Emergence & Ecosystem Health, University of Illinois, Urbana-Champaign. |
| 2005 – 2008 | Assistant Professor, Division of Epidemiology, Department of Pathobiology, University of Illinois, Urbana-Champaign. |
| 2005 – 2008 | Assistant Professor, Department of Anthropology, University of Illinois Urbana-Champaign. |
| 2005 – 2008 | Core Faculty, Program in Ecology & Evolutionary Biology, University of Illinois Urbana-Champaign. |
| 2005 – 2008 | Core Faculty, Center for African Studies, University of Illinois. |

Education

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| 2005 | Post-Doctoral Fellow , Pathobiology (Concentration: Epidemiology), University of Illinois, Urbana-Champaign. |
| 2004 | PhD , Zoology (Concentration: Disease Ecology), University of Florida, Gainesville. |
| 2000 | MSc , Zoology (Concentration: Behavioral Ecology), University of Florida, Gainesville. |
| 1996 | BSc , Ecology, Ethology, and Evolution, University of Illinois, Urbana-Champaign. |

Publications

*Gillespie is corresponding author

Journal Articles (Published and In Press)

68) *Zohdy S, Derfus K, Headrick EG, Andrianjafy MT, Wright PC, **Gillespie TR**. 2016. Small-scale land-use variability affects *Anopheles* spp. distribution and *Plasmodium* infection in humans and mosquito vectors in southeastern Madagascar. *Malaria Journal*. 15:114.

67) *Salzer JS, Pinto CM, Grippi DC, Williams-Newkirk AJ, Peterhans JK, Rwego IB, Carroll DS, **Gillespie TR**. 2016. Impact of anthropogenic disturbance on native and invasive trypanosomes of rodents in forested Uganda. *EcoHealth*. In Press.

66) *Terio KA, Lonsdorf EV, Kinsel MJ, Raphael J, Lipende I, Collins A, Li Y, Hahn BH, Travis DA, **Gillespie TR**. 2016. Oesohagostomiasis in non-human primates of Gombe National Park, Tanzania. *American Journal of Primatology*. In Press.

65) Lonsdorf EV, **Gillespie TR**, Wolf TM, Lipende I, Raphael J, Bakuza J, Murray CM, Wilson ML, Kamenya S, Mjungu D, Collins DA, Gilby IC, Stanton MA, Terio KA, Barbian HJ, Li Y, Ramirez M, Krupnick A, Seidl E, Goodall J, Hahn BH, Pusey AE, Travis DA. 2016. Socioecological Correlates of Clinical Signs in Two Communities of Wild Chimpanzees (*Pan troglodytes*) at Gombe National Park, Tanzania. *American Journal of Primatology*. In Press.

64) Wolf TM, Sreevatsan S, Singer RS, Lipende I, Collins A, **Gillespie TR**, Lonsdorf EV, Travis DT. 2016. Noninvasive tuberculosis screening in free-living primate populations in Gombe Stream National Park, Tanzania. *EcoHealth*. In Press.

63) Ito A, Eckardt W, Stoinski TS, **Gillespie TR**, Tokiwa T. 2016. *Prototapirella* ciliates (Entodiniomorphida) from wild habituated Virunga mountain gorillas (*Gorilla beringei beringei*) in Rwanda with the descriptions of two new species. *European Journal of Protistology*. In Press.

62) *Parsons MB, Travis D, Lonsdorf EV, Lipende I, Roellig DW, Collins A, Kamenya S, Zhang H, Xiao L, **Gillespie TR**. 2015. Epidemiology and Molecular Characterization of *Cryptosporidium* spp. in Humans, Wild Primates, and Domesticated Animals in the Greater Gombe Ecosystem, Tanzania. *PLoS Neglected Tropical Diseases*. 10(2):e0003529.

61) *Rimbach RD, Bisanzio D, Galvis N, Link A, Di Fiore A, **Gillespie TR**. 2015. Brown spider monkeys (*Ateles hybridus*) as a model for differentiating the role of social networks and physical contact on parasite transmission dynamics. *Philosophical Transactions of the Royal Society B: Biological Sciences*. 370:20140110.

60) *Salzer JS, Carroll D, Williams-Newkirk A, Lang S, Kerbis-Peterhans J, Rwego I, Ockers S, **Gillespie TR**. 2015. Effects of anthropogenic and demographic factors on patterns of parasitism in African small mammal communities. *Parasitology*. 142:512-522.

59) *Bublitz DC, Wright PC, Bodager JR, Rasambainarivo FT, **Gillespie TR**. 2015. Pathogenic Enterobacteria in Lemurs Associated with Anthropogenic Disturbance. *American Journal of Primatology*. 77:330-337.

58) *Bodager JR, Wright PC, Rasambainarivo FT, Parsons MB, Roellig D, Xiao L, **Gillespie TR**. 2015. Complex epidemiology and zoonotic potential for *Cryptosporidium suis* in rural Madagascar. *Veterinary Parasitology*. 207:140-143.

- 57) *Zohdy S, Derfus K, Andrianjafy MT, Wright PC, **Gillespie TR**. 2015. Field Evaluation of Synthetic Lure (3-methyl-1-butanol) When Compared to Non Odor-Baited Control in Capturing Anopheles Mosquitoes in Varying Land-Use Sites in Madagascar. *Parasites & Vectors*. 8:145.
- 56) *Zohdy S, Grossman MK, Fried IR, Rasambainarivo FT, Wright PC, **Gillespie TR**. 2015. Diversity and Prevalence of Diarrhea-Associated Viruses in the Lemur Community and Associated Human Population of Ranomafana National Park, Madagascar. *International Journal for Primatology*. 36:143–153.
- 55) Rist CL, Garchitorena A, Ngonghala CN, **Gillespie TR**, Bonds MH. 2015. The Burden of Livestock Parasites on the Poor. *Trends in Parasitology*. 31:527-530.
- 54) Nunn CL, Craft ME, **Gillespie TR**, Schaller M, Kappeler PM. 2015. Future research on the sociality-health-fitness nexus. *Philosophical Transactions of the Royal Society B: Biological Sciences*. 370:20140115.
- 53) Hoppe E, Pauly M, **Gillespie TR**, Akoua-Koffi C, Hohmann G, Fruth B, Karhemere S, Madinda NF, Mugisha L, Muyembe J, Todd A, Petrzekova KJ, Gray M, Robbins M, Bergl RA, Wittig RM, Zuberbühler K, Boesch C, Schubert G, Leendertz FH, Ehlers B, Calvignac-Spencer S. 2015. Multiple cross-species transmission events of human adenoviruses (HAdV) during hominine evolution. *Molecular Biology and Evolution*. 32:2072-84.
- 52) Rist CL, Ngonghala CN, Garchitorena A, Brook CE, Ramananjato R, Miller AC, Randrianarivojosia M, Wright PC, **Gillespie TR**, Bonds MH. 2015. Modeling the burden of poultry disease on the rural poor in Madagascar. *One Health*. 1:60-65.
- 51) Roellig DM, Salzer JS, Carroll DS, Ritter JM, Drew C, Gallardo-Romero N, Keckler MS, Langham G, Hutson CL, Karem KL, **Gillespie TR**, Visvesvara GS, Metcalfe MG, Damon IK, Xiao L. 2015. Identification of *Giardia duodenalis* and *Enterocytozoon bieneusi* in an epizootological investigation of a laboratory colony of prairie dogs, *Cynomys ludovicianus*. *Veterinary Parasitology*. 210:91-97.
- 50) Wren BT, **Gillespie TR**, Camp JW, Remis MJ. 2015. Helminths of Vervet Monkeys, *Chlorocebus aethiops*, from Loskop Dam Nature Reserve, South Africa. *Comparative Parasitology*. 82(1):101-108.
- 49) *Bublitz DC, Wright PC, Bodager JR, Rasambainarivo FT, Bliska JB, **Gillespie TR**. 2014. Epidemiology of Pathogenic Enterobacteria in Humans, Livestock, and Peridomestic Rodents in Rural Madagascar. *PLoS One*. 9(7): e101456.
- 48) *Parsons MB, **Gillespie TR**, Lonsdorf, E.V., Travis, D., Lipende, I., Gilagiza, B., Kamenya, S., Pintea, L., Vazquez-Prokopec, G.M. 2014. Global positioning system data-loggers: a tool to quantify fine-scale movement of domestic animals to evaluate potential for zoonotic transmission to an endangered wildlife population. *PLoS One*. 9(11): e110984.
- 47) Yildirim S, Yeoman CJ, Janga SC, Thomas SM, Ho M, Leigh SR, Primate Microbiome Consortium including **Gillespie TR**, et al. 2014. Primate vaginal microbiomes exhibit species specificity without universal *Lactobacillus* dominance. *ISME Journal*. 8:2431–2444.
- 46) Kallies R, Kopp A, Zirkel F, Estrada A, **Gillespie TR**, Drosten C, Junglen S. 2014. Genetic characterization of Goutanap virus, a novel virus related to Negevirus, Cileviruses and Higneviruses. *Viruses*. 6:4346–4357.

- 45) Lonsdorf E, Travis D, Ssuna R, Lantz E, Wilson M, Gamble K, Terio K, Leendertz F, Ehlers B, Keele B, Hahn B, **Gillespie TR**, Pond J, Raphael J, Collins A. 2014. Field immobilization for treatment of an unknown illness in a wild chimpanzee (*Pan troglodytes schweinfurthii*) at Gombe National Park, Tanzania: findings, challenges, and lessons learned. *Primates*. 55:89-99.
- 44) ***Gillespie TR**, Barelli C, Heistermann M. 2013. Do social status, parasitism, and stress have synergistic effects on white-handed gibbons (*Hylobates lar*) in Khao Yai National Park, Thailand? *American Journal of Physical Anthropology*. 150:602–608.
- 43) *Zommers Z, Macdonald DW, Johnson PJ, **Gillespie TR**. 2013. Impact of human activities on chimpanzee ground use and parasitism (*Pan troglodytes*). *Conservation Letters*. 6:264-273.
- 42) *West KA, Heymann EW, Mueller B, **Gillespie TR**. 2013. Patterns of Infection with *Cryptosporidium* sp. and *Giardia* sp. in Three Species of Free-Ranging Primates in the Peruvian Amazon. *International Journal of Primatology*. 34:939–945.
- 41) *Salzer JS, DS Carroll, IB Rwego, E Falendysz, JL Shisler, K Karem, IK Damon, **TR Gillespie**. 2013. Serologic Evidence for Multiple Genera of Poxviruses Circulating in the Peridomestic Rodent Population in Western Uganda. *Journal of Wildlife Disease*. 49:125-131.
- 40) Kopp A, **Gillespie TR**, Hobelsberger D, Estrada A, Harper JM, Miller RA, Eckerle I, Müller MA, Podsiadlowski L, Leendertz FH, Drosten C, Junglen S. 2013. Provenance and geographic spread of St. Louis encephalitis virus. *MBio*. 2013 Jun 11;4(3). doi:pii: e00322-13.
- 39) Marklewitz M, Zirkel F, Rwego IB, Heidemann H, Trippner P, Kurth A, Kallies R, Briese T, Lipkin WI, Drosten C, **Gillespie TR**, Junglen S. 2013. Discovery of a novel cluster of mosquito-associated bunyaviruses in sister relationship to the genus Orthobunyavirus. *Journal of Virology*. 87:12850-12865.
- 38) Rasambainarivo FT, **TR Gillespie**, Wright PC, Arsenault J, Villeneuve A, Lair S. 2013. Survey of *Giardia* and *Cryptosporidium* in lemurs from the Ranomafana National Park, Madagascar. *Journal of Wildlife Diseases*. 49(3):741-3.
- 37) Williams-Newkirk AJ, JS Salzer, DS Carroll, **TR Gillespie**, GA Dasch. 2013. Simple method for locating a suitable venipuncture site on the tail of the Virginia opossum (*Didelphis virginiana*). *European Journal of Wildlife Research*. DOI 10.1007/s10344-013-0706-y.
- 36) Schaumburg F, Mugisha L, Peck B, Becker K, **Gillespie TR**, Peters G, Leendertz FH. 2012. Drug-resistant human *Staphylococcus aureus* in sanctuary apes pose a threat to endangered wild ape populations. *American Journal of Primatology*. 74:1071-1075. (Journal Cover Story).
- 35) Salyer SJ, **Gillespie TR**, Rwego IB, Chapman CA, Goldberg TL 2012. Epidemiology and molecular ecology of *Cryptosporidium* spp. in people, primates, and livestock from western Uganda. *PLOS Neglected Tropical Diseases*. 6(4):e1597.
- 34) Calvignac-Spencer S, Leendertz SA, **Gillespie TR**, Leendertz FH. 2012. Wild great apes as sentinels and sources of infectious disease. *Clinical Microbiology and Infection*. 18(6):521-7.
- 33) *Kowalewski M, Salzer JS, Deutsch JC, Raño M, Kuhlenschmidt MS, **Gillespie TR**. 2011. Black and Gold Howler Monkeys (*Alouatta caraya*) as Sentinels of Ecosystem Health: Patterns of Zoonotic Protozoa Infection Relative to Degree of Human–Primate Contact. *American Journal of Primatology* (Special Issue: Primates in 21st Century Ecosystems: Does Primate Conservation Promote Ecosystem Conservation?) 73:75-83. (Journal Cover Story)

- 32) *Howells ME, J Pruetz , **TR Gillespie**. 2011. Patterns of gastro-intestinal commensals and parasites as an index of population and ecosystem health: the case of sympatric western chimpanzees (*Pan troglodytes verus*) and guinea baboons (*Papio hamadryas papio*) at Fongoli, Senegal. *American Journal of Primatology* 73:173-179.
- 31) De Angelo, **T.R. Gillespie**, P. Wright, A. Rakotonavalon. 2011. El impacto de los factores de estrés en tiempo real sobre la resiliencia en el largo plazo en ambientes de bosques lluviosos tropicales: conclusiones de un simposio. *Ecosistemas*, 20:138-139.
- 30) ***Gillespie TR**, Lonsdorf EV, Canfield EP, Meyer DJ, Nadler Y, Raphael J, Pusey AE, Pond J, Pauley J, Mlengeya T, Travis DA. 2010. Demographic and Ecological Effects on Patterns of Parasitism in Eastern Chimpanzees (*Pan troglodytes schweinfurthii*) in Gombe National Park, Tanzania. *American Journal of Physical Anthropology* 143:534-544.
- 29) Kaiser M, Löwa A, Ulrich M, Ellerbrok H, Goffe AS, Blasse A, Zommers Z, Couacy-Hymann E, Babweteera F, Metzger S, **Gillespie TR**, Leendertz FH. 2010. Wild chimpanzees are infected with 5 plasmodium species. *Emerging Infectious Diseases* 6:1956-1969.
- 28) Johnston A, **Gillespie TR**, Rwego IB, Tranby TL, Kent AD, Goldberg TL. 2010. Molecular epidemiology of cross-species *Giardia duodenalis* transmission in western Uganda. *PLOS Neglected Tropical Diseases* 4:e683.
- 27) ***Gillespie TR**, Morgan D, Deutsch JC, Kuhlenschmidt MS, Salzer JS, Cameron K, Reed P, Sanz C. 2009. A legacy of low impact logging does not elevate prevalence of potentially pathogenic protozoa in free-ranging chimpanzees and lowland gorillas in the Republic of Congo. *EcoHealth* 6:557-564.
- 26) Rwego IB, Isabirye-Basuta G, **Gillespie TR**, Goldberg TL. 2009. Bacterial exchange between Gorillas, Humans and Livestock in Bwindi. *Gorilla Journal* 38:16-18.
- 25) ***Gillespie TR**, Nunn CL, Leendertz FH. 2008. Integrative approaches to the study of primate infectious disease: implications for biodiversity conservation and global health. *Yearbook of Physical Anthropology* 51:53-69.
- 24) ***Gillespie TR**, Chapman CA. 2008. Forest fragmentation, the decline of an endangered primate, and changes in host-parasite interactions relative to an unfragmented forest. *American Journal of Primatology*. 70:222-230.
- 23) Goldberg TL, **Gillespie TR**, Rwego IB, Estoff EL, Chapman CA. 2008. Anthropogenic disturbance promotes bacterial transmission among primates, humans, and livestock across a fragmented forest landscape. *Emerging Infectious Diseases* 14:1375-1382.
- 22) Rwego IB, **Gillespie TR**, Isabirye-Basuta G, Goldberg TL. 2008. High rates of *Escherichia coli* transmission between livestock and humans in rural Uganda. *Journal of Clinical Microbiology* 46:3187-3191.
- 21) Rwego IB, Isabirye-Basuta G, **Gillespie TR**, Goldberg TL. 2008. Gastrointestinal bacterial transmission among humans, mountain gorillas, and domestic livestock in Bwindi Impenetrable National Park, Uganda. *Conservation Biology* 22:1600-1607.
- 20) Bezjian M, **Gillespie TR**, Chapman CA, Greiner EC. 2008. Gastrointestinal parasites of forest baboons, *Papio anubis*, in Kibale National Park, Uganda. *Journal of Wildlife Diseases* 44:878-887.

- 19) Hasegawa H, Greiner EC, **Gillespie TR**. 2008. Morphology of *Enterobius* (*Colobenterobius*) *Colobis Vuylsteke*, 1964 (Nematoda: Oxyuridae: Enterobiinae) collected from an ashy red colobus, *Procolobus rufomitratus tephrosceles* (Elliot, 1907) (Primates: Cercopithecidae: Colobinae) in Uganda. *Journal of Parasitology* 94:1082-1086.
- 18) *Salzer JS, Rwego IB, Goldberg TL, Kuhlenschmidt MS, and **Gillespie TR**. 2007. *Giardia* sp. and *Cryptosporidium* sp. infections in primates in fragmented and undisturbed forest in western Uganda. *Journal of Parasitology*. 93: 439-440.
- 17) Goldberg TL, **Gillespie TR**, Rwego IB, Wheeler E, Estoff EL, Chapman CA. 2007. Patterns of gastrointestinal bacterial exchange between chimpanzees and humans involved in research and tourism in western Uganda. *Biological Conservation*. 135: 527-533.
- 16) Chapman CA, Naughton-Treves L, Lawes MJ, Wasserman MD, **Gillespie TR**. 2007. The conservation value of forest fragments: explanations for population decline of the colobus of western Uganda. *International Journal of Primatology*. 28(3): 513-528.
- 15) ***Gillespie TR**, Chapman CA. 2006. Prediction of Parasite Infection Dynamics in Primate Metapopulations Based on Attributes of Forest Fragmentation. *Conservation Biology*. 20: 441-448.
- 14) ***Gillespie TR**. 2006. Non-invasive assessment of gastro-intestinal parasite infections in free-ranging primates. *International Journal of Primatology*. 27: 1129-1143.
- 13) Goldberg TL, **Gillespie TR**, Singer RS. 2006. Optimization of analytic parameters for inferring relationships among *Escherichia coli* isolates from repetitive-element PCR by maximizing correspondence with multilocus sequence typing data. *Applied and Environmental Microbiology*. 72 (9): 6049-6052.
- 12) Chapman CA, Wasserman MD, **Gillespie TR**, Speirs ML, Lawes MJ, Ziegler TE. 2006. Do nutrition, parasitism, and stress have synergistic effects on red colobus populations living in forest fragments? *American Journal of Physical Anthropology*. 131: 525-534.
- 11) Goldberg TL, **Gillespie TR**, Rwego IB, Kaganzi C. 2006. Killing of an owl (*Galucidium perlatum*) by a red colobus monkey (*Ptilocolobus tephrosceles*). *American Journal of Primatology*. 68: 1007-1011.
- 10) Chapman CA, **Gillespie TR**, Speirs M, Holland T, Austad K. 2006. Life on the edge: A comparison of primate gastrointestinal parasites from forest edge and interior groups. *American Journal of Primatology*. 68:397-409.
- 9) ***Gillespie TR**, Chapman CA, Greiner EC. 2005. Effects of logging on gastrointestinal parasite infections and infection risk in African primate populations. *Journal of Applied Ecology* 42:699-707.
- 8) ***Gillespie TR**, Greiner EC, Chapman CA. 2005. Gastrointestinal parasites of the colobus monkeys of Uganda. *Journal of Parasitology* 91:569-573.
- 7) Chapman CA, **Gillespie TR**, Goldberg TL. 2005. Primates and the ecology of their infectious diseases: how will anthropogenic change affect host-parasite interactions? *Evolutionary Anthropology* 14:134-144.
- 6) Chapman CA, **Gillespie TR**, Speirs M. 2005. Parasite prevalence and richness in sympatric colobines: effects of host density. *American Journal of Primatology* 67:259-266.

- 5) ***Gillespie TR**, Greiner EC, Chapman CA. 2004. Gastrointestinal parasites of the guenons of western Uganda. *Journal of Parasitology* 90: 1356-1360.
- 4) Chapman CA, Chapman LJ, **Gillespie TR**. 2002. Scale issues in the study of primate foraging: red colobus of Kibale National Park. *American Journal of Physical Anthropology* 117: 349-363.
- 3) ***Gillespie TR**, Chapman CA. 2001. Determinants of group size in the red colobus monkey (*Procolobus badius*): An evaluation of the generality of the ecological-constraints model. *Behavioral Ecology and Sociobiology* 50:329-338.
- 2) Chapman CA, Balcomb SR, **Gillespie TR**, Skorupa JP, Struhsaker TT. 2000. Long-term effects of logging on primates in Kibale National Park, Uganda: A 28 year comparison. *Conservation Biology* 14:207-217.
- 1) Hodges BL, Gagnon MJ, **Gillespie TR**, Breneisen JR, O'Leary DF, Hara S, Quock RM. 1994. Antagonism of nitrous oxide antinociception in the rat hot plate test by site-specific n- and e- opioid receptor blockade. *Journal of Pharmacology and Experimental Therapeutics* 269: 596-600.

Books

Gilardi KV, **Gillespie TR**, Leendertz FH, Macfie EJ, Travis DA, Whittier CA, Williamson EA. 2015. *Best Practice Guidelines for Health Monitoring and Disease Control in Great Ape Populations*. Gland, Switzerland: IUCN SSC Primate Specialist Group. 56pp.

Peer-Reviewed Contributions to Edited Volumes

- 9) Nunn C, **Gillespie TR**. In Press. Pathogens and Primate Conservation. In: *Primate Conservation*. Wich S. et al. (eds). Oxford University Press, Oxford, UK.
- 8) Martínez-Mota R, M Kowalewski, **TR Gillespie**. 2015. Ecological determinants of parasitism in howler monkeys. *Developments in Primatology*. In: *Howler Monkeys, Developments in Primatology: Progress and Prospects*. Kowalewski et al. (eds). Springer Press, New York.
- 7) **Gillespie, T.R.** 2012. Habitat Fragmentation and Species Barriers. In Lief Norrgren and Jeffrey M Levengood (Ed.), *Ecosystem Health and Sustainable Agriculture*. Baltic University Press, Upsala.
- 6) Leendertz FH, **Gillespie TR**, Cameron K, and Reed P. 2010. Pathogenic Threats to Gorilla Conservation. In Nellman C., I. Redmond, J. Refisch (eds.). *The Last Stand of the Gorilla: A Rapid Response Assessment*. United Nations Environment Program (UNEP), Nairobi.
- 5) Rwego IB, **Gillespie TR**, Goldberg TL. 2009. Pathogen Transmission between primates and humans. In Kalipeni, E. Kakoma, I. Sanogo, Y. O. Fawcett, K. and Warner, R. E. (Eds), *Turning Science into Action: Biodiversity Conservation and Natural Resources Management in Africa*. Trenton, NJ: Africa World Press.
- 4) Kowalewski M, **Gillespie TR**. 2008. Ecological & anthropogenic influences on patterns of parasitism in free-ranging primates: a meta-analysis of the genus *Alouatta*. P. Garber, A. Estrada, J.C. Bicca-Marques, E. Heymann, and K. Strier (eds.). *South American Primates: Testing New Theories in the Study of Primate Behavior, Ecology, and Conservation*. Springer Press.
- 3) Goldberg TL, **Gillespie TR**, Rwego IB. 2008. Health and disease in the people, primates, and domestic animals of Kibale National Park: Implications for conservation. R. Wrangham (ed.). *Kibale Forest: A Model For Exploring the Relationship Between Long Term Research and Conservation*. Cambridge University Press.

2) Chapman CA, Wasserman MD, **Gillespie TR**. 2006. Behavioural patterns of colobus in logged and unlogged forests: The conservation value of harvested forests. V. Reynolds, H. Notman, and N. Newton-Fisher (eds.). Primates of Uganda.

1) Chapman CA, Lawes MJ, Naughton-Treves L, **Gillespie TR**. 2003. Primate survival in community-owned forest fragments: Are metapopulation models useful amidst intensive use? In: L.K. Marsh (ed.) Primates in Fragments: Ecology and Conservation. Kluwer Academic/Plenum Publishers, New York.

Book Reviews

3) **Gillespie TR**. 2010. Beyond competition and predation: Infectious disease as a selective force in primate behavior, ecology, and evolution. [Review of the books "Infectious Diseases in Primates" and "Primate Parasite Ecology"]. *Evolutionary Anthropology* 19:79-80.

2) **Gillespie TR**. 2010. Primate Parasite Ecology: The Dynamics and Study of Host-Parasite Relationships [Review of the book "Primate Parasite Ecology"]. *American Journal of Human Biology* 22:425-426.

1) **Gillespie TR**. 2008. 98% Human, 91% Extinct. [Review of the book "The World Atlas of Great Apes and Their Conservation"]. *Conservation Biology* 22:224-225.

Other Publications

1) Leendertz FH, **Gillespie TR**. 2010. Origins and Persistence of Human Malaria: Context Matters. Comment in *PLOS Pathogens* regarding article, "On the Diversity of Malaria Parasites in African Apes and the Origin of Plasmodium falciparum from Bonobos."

www.plospathogens.org/annotation/listThread.action?inReplyTo=info%3AAdoi/10.1371/annotation/e6551e06-6a00-43cc-8de7-a746e2f98ff5&root=info%3AAdoi/10.1371/annotation/e6551e06-6a00-43cc-8de7-a746e2f98ff5

Grants and Fellowships

Gillespie is Principal Investigator unless otherwise noted

2016 – 2018 NIH Subcontract (Franklin and Marshall College), Examination of chimpanzee gastro-intestinal parasites: a component of the Gombe Ecosystem Health Project (\$44,012).

2009 – 2015 NIH ORISE Fellowships, Gillespie (Mentor), J. Salzer and A. Williams (Mentees) (\$375,000).

2012 – 2015 NIH K12 FIRST Fellowship, Gillespie (Mentor), S. Zohdy (Mentee) (\$132,000).

2014 – 2015 Gates Grand Challenges Subcontract (Harvard Medical School), The economic burden of disease: a combined metric of human and animal health in rural Madagascar (\$46,628).

2013 – 2015 NIH Subcontract (Franklin and Marshall College), Examination of chimpanzee gastro-intestinal parasites: a component of the Gombe Ecosystem Health Project (\$41,096).

2015 Emory Global Health Institute, Ecology of Infectious Diseases in Rwanda. (\$12,000).

2013 – 2014 NSF Dissertation Research Grant. Blood Meal Source as an Ecological Determinant

- of Bacterial Community Dynamics. Gillespie (Mentor), A. Williams-Newkirk (Mentee) (\$20,100).
- 2013 – 2015 Herrnstein Foundation, Habitat disturbance and the ecology of infectious diseases in Madagascar. (\$45,000).
- 2011 – 2013 Dian Fossey Fund International, Demographic and stress-associated affects on patterns of parasitism in the mountain gorillas of Karisoke, Rwanda (\$86,000).
- 2013 – 2014 Effects of habitat disturbance on the behavioral ecology, stress levels and parasitism in the Brown spider monkey (*Ateles hybridus*) in Colombia. Maggioncalda Foundation (\$10,000).
- 2013 Emory Global Health Institute, Ecology of Infectious Diseases in Madagascar. (\$12,000).
- 2013 Emory SURE, Health implications of ranging outside park boundaries in wild Virunga mountain gorillas. Gillespie (Mentor), D. Ryu (Mentee) (\$7,500).
- 2013 Emory SURE, Clinical Analysis of the Gastrointestinal Parasites and Bacteria from Gombe Chimpanzees and Correlation to Behavioral, Co-infection, and Stress Hormone Level Data. Gillespie (Mentor), P. Chitta (Mentee) (\$3,500).
- 2013 Emory Lester / SIRE, Factors Affecting Adenovirus Infection Dynamics in Wild Chimpanzees (*Pan troglodytes*) in Gombe National Park, Tanzania. Gillespie (Mentor), K. Cross (Mentee) (\$1,200).
- 2013 Emory Lester / SIRE, Effects of socio-ecological variability on patterns of gastrointestinal virus prevalence and diversity in the lemur community of Ranomafana National Park, Madagascar. Gillespie (Mentor), I. Fried (Mentee) (\$1,200).
- 2012 Emory IRES, Effects of Diet on Patterns of Parasitism in Lemurs in Ranomafana National Park, Madagascar. Gillespie (Mentor), I. Fried (Mentee) (\$4,500).
- 2012 Emory IRES, Covariates to Morbidity and Mortality Associated with *Streptococcus pneumoniae* Infection in Chimpanzees. Gillespie (Mentor), K. Cross (Mentee) (\$4,500).
- 2012 Emory Lester / SIRE, Gastrointestinal Parasites of Chimpanzees in the Rapidly Disappearing Gishwati Forest, Rwanda. Gillespie (Mentor), M. Jones (Mentee) (\$1,200).
- 2010 – 2012 Lincoln Park Zoo, Examination of chimpanzee gastro-intestinal parasites: component of the Gombe Ecosystem Health Project (\$41,085).
- 2009 – 2011 Morris Animal Foundation, Epidemiology of a newly recognized threat to chimpanzee health and conservation in Gombe National Park, Tanzania (\$122,540).
- 2008 – 2011 Emory / CDC Global Health Institute, Faculty of Distinction Grant (\$75,000).
- 2010 – 2011 University of Texas, Health Assessment of the Critically Endangered Sanje Mangabeys (\$12,000).

- 2011 Morris Animal Foundation, Epidemiology and Ecology of Enteric Pathogens of Lemurs in and around Ranomafana National Park, Madagascar. Gillespie (Mentor), J. Bodager (Mentee) (\$4,000).
- 2011 Emory SURE, Prevalence of *Wolbachia* in the tick *Amblyomma americanum* from Central Georgia. Gillespie (Mentor), I Fried (Mentee) (\$7500).
- 2011 Emory College, Undergraduate Research Matching Grant (\$1,250).
- 2011 Emory SIRE / Lester, Parasitic Threats to the Critically Endangered Black Rhinoceros in Addo Elephant National Park, South Africa. Gillespie (Mentor), J. Aronoff (Mentee) (\$1,200).
- 2011 Emory SIRE / Lester, Patterns of Infection with *Cryptosporidium* and *Giardia* in Multiple Species of Free-Ranging Primates in the Peruvian Amazon. Gillespie (Mentor), K. West (Mentee) (\$1,200).
- 2009 – 2010 Lincoln Park Zoo, Examination of gastrointestinal parasites in the chimpanzees of Gombe National Park, Tanzania (\$15,030).
- 2008 – 2010 Morris Animal Foundation, Eco-epidemiology of infectious disease transmission in wild primates, renewal, Gillespie Co-PI with T. Goldberg (\$137,700).
- 2010 German Primate Center, Patterns of Parasitism in the Gibbons of Thailand (\$7,000).
- 2010 Morris Animal Foundation, Epidemiology and Ecology of Enteric Pathogens of Wild Chimpanzees in and Around Gombe Stream National Park, Tanzania. Gillespie (Mentor), M. Parsons (Mentee) (\$4,000).
- 2010 Morris Animal Foundation, Parasitic Threats to the Mountain Gorillas. Gillespie (Mentor), R. Mbabazi (Mentee) (\$4,000).
- 2010 Emory College Lester / SIRE Award, Howler Monkeys as Sentinels of Human Disease: Prevalence of Rickettsial Diseases in the Ectoparasites of the Genus *Alouatta*. Gillespie (Mentor), J. Bodager (Mentee) (\$2,500).
- 2008 – 2009 National Geographic Society, Regional scale effects of logging on infection dynamics in African apes (\$19,500).
- 2009 Oxford University, UK, Patterns of Parasitism in the Chimpanzees of Budongo Forest, Uganda (\$3,150).
- 2009 Emory / CDC Global Health Institute, Assessment of rodent-borne zoonotic disease risk in rural Uganda (\$9,000).
- 2009 Emory College, Undergraduate Research Matching Grant (\$1,250).
- 2009 Emory ICIS International Travel Grant, Society for Conservation Biology Annual Meeting, Beijing, China (\$1,500).
- 2007 – 2008 Lincoln Park Zoo, Parasitism as a component of an integrated health assessment of chimpanzees at Gombe National Park, Tanzania (\$17,900).

- 2008 Hewlett International Travel Grant, Eco-Epidemiology of Monkeypox. (\$2,000).
- 2008 Iowa State University. Patterns of parasitism in the chimpanzees of Fongoli, Senegal. (\$2,700).
- 2008 National Geographic Society, Behavioral Correlates to Human Helminth Infection in Rural Sub-Saharan Africa. Gillespie (Mentor), D. Meyer (Mentee), (\$5,000).
- 2008 Andrew Mellon Foundation, Self-Medication by Red Colobus Monkeys. Gillespie (Mentor), N. Prior (Mentee), (\$4,500).
- 2008 Integrative Biology Research Grant, Behavioral Correlates to Human Helminth Infection in Rural Sub-Saharan Africa. Gillespie (Mentor), D. Meyer (Mentee), (\$2,000).
- 2008 Integrative Biology Research Grant, Self-Medication by Red Colobus Monkeys. Gillespie (Mentor), N. Prior (Mentee), (\$2,000).
- 2008 Center for Zoonoses Research via NIH Grant T35 2006NIH. Pathology of Monkeypox in Potential Reservoirs. Gillespie (Mentor), E. Falendyz (Mentee) (\$5,100).
- 2008 Morris Animal Foundation, Risk Assessment of Human Monkeypox in Uganda. Gillespie (Mentor), M. Madonia (Mentee) (\$4,800)
- 2005 – 2007 Morris Animal Foundation, Anthropogenic Disturbance and Primate-Pathogen Transmission, Gillespie Co-PI with T. Goldberg (PI) (\$135,000).
- 2007 Morris Animal Foundation, Effects of forest fragmentation on *Giardia* sp. and *Cryptosporidium* sp. infections in primates, Gillespie (Co-Mentor), A. Lo (Mentee), (\$4,500).
- 2007 Center for Zoonoses Research via NIH Grant T35 2006NIH. Eco-Epidemiology of Monkeypox. Gillespie (Mentor), A. Czekala (Mentee) (\$4,500).
- 2007 Center for Zoonoses Research via NIH Grant T35 2006NIH. Eco-Epidemiology of Monkeypox. Gillespie (Mentor), E. Falendyz (Mentee) (\$4,500).
- 2007 Center for Zoonoses Research via NIH Grant T35 2006NIH. Effects of Anthropogenic Disturbance on Patterns of Parasitism in Free-Ranging Primates. Gillespie (Mentor), M. Low (Mentee) (\$4,500).
- 2006 Environmental Council, University of Illinois, Initiative in Disease Emergence and Ecosystem Health (\$25,000).
- 2006 Geraldine R. Dodge Foundation, Transmission and Prevalence of *Shigella* spp. & *Salmonella* spp. Between Primates and Livestock, Gillespie Co-PI with M. Lee (PI) (\$7,000).
- 2005 Environmental Council, University of Illinois, Initiative in Disease Emergence and Ecosystem Health (\$50,000).
- 2005 Wildlife Conservation Society, Ecology of Disease Transmission: Implications

- for Primate Conservation in Uganda, Gillespie Co-PI with I. Rwego (PI) (\$20,310).
- 2005 European Union Center, University of Illinois (\$1,500).
- 2001 – 2004 Environmental Protection Agency (EPA), Science to Achieve Results [EPA STAR] Dissertation Fellowship (\$96,000).
- 2004 International Curriculum Grant, University of Florida (\$5,000).
- 2004 Society for Conservation Biology Travel Grant (\$300).
- 2001 David Niddrie Research Grant, Center for African Studies, U. of Florida (\$1,000).
- 1997 – 2000 U. of Florida College of Liberal Arts & Sciences Fellowship (\$18,000).
- 2000 Ford Foundation, African Conservation Program (\$3,000).
- 1999 NASA, Division of Earth Sciences Conservation Grant (\$500).
- 1998 Sigma Xi Research Grant (\$750).
- 1997 – 2004 Travel awards, University of Florida (6, total \$2,450).
- 1996 Earth Foundation, Environmental Education for Amazonian Peru (\$2,500).
- 1992 Illinois State Senate General Assembly Merit Scholarship (\$5,500).
- 1992 Northern Illinois Academic-Industrial Consortium Fellowship (\$5,000).

Appointments and Honors

- 2014 – Present Board of Directors, PIVOT (www.pivotworks.org), Other members of this 12-member board include Paul Farmer, Edward Norton, Michael Rich, and Patricia Wright.
- 2013 – Present Primate Specialist Group, Species Survival Commission of the International Union for the Conservation of Nature (IUCN).
- 2010 – Present Advisory Board, Centre Val Bio, Madagascar (http://icte.bio.sunysb.edu/index_files/ictcvb.htm). Other members of this 10-member board include Drs. Thomas Lovejoy and Stuart Pimm.
- 2009 – Present Guest Researcher, Center for Disease Control and Prevention (CDC).
- 2009 – Present Honorary Lecturer, Faculty of Veterinary Medicine, Makerere University, Kampala, Uganda.
- 2006 – Present United Nations Environment Programme (UNEP) Working Group on Best Practices for Ape Health and Conservation.
- 2004 – Present International Union for the Conservation of Nature (IUCN) Veterinary Specialist Group Great Ape Health Monitoring Unit (GAHMU).

2007 – 2013 Graduate Faculty, Purdue University, West Lafayette, Indiana.

2008 – 2012 National Academy of Science / UNESCO DIVERSITAS ecoHEALTH Working Group.

2008 – 2011 Scientific Advisory Board, Morris Animal Foundation (<http://www.morrisanimalfoundation.org/>), the world's leading funder of wildlife health research. Other members of this 8-member board include Drs. George Amato, Janine Brown, and Tonie Rocke

2010 2009-2010 Graduate Student Invited Speaker, Duke University Program in Ecology.

2009 Named US Environmental Protection Agency Distinguished STAR Fellow.

2009 Selected as 3rd Annual Darwin Keynote Speaker, Indiana State University, Department of Biology (Declined Invitation).

2009 American Society of Parasitologists Graduate Student-Invited Speaker, American Society of Parasitologists' Annual Meeting, Knoxville, Tennessee (Declined Invitation).

2008 American Society of Parasitologists Graduate Student-Invited Speaker, American Society of Parasitologists' Annual Meeting, Merida, Mexico.

2008 Selected as Keynote Speaker for the Annual Meeting of the Mexican Society of Primatologists, Veracruz, Mexico (Declined Invitation).

2002 Project Manager, University of Oregon Primate Ecology and Conservation Research Program, Kibale National Park, Uganda.

2004 Student Paper Competition Finalist, Society for Conservation Biology 18th Annual Meeting, Columbia University, New York.

2001-2004 Environmental Protection Agency (EPA), Science to Achieve Results [EPA STAR] Dissertation Fellow.

2000- 2004 Biological Consultant, British Broadcasting Corporation Natural History Unit (Contributed to Life of Mammals and Wild Africa Series).

2001 – 2004 National Steering Committee, Human Rights and Environment Program, Amnesty International.

2001 Selected as Fulbright Graduate Fellow (Declined Funding).

1997-2000 University of Florida College of Liberal Arts & Sciences Fellow.

1998 & 1999 National Science Foundation Graduate Fellowship, Honorable Mention.

1999 Student Paper Competition Honorable Mention, Society for Conservation Biology 13th Annual Meeting, University of Maryland.

1996 – 1997 Project Manager, Environmental Education Program of Amazonian Peru

(Worked with students from Universidad Nacional de la Amazonia Peruana to develop and establish a semi-autonomous environmental education program for school system of Iquitos, Peru).

- 1994 – 1996 Co-Coordinator, University of Illinois Environmental Education Program (Provided more than 50 presentations at Illinois schools [grades 2-12] on geography, ecology, biodiversity, conservation, and sustainable use of tropical rainforests and trained 16 new presenters).
- 1994 Staff archaeologist, Public Service Archaeology Project, Sites throughout Illinois, Missouri, and Iowa (I, II, and III phase field archaeology and lab analysis conducted).
- 1992 Northern Illinois Academic-Industrial Consortium Fellow.
- 1992 Illinois State Senate General Assembly Merit Scholar.

Professional Presentations

Invited Addresses

- 2016 July Crop-Raiding and the Potential for Pathogen Exchange Among Wild Primates, People, and Domesticated Animals at the Forest-Agricultural Ecotone. Invited Symposium on Resource Provisioning and Wildlife-Pathogen Interactions in Human-Altered Landscapes. 101st Annual Meeting of the Ecological Society of America, Fort Lauderdale, USA.
- 2016 June Effective Integration of Human Healthcare and Ecosystem Conservation for the Greater Ranomafana Ecosystem, Madagascar. Invited Symposium on Integrating Human Needs with Ecosystem Conservation in Madagascar. 53rd Annual Meeting of the Association for Tropical Biology and Conservation, Montpellier, France.
- 2016 March Zoonotic Transmission of Parasitic and Bacterial Enterics at the Human-Livestock-Wildlife Interface. Faculty of Veterinary Medicine, Universidad Nacional del Nordeste: Corrientes, Argentina.
- 2015 Nov Keynote Speaker, Understanding the Ecology of Primate Infectious Diseases to Promote Biodiversity Conservation and Global Health, 2nd International Conference on One Health: Kampala, Uganda.
- 2015 Nov Keynote Speaker, Ecological and anthropogenic drivers of zoonotic disease transmission in primates. 28th Annual Meeting of the Argentine Society of Mammologists, Santa Fe, Argentina.
- 2015 Nov Zoonotic Transmission of Parasitic and Bacterial Enterics at the Human-Livestock-Wildlife Interface in the Greater Gombe Ecosystem, Tanzania. Invited Symposium on Disease Ecology of Forest Mammals. 28th Annual Meeting of the Argentine Society of Mammologists, Santa Fe, Argentina.
- 2015 Oct Keynote Speaker, One Health: Integrating Human, Animal and Environmental Health, World Health Summit: Berlin, Germany.
- 2015 Aug Global positioning system data-loggers: a tool to quantify fine-scale movement of domestic animals to evaluate potential for zoonotic transmission to an endangered wildlife population. Invited Symposium on New Technologies for Conservation.

27th International Congress for Conservation Biology, Montpellier, France.

- 2015 May Keynote Speaker, Zoonotic transmission of parasitic and bacterial enterics at the human-livestock-wildlife interface. 13th Annual Conference on Ecology and Evolution of Infectious Diseases. Athens, Georgia.
- 2015 March The Interface of Disease Ecology and Tibetan Medicine. Men-Tsee-Kang Medical School, Dharamsala, India.
- 2014 Sept Featured Speaker, Integrated Chimpanzee (*Pan troglodytes*) and Ecosystem Health in the Greater Gombe Ecosystem, Tanzania. 37th Annual Meeting of the American Society of Primatologists. Decatur, Georgia.
- 2014 Sept Featured Speaker, The Ecology of Infection: Zoonotic Transmission at the Human-Livestock-Wildlife Interface. Antigone One Health Workshop, Bonn, Germany.
- 2014 July The Ecology of Infection: Zoonotic Exchange Among People, Primates, and Livestock School of Veterinary Science, University of Queensland, Brisbane, Australia.
- 2014 June Keynote Speaker: Ecological and Anthropogenic Drivers of Zoonotic Disease Transmission in Primates. International Congress on Primate Disease. Czech Academy of Science. Brno, Czech Republic.
- 2014 June Epidemiology of Pathogenic Enterobacteria in Humans, Livestock, and Peridomestic Rodents in Rural Madagascar. Pasteur Institute, Antananarivo, Madagascar.
- 2013 Dec Keynote Speaker: Ecological and Social Drivers of Zoonotic Disease Transmission and Emergence. IX Göttinger Freilandtage: The Sociality-Health-Fitness Link. Max Planck Institute, Göttingen, Germany.
- 2013 Sept Health and the Future of the Gombe Chimpanzees: Eco-Epidemiology of Zoonotic Disease. Department of Evolutionary Anthropology, Duke University.
- 2013 Sept Presidential Seminar Series: Understanding the Ecology of Primate Infectious Diseases to Promote Biodiversity Conservation and Global Health, Northern Illinois University, Dekalb, Illinois.
- 2013 May Eco-Epidemiology of Zoonotic Diarrheal Disease in the Greater Ranomafana Ecosystem, Madagascar. Institute Pasteur – Centre Valbio Joint Workshop on Infectious Disease in Madagascar, Centre Valbio, Madagascar.
- 2013 April Eco-Epidemiology of Zoonotic Diarrheal Disease in the Greater Ranomafana Ecosystem, Madagascar. Stony Brook University, New York.
- 2013 Feb Health and the Future of the Gombe Chimpanzees. Gombe Summit, Duke University, Durham, North Carolina.
- 2012 Dec Disease Ecology of Zoonotic Diarrheal Disease in the Greater Ranomafana Ecosystem, Madagascar. Centre Valbio Board Meeting, New York City.
- 2012 Nov Keynote Speaker, The Ecology of Infection: Zoonotic Exchange Among People, Primates, and Livestock. XVII Chilean Congress of Veterinary Medicine. Vladivostok, Russia.

Chile.

- 2012 Nov Eco-Epidemiology of *Cryptosporidium* Transmission in Relation to Chimpanzee Health in the Greater Gombe Ecosystem, Tanzania. University of Minnesota, Minneapolis-St. Paul.
- 2012 Nov Risks of Zoonotic Transmission Among Mountain Gorillas, Livestock, and People in Relation to Karisoke, Rwanda. Dian Fossey Fund International, Atlanta.
- 2012 Sept Eco-Epidemiology of Zoonotic Diarrheal Disease in the Greater Ranomafana Ecosystem, Madagascar. Harvard University School of Medicine, Cambridge.
- 2012 Aug If You're Comfortable, You're Not Doing Conservation, Special Session in honor of the International Society of Primatology Lifetime Achievement Award for John Oates. International Primatological Society 24th Congress, Cancun, Mexico.
- 2012 July The Ecology of Infection: Zoonotic Exchange Among People, Primates, and Livestock. Institute of Virology, School of Medicine, University of Bonn, Bonn, Germany.
- 2012 April Disease Ecology of the Greater Ranomafana Ecosystem, Madagascar. University of Antananarivo, Antananarivo, Madagascar.
- 2012 April Disease Ecology of the Greater Ranomafana Ecosystem, Madagascar. University of Mahajanga, Mahajanga, Madagascar.
- 2012 Feb The Ecology of Infection: Zoonotic Exchange Among People, Primates, and Livestock. PBEE Seminar Series, Emory University, Atlanta.
- 2011 Sept The Ecology of Infection: Zoonotic Exchange Among People, Primates, and Livestock. Warnell School of Forestry and Natural Resources, University of Georgia, Athens.
- 2011 Sept Effects of Logging on Tropical Biodiversity. Department of Earth and Atmospheric Science, Georgia Tech University, Atlanta.
- 2011 June The epidemiology of *Cryptosporidium* sp. in the Gombe Stream Ecosystem, Tanzania. Special Session on Impact of real-time stressors on long-term resilience of tropical rainforests. 48th Annual Meeting of the Association for Tropical Biology and Conservation. Arusha, Tanzania (Symposium Co-Organizer and Chair).
- 2011 Feb The ecology of infection: zoonotic exchange among people, primates, and livestock. Program in Population Biology, Ecology and Evolution, Emory University, Atlanta.
- 2010 Oct The ecology of infection: zoonotic exchange among people, primates, and livestock. Joint invitation of Universidad del Rosario and Universidad Nacional de Colombia, Bogotá Colombia.
- 2010 Sept Parasitic threats to the great apes, Special Session on Great Ape Health sponsored by the International Union for the Conservation of Nature, International Primatological Society 23rd Congress Kyoto, Japan (Symposium Organizer and Chair).
- 2010 Sept The ecology of infection: zoonotic exchange among people, primates, and livestock.

Department of Environmental Studies, Emory University, Atlanta.

- 2010 July Contrasting effects of a legacy of logging and active logging on patterns of parasitism in African ape populations. Food Security, Health, and the Environment Session sponsored by the International Development Research Centre. 47th Annual Meeting of the Association for Tropical Biology and Conservation. Bali, Indonesia.
- 2010 June The social context of interspecific primate pathogen exchange: implications for primate conservation and global health. Meeting-Wide Interdisciplinary Symposium (*no competing sessions*). 33rd Annual Meeting of the American Society of Primatologists, Louisville.
- 2010 May Wildlife Parasitology Workshop for Ugandan veterinarians and graduate students, Makerere University, Kampala, Uganda.
- 2010 April The ecology of infection: zoonotic exchange among people, primates, and livestock. 2009-10 Graduate Student-Invited Speaker, Ecology Program, Duke University, Durham.
- 2010 April Infectious diseases: the evolutionary impact on african primates and hominids, Turkana Basin Institute (Directed by Richard Leakey), Stony Brook University, New York.
- 2010 April Wildlife Disease Workshop for Tanzanian veterinarians and wildlife managers sponsored by US Fish and Wildlife. Co-taught with Andy Dobson (Princeton) and Dominic Travis (U of Minnesota). Lincoln Park Zoo, Chicago.
- 2010 Feb Diseases and Parasites of Wild Primates, European Union Primate Biology Workshop. Göttingen, Germany. Lecture available at: <http://www.euprim-net.eu/network/courses/course9.htm>.
- 2009 Sept Ethical Considerations for field-based investigations of primate disease. 32nd Annual Meeting of the American Society of Primatologists, San Diego.
- 2009 Aug Transmission of human parasites to wild great apes through environmental contamination. Great Ape Health Workshop, Entebbe, Uganda.
- 2009 April Primates at the nexus of biodiversity conservation and global health. Odum School of Ecology, University of Georgia, Athens.
- 2009 Jan Primates at the nexus of biodiversity conservation and global health. Robert Koch Institute, Berlin, Germany.
- 2008 Oct Eco-Epidemiology of Poxviruses in Uganda. Environmental and Occupational Health, Rollins School of Public Health, Emory University.
- 2008 Oct Primates at the Nexus of Biodiversity Conservation and Global Health. Anthropology, Emory University.
- 2008 Sept Primates at the Nexus of Biodiversity Conservation and Global Health. Population Biology, Ecology, and Evolution, Emory University.
- 2008 Sept Primates at the Nexus of Biodiversity Conservation and Global Health.

Environmental Studies, Emory University.

- 2008 July Primates at the nexus of biodiversity conservation and global health. Society for Tropical Biology and Conservation Annual Meeting, Parimaribo, Suriname.
- 2008 June Integrative approaches to infectious disease and agriculture. Diversitas Ecohealth Working Group, US National Academy of Science / United Nations Environment Program, Tempe, Arizona.
- 2008 May Ecosystem Health and Sustainable Agriculture. United Nations Commission on Development. United Nations Headquarters, New York.
- 2008 March The role of land-use change and human-wildlife linkages in disease emergence and ecosystem health. Global Health Institute, Emory University / CDC, Atlanta.
- 2008 Feb Primate Disease Workshop, University of Saskatoon Field Veterinary Program, Uganda.
- 2007 Nov The role of land-use change and human-wildlife linkages in disease emergence and ecosystem health. Max Planck Institute for Evolutionary Anthropology, Leipzig, Germany.
- 2007 Nov Primate Disease Workshop, European Union Primate Center, Gottengen, Germany. Lectures available online at: <http://www.euprim-net.eu/network/courses/course4.htm>
- 2007 Oct Defense Sciences Research Council Workshop, US Department of Defense, University of California, Santa Barbara.
- 2007 July Integrating Biodiversity and Health in Research, Education and Outreach. Biodiversity and Health Symposium, Society for Conservation Biology 21st Annual Meeting. Port Elizabeth, South Africa.
- 2007 June The ecology of zoonotic parasite transmission among wildlife, domestic animal, and human populations. American Society of Parasitologists Graduate Student-Invited Speaker, 1st North American Parasitology Congress. Merida, Mexico.
- 2007 Feb Biodiversity and health: integrating research, education, and outreach. Integrating Environment and Human Health: 7th National Conference on Science, Policy and the Environment, Washington, DC (Panel Member).
- 2006 Nov Preventing transmission of infectious diseases among wildlife, domestic animal, and human populations. Baltic University Programme / Great Lakes Program Curriculum in Sustainable Agriculture and Ecosystem Health Planning Meeting, Tallinn, Estonia.
- 2006 Oct Measuring the effects of parasitism and stress on the viability of primate populations. New Technologies in Field Primatology. Midwest Primate Interest Group 3rd Annual Meeting, University of Illinois (Panel Member).
- 2006 Sept Risk Management and Policy Workshop, US EPA Forum on Biodiversity and Health, Smithsonian Institution, Washington, D.C. (Discussant).

- 2006 Feb The role of land-use change and human-wildlife linkages in disease emergence and ecosystem health. Department of Anthropology, Washington University, St. Louis.
- 2005 Nov The role of land-use change and human-wildlife linkages in disease emergence and ecosystem health. Department of Anthropology, University of Illinois
- 2005 Nov The role of land-use change and human-wildlife linkages in disease emergence and ecosystem health. Department of Pathobiology, University of Illinois
- 2005 Sept Preventing transmission of infectious diseases among wildlife, domestic animal, and human populations. Baltic University Programme / Great Lakes Program Curriculum in Sustainable Agriculture and Ecosystem Health Planning Meeting, Kaunas, Lithuania.
- 2005 Aug Effects of anthropogenic disturbance on primate-pathogen dynamics. Department of Veterinary Pathobiology, University of Illinois.
- 2005 April Ecology and evolution of primate pathogens in fragmented African habitats. Department of Biology, University of Pennsylvania.
- 2004 Oct Problems in primate conservation. Midwest Primate Interest Group 1st Annual Meeting, University of Illinois (Symposium Chair).
- 2004 Sept Forest fragmentation, host-parasite dynamics, and the decline of an endangered African primate. Program in Ecology & Evolutionary Biology, U. of Illinois.
- 2004 July Forest fragmentation alters infection dynamics in African primate populations. Society for Conservation Biology 18th Annual Meeting, Columbia University, New York.
- 2004 May Anthropogenic disturbance and primate-parasite dynamics: Implications for primate health and conservation. Max Planck Institute, Leipzig, Germany.
- 2003 April Long-term effects of logging on gastrointestinal parasite dynamics in African primate communities. Dept. of Pathobiology, U. of Florida College of Vet. Medicine.
- 2003 March Impact of selective logging on parasite dynamics in African primate populations. Department of Zoology, University of Florida.
- 2002 July Effects of human disturbance on primate disease dynamics. Association for Tropical Biology Field Course, Makerere University Biological Field Station, Uganda.
- 2002 Feb Effects of human disturbance on primate disease ecology. Department of Zoology, Makerere University, Uganda.
- 2002 Jan Effects of human disturbance on primate disease dynamics. Dept. of Pathobiology, U. of Florida College of Veterinary Medicine.
- 2000 Sept Ethnobotany and zoopharmacognosy of an antiparasitic agent used by humans and the red colobus monkey: preliminary findings. Center for African Studies, University of Florida.
- 2000 June Effects of human disturbance on primate disease ecology. Smithsonian Field Course in Tropical Conservation, Makerere University Biological Field Station, Uganda.

- 2000 April Determinants of Group Size in the red colobus monkey (*Procolobus badius*). Zoology Graduate Research Symposium, University of Florida.
- 2000 March The Role of Human Rights in Tropical Conservation Center for Tropical Conservation and Development, U. of Florida.
- 1999 March Long-term effects of logging on African primate communities: A 28-year comparison from Kibale National Park, Uganda Department of Zoology, University of Florida.
- 1998 Oct Long-term effects of logging on African primate communities: A 28-year comparison from Kibale National Park, Uganda Center for Tropical Conservation and Development, U. of Florida.

Contributed Presentations

- 2015 Aug Integrated Chimpanzee (*Pan troglodytes*) and Ecosystem Health in the Greater Gombe Ecosystem, Tanzania. 6th European Federation for Primatology Meeting, Rome, Italy.
- 2014 Aug Identifying Hotspots for Zoonotic Transmission: Quantifying Fine-Scale Movement of Domesticated Animals Relative to Chimpanzees at Gombe Stream National Park, Tanzania. International Primatological Society 25th Congress, Hanoi, Vietnam.
- 2014 Aug Pathogenic Enterobacteria Associated with Anthropogenic Disturbance in Lemur Community at Ranomafana National Park, Madagascar. International Primatological Society 25th Congress, Hanoi, Vietnam.
- 2012 Aug Eco-Epidemiology of *Cryptosporidium* Transmission in Relation to Chimpanzee Health in the Greater Gombe Ecosystem, Tanzania. International Primatological Society 24th Congress, Cancun, Mexico.
- 2012 July Eco-Epidemiology of *Cryptosporidium* Transmission in Relation to Chimpanzee Health in the Greater Gombe Ecosystem, Tanzania. 61st International Wildlife Disease Association Conference, Lyon, France.
- 2010 Nov Anthropogenic Disturbance Increases Prevalence of Pathogenic Protozoa in Wild Rodent Reservoirs in Uganda. 59th Annual Meeting of the American Society of Tropical Medicine and Hygiene. Atlanta, Georgia.
- 2010 June Contrasting effects of a legacy of logging and active logging on patterns of parasitism in African ape populations, 59th Annual Meeting of the Wildlife Diseases Association. Iguazú, Argentina.
- 2009 Sept Logging creates unanticipated threat to ape health and conservation in Equatorial Africa. 32nd Annual Meeting of the American Society of Primatologists, San Diego.
- 2009 Aug Logging creates unanticipated threat to ape health and conservation in Equatorial Africa. Great Ape Health Workshop: Entebbe, Uganda.
- 2009 July Logging creates unanticipated threat to ape health and conservation in Equatorial Africa. 23rd Annual Meeting of the Society for Conservation Biology: Beijing, China.

- 2009 April Logging Creates Unanticipated Threat to Ape Health and Conservation in Equatorial Africa, Exploring the dynamic relationship between health. American Museum of Natural History, New York.
- 2008 Dec Eco-Epidemiology of Orthopoxviruses in Uganda, International Forum on EcoHealth: Merida, Mexico.
- 2008 Aug Therapeutic self-medication by free-ranging red colobus monkeys. International Primatological Society 22th Congress, Edinburgh, Scotland.
- 2008 Aug The Kibale EcoHealth Project: bridging conservation and health. International Primatological Society 22th Congress, Edinburgh, Scotland.
- 2007 Nov Monkeypox in Uganda. Poxviruses Symposium, 5th International Conference on Emerging Zoonoses, Limassol, Cyprus.
- 2006 Oct The Earth and Society Initiative in Disease Emergence and Ecosystem Health. EcoHealth One, University of Wisconsin, Madison.
- 2006 June Non-invasive methods for the assessment of gastrointestinal parasites in free-ranging primates. International Primatological Society 21th Congress, Entebbe, Uganda.
- 2004 Aug Forest fragmentation, host-parasite dynamics, and the decline of an endangered African primate. International Primatological Society 20th Congress, Torino, Italy.
- 2004 Aug Behavioral responses of red colobus monkeys to parasitic infection and elevated infection risk.. International Primatological Society 20th Congress, Torino, Italy.
- 2003 Aug Long-term effects of logging on parasite dynamics in African primate populations. 52nd Annual Wildlife Disease Association Conference, Saskatoon, Canada.
- 2003 July Impact of logging-induced ecological change on disease dynamics in African forest primates. 26th Annual Meeting of the American Society of Primatologists, Calgary, Canada.
- 2003 May Effects of selective logging on parasite infection prevalence and infection risk in African forest primates. Poster, 41st International Symposium on Diseases of Zoo and Wild Animals, Rome, Italy.
- 2000 April Determinants of Group Size in the red colobus monkey (*Procolobus badius*). Joint Meeting of the British Ecological Society and the Ecological Society of America, Orlando.
- 1999 Aug Determinants of Group Size in the red colobus monkey (*Procolobus badius*). American Society of Primatologists 22nd Annual Meeting, New Orleans.
- 1999 June Long-term effects of logging on African primate communities: A 28-year comparison from Kibale National Park, Uganda Society for Conservation Biology 13th Annual Meeting, University of Maryland (Student Paper Competition Honorable Mention).

Teaching and Mentoring

Courses Taught

- **Forests and Humans: From the Midwest to Madagascar.** (Coursera Course Lecturer, U. of Wisconsin, Madison). Fall 2016. <https://www.coursera.org/course/forestshumans>
- **Ebola Virus Disease: An Evolving Epidemic.** (Coursera Course Lecturer, Emory U.). Spring 2015. <https://www.coursera.org/course/ebola>
- **Ecology and Evolution of Disease.** (ENVS 359, Emory University). 2009 – Present.
- **Conservation Biology.** (ENVS 345 / BIOL 345, Emory University): 2009 – Present.
- **Ecology.** (IBS 595, Emory University): 2011.
- **Special Topics: Infectious Diseases in Primates: Ecology, Evolution, and Conservation.** (ENVS 389, Emory University): 2011, 2014, 2016.
- **Fundamentals of Environmental Science Research.** (ENVS 299, Emory University): 2010 – Present.
- **Laboratory Research Rotation.** (PBEE 597, Emory University). 2009 – Present.
- **Introduction to Independent Research.** (ENVS 399, Emory University): 2010 – Present.
- **Individual Research.** (ENVS 499, Emory University): 2010 – Present.
- **Advanced Topics in Population Biology, Ecology and Evolution: Ecological Parasitology.** (IBS 796, Emory University): 2009, 2015.
- **Special Topics: Ecology, Health and Disease.** (ENVS 389, Emory University): 2009.
- **Veterinary Parasitology.** (PATH 633, University of Illinois): 2006 – 2007. Core Curriculum in Veterinary Medicine.
- **Infectious Diseases in Primates: Ecology, Evolution, and Conservation.** (ANTH 515, University of Illinois): 2007.
- **Evolution and Human Disease.** (ANTH 249, University of Illinois): 2006 – 2007. Fulfilled Undergraduate Science Requirement.
- **Conservation Medicine and Ecosystem Health** (PATH 640, University of Illinois): 2005 – 2007.
- **Field Veterinary Medicine** (PATH 620, University of Florida): 2004. Study Abroad Course in Uganda.

Mentees

Gillespie is primary advisor unless otherwise noted.

**International research experience under Gillespie's guidance.*

Post-Doctoral Fellows

2016 – Present	Ria Ghai PhD
2014 – Present	*Cassidy Rist DVM, MPH
2012 – 2015	*Sarah Zohdy PhD. Current Position: Assistant Professor, Auburn University.
2011 – 2014	*Winnie Eckardt PhD. Current Position: Senior Scientist, Dian Fossey Fund International.

- 2012 – 2013 Julie Clennon PhD. Current Position: Research Professor, Rollins School of Public Health.
- 2011 – 2012 Gonzalo Vazquez-Prokopec PhD. Current Position: Assistant Professor, Emory University.
- 2008 – 2010 *Innocent Rwegu DVM, PhD. Current Position: Assistant Professor, University of Minnesota College of Veterinary Medicine.
- 2007 – 2009 *Martin Kowalewski PhD. Current Position: Director of the Corrientes Biological Research Center and CONICET Investigator, Corrientes, Argentina.
- 2007 – 2009 *Sandra Junglen PhD. Current Position: Group Leader, Tropical Arboviruses, German Institute for Virology, Bonn, Germany.

Doctoral Advisees

- 2016 – Present Amanda Vicente MSc, Population Biology, Ecology and Evolution, Emory University (Advisor). Fulbright Scholar.
- 2014– Present Joseph McMillan, Population Biology, Ecology and Evolution, Emory University (Committee Member).
- 2013 – Present Elizabeth Hall, Biological Anthropology, Purdue University (Committee Member).
- 2010 – 2015 *Michele Parsons PhD, Population Biology, Ecology and Evolution, Emory University. (Advisor).
- 2010 – 2015 Amanda Jo Williams PhD, Population Biology, Ecology and Evolution, Emory University. (Advisor).
- 2008 – 2015 *Rodolfo Martinez-Mota PhD, (Anthropology, U. of Illinois, Paul Garber Co-Advisor).
- 2011 – 2015 Tiffany Wolfe DVM, PhD, Epidemiology, University of Minnesota (Committee Member).
- 2011 – 2015 Sarah Guagliardo MPH, PhD, Population Biology, Ecology and Evolution, Emory University (Committee Member).
- 2008 – 2014 *Johanna Salzer DVM, PhD, Population Biology, Ecology and Evolution, Emory University (Advisor).
- 2009 – 2014 Rebecca Levine MPH, PhD, Population Biology, Ecology and Evolution, Emory University (Committee Member).
- 2009 – 2014 Sonja Metzger DVM, PhD, Disease Ecology, Max Planck Institute, Leipzig, Germany (Committee Member).
- 2009 – 2013 Jared Bakuza PhD, Tropical Medicine, University of Glasgow, Scotland (Committee Member).
- 2007 – 2013 Brandi Wren PhD, Biological Anthropology, Purdue University (Committee Member).
- 2010 – 2011 Sara Martin PhD, Interdisciplinary Anthropology, Stony Brook University (Committee Member).

Masters Advisees

2015– Present	*Robert Giordano, Environmental Health, Emory University
2014– Present	*Jessica Deere, Environmental Health, Emory University
2014– Present	*Tyrell Kahan, Masters in Development Practice, Emory University (Practicum Advisor).
2013 – 2015	*Katie Smith, Environmental Health, Emory University
2012 – 2014	*Kristin Derfus, Global Environmental Health, Emory University.
2012 – 2014	*Cassidy Rist, Epidemiology, Emory University (Practicum Advisor).
2012 – 2014	*Emily Headrick, Nell Hodgson Woodruff School of Nursing, Emory University (Practicum Advisor).
2011 – 2013	*Christopher Wegner, Environmental Health, Emory University.
2011 – 2013	Ellen Dugan, Environmental Health, Emory University.
2011 – 2013	Suraja Raj, Global Epidemiology, Emory University (Co-advisor with Christine Moe).
2011 – 2013	*Rachel Kearns, Global Epidemiology, Emory University (Practicum Advisor).
2011 – 2013	Neia Prata, Global Epidemiology, Emory University (Practicum Advisor).
2011 – 2013	*Morgan Mercer, Masters in Development Practice, Emory University (Practicum Advisor).
2011 – 2013	*Paul Thomas, Masters in Development Practice, Emory University (Practicum Advisor).
2010 – 2012	*Jonathan Bodager, Environmental Health, Emory University.
2009 – 2011	Rachael Mbabazi, Wildlife Veterinary Medicine, Makerere University, Uganda. (Innocent Rwego, Co-Advisor).
2009 – 2011	Julius Nyikirize, Wildlife Veterinary Medicine, Makerere University, Uganda. (Innocent Rwego, Co-Advisor).
2008 – 2011	Sascha Knauf, Disease Ecology, Robert Koch Institute, Berlin (Committee Member).
2008 – 2010	Naomi Hauser, Environmental Health, Emory University.
2008 – 2010	*Dylan Grippi, Population Biology, Ecology and Evolution, Emory University (Committee Member).
2008 – 2010	*Sandra Ockers, Global Health, Emory University (Practicum Advisor).
2007 – 2009	Tamarra Martz, Environmental Studies, Antioch University (Committee Member).
2007 – 2009	*Goylette Chami, Environmental Economics, Cambridge University, UK, (Committee Member).
2005 – 2008	*Elizabeth Estoff, Pathobiology, University of Illinois (Committee Member).

Veterinary Research Advisees

2008 – 2009	*Michelle Madonia, University of Illinois.
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2008 – 2009	J. Charles Deutsch, University of Illinois.
2007 – 2009	*Elizabeth Falendysz, University of Wisconsin.
2007 – 2008	*Anna Czekala, University of Illinois.
2007 – 2008	Martha Low, University of Illinois.
2007 – 2008	*Annie Lo, University of Illinois.
2006 – 2007	*Abigail Mathewson, University of Illinois.
2006 – 2007	*Mary Lee, University of Illinois.
2005 – 2006	*Johanna Salzer, University of Illinois.
2004 – 2005	*Marisa Bezjian, University of Florida (E. Greiner, Co-Advisor).

Undergraduate Advisees

Honors Research

2013 – 2015	Jasmine Hensley, Environmental Sciences, Emory University. <i>Cytauxzoon felis</i> dynamics in ticks and domestic cats in Northern and Central Georgia.
2012 – 2014	*Deema Elchoufi, Environmental Sciences, Emory University. Prevalence of antibiotic resistance in humans, wildlife, and livestock in and around Gombe National Park, Tanzania.
2012 – 2014	*Caroline Schwaner, Environmental Sciences, Emory University. Molecular characterization and zoonotic potential of <i>Cryptosporidium</i> species in free-ranging poultry in rural Madagascar.
2012 – 2014	Holly Bok, Environmental Sciences, Emory University. The effect of interspecific and intraspecific competition on floral fidelity in pollinator bee species (Committee Member).
2011 – 2013	*Ian Fried, Environmental Studies, Emory University. Effects of Diet on Patterns of Parasitism in Lemurs in Ranomafana National Park, Madagascar.
2011 – 2013	*Kristen Cross, Environmental Studies, Emory University. Covariates to Morbidity and Mortality Associated with <i>Streptococcus pneumoniae</i> Infection in Chimpanzees.
2010 – 2012	Jennifer Aronoff, Environmental Studies, Emory University. Parasitic Threats to the Critically Endangered Black Rhinoceros in Addo Elephant National Park, South Africa.
2009 – 2010	Kirsten Hesla, Environmental Studies, Emory University. Effect of bisphenol A exposure on development of metabolic syndrome (Committee Member).
2009 – 2010	Stephanie Chiang, Biology, Emory University, Specificity of the parasite <i>Escovopsis</i> among two sympatric species of <i>Cyphomyrmex</i> fungus growing ants (Committee Member).
2009 – 2010	Laura Darby Brown, Evolutionary Biology, Columbia University. Effects of Diamond and Gold Mining on Disease Transmission between Miners and Chimpanzees in Ecology and the Democratic Republic of Congo. (Committee Member).

- 2008 – 2009 Gillian Locascio, Environmental Studies, Emory University. Home Grown: Ngöbe Home Gardens in a Changing World (Committee Member).
- 2008 – 2009 Alexandra Kamins, Biology, Transfer of aphid secondary symbionts among sympatric insect communities and the effects of ingesting symbionts on ladybird beetles (Committee Member).
- 2007 – 2008 *Derek Meyer, Integrative Biology, University of Illinois, Gastrointestinal Parasites of Livestock Along a Forest-Agricultural Interface in Uganda: Implications for Zoonotic Exchange.
- 2007 – 2008 *Nora Prior, Integrative Biology, University of Illinois, Self-medication by red colobus monkeys in Uganda.
- 2007 JoZalea Matias, Anthropology, University of Illinois. James Scholar Project: Anthropogenic disturbance and disease dynamics.
- 2007 *Goylette Chami, Political Science, University of Illinois. James Scholar Project: Assessing the impact of water-bourne disease in rural Uganda.
- 2007 Roger Harty, Anthropology, University of Illinois. James Scholar Project: Evolution of Diabetes Mellitus.
- 2006 Valarie Mazzocco, Integrative Biology, University of Illinois, The Role of Leptin in the Evolution of Diabetes Mellitus. James Scholar Project.
- 2006 Karen Ruff, Anthropology, University of Illinois. James Scholar Project: Chronic Degenerative Diseases from an Evolutionary Perspective.
- 2006 Nadia Pandya, Integrative Biology, University of Illinois. James Scholar Project: Evaluation of the Hygiene Hypothesis.
- 2006 Mo Li, Anthropology, University of Illinois. James Scholar Project: Paleolithic Nutrition.

Non- Honors Directed Study

- 2015 – Present Lydia Routman, Environmental Sciences, Emory University. Project: Creating a Characteristic Profile of Primate-Associated Zoonotic Diseases.
- 2015 – Present Jamie Nadler, Environmental Sciences, Emory University. Project: Non-Invasive Diagnostics for Primate Parasitology.
- 2015 – Present Rebecca Upton, Environmental Sciences, Emory University. Project: Cooperative Behavior in Captive Elephants at Zoo Atlanta.
- 2014 – Present *Sahana Kuthyar, Environmental Sciences BS/MPH, Emory University. Project: The distribution of genotypes of *Giardia intestinalis* in black and gold howler monkeys, *Alouatta caraya*, in Corrientes, Argentina.
- 2014 – Present *Leo Ragazzo, Environmental Sciences, Emory University. Project: Human-Lion Conflict and Zoonotic Potential in Uganda.

- 2014 – 2015 Zana Pouncey, Environmental Sciences, Emory University. Project: Ectoparasites of Lemurs.
- 2014 – 2015 Kyung Joon Park, Environmental Sciences, Emory University. Project: Ectoparasites of Lemurs.
- 2014 – 2015 *Martin Riu, Environmental Sciences, Emory University. Project: Efficacy of antibiotics in rural Madagascar.
- 2014 – 2015 *Gabriel Andrieu, Environmental Sciences, Emory University. Project: Zoonotic Parasites of Mountain Gorillas in Rwanda.
- 2014 – 2015 Jalika Joyner, Environmental Sciences, Emory University. Project:
- 2014 – 2015 Giselle De La Torre, Environmental Sciences, Emory University. Project: Gastrointestinal Parasites of Gombe Chimpanzees.
- 2013 – 2015 *Robert Giordano, Environmental Sciences, Emory University. Project: Health assessment of the critically endangered Cross River Gorillas, Cameroon.
- 2013 – 2015 *Morika Hensley, Environmental Sciences, Emory University. Project: Perceptions of Human-Wildlife Conflict in Ladakh, India.
- 2013 – 2015 *Ashley Stumvoll, Environmental Sciences, Project: Incidence of *Entamoeba histolytica* in human and lemur populations near Ranomafana National Park, Madagascar.
- 2012 – 2015 *Diane Ryu, Environmental Sciences, Project: Health implications of ranging outside park boundaries in wild Virunga mountain gorillas in Rwanda.
- 2012 – 2013 HoJoon Hwang, Biology, Emory University. Project: Molecular characterization of enteric protozoa from Ugandan rodents.
- 2012 – 2013 Hugh Green, Environmental Sciences, Emory University. Project: The human diet from an evolutionary perspective.
- 2012 – 2013 Pryia Chitta, Environmental Sciences, Project: Clinical Analysis of the Gastrointestinal Parasites and Bacteria from Gombe Chimpanzees and Correlation to Behavioral, Co-infection, and Stress Hormone Level Data.
- 2012 – 2013 Audrey Zeis, Environmental Sciences, Emory University. Project: Microbial ecology of the lone star tick in central Georgia.
- 2011 – 2012 Deema Elchoufi, Environmental Sciences, Emory University. Project: Characterization of the symbiont *Candidatus midichloria mitochondrii* in the novel tick host *Amblyoma americanum*.
- 2011 – 2012 Gwen Parker, Environmental Sciences, Emory University. Project: Microbial ecology of the lone star tick in central Georgia.
- 2011 – 2012 Ellen Dugan, Environmental Sciences, Emory University. Project:

Development of a PCR-based assay to detect medically important *Rickettsia* in complex environmental samples.

- 2011 – 2012 Dana Greenlee, Environmental Sciences, Emory University. Project: Ecology of Ectoparasites of Rodents in Kibale National Park, Uganda.
- 2011 – 2012 Marston Jones, Environmental Sciences, Emory University. Project: Gastrointestinal Parasites of Chimpanzees in the Rapidly Disappearing Gishwati Forest, Rwanda.
- 2011 – 2012 Benjamin Kramer-Roach, Environmental Sciences, Emory University. Project: Ectoparasites of small mammals and birds at multiple sites in Georgia.
- 2011 – 2012 Ian Fried, Environmental Sciences, Emory University. Project: Ectoparasites of small mammals and birds at multiple sites in Georgia.
- 2009 – 2011 Kristen Cross, Environmental Sciences, Emory University. Project: Molecular Epidemiology of *Cryptosporidium* in Rodents in Kibale National Park, Uganda.
- 2009 – 2012 Brynne Ridgewell, Environmental Sciences, Emory University. Project: Self-Medication as an Adaptive Behavior in Wild Apes.
- 2009 – 2012 Kendall West, Environmental Sciences, Emory University. Project: Effects of Group Structure on Patterns of Infection with Pathogenic Protozoa in Wild Primates in Amazonian Peru.
- 2008 – 2011 Jon Bodager, Environmental Sciences, Emory University. Project: Howler Monkeys as Sentinels of Human Disease: Prevalence of Rickettsial Diseases in the Ectoparasites of the Genus *Alouatta*.
- 2008 – 2010 Eunice Lee, Environmental Sciences, Emory University. Project: Does Ecotourism Present a Health Risk to Apes? The Case of Zoonotic Protozoa Infection in Lowland Gorillas in Congo.
- 2008 – 2010 Stefanie Lang, Biology, Emory University. Project: Anthropogenic Disturbance Increases the Prevalence of Pathogenic Protozoa in Wild Rodent Reservoirs in Uganda.
- 2006 – 2008 Elizabeth Canfield, Anthropology, University of Illinois. Project: Gastrointestinal parasites of wild chimpanzees in Senegal.
- 2006 – 2008 Sarah Erwin, Anthropology, University of Illinois. Project: Gastrointestinal parasites of wild primates in western Uganda.
- 2006 – 2008 Nader Tondravi, Integrative Biology, University of Illinois. Project: Gastrointestinal parasites of goats in western Uganda.
- 2006 – 2008 Mariah Howard, Integrative Biology, University of Illinois. Project: Gastrointestinal parasites of cattle in western Uganda.

Service

Department

2009 – Present	Chair, ENVS BS / MPH Program Committee.
2009 – Present	ENVS Graduate Committee.
2009 – Present	ENVS Undergraduate Research Advisory Committee.
2011 – 2012	ENVS Faculty Search Committee
2009 – 2011	ENVS Curriculum Committee.
2009 – 2010	ENVS Departmental Retreat Planning Committee.
2008 – 2009	ENVS Faculty Search Committee.
2006 – 2007	Anthropology Faculty Search Committee, University of Illinois.

University

2014 – Present	Emory Ebola Advisory Task Force (Representative of the College of Arts and Sciences).
2009 – Present	Coordinator of Emory ENVS BS / MPH Program. http://www.envs.emory.edu/graduate/mph.html
2011 – Present	Advisory Committee for Interdisciplinary Minor in Global Health, Culture, and Society.
2010 – 2013	Admissions Liaison for Environmental Studies, Emory University.
2009 – 2013	University Research Committee, Emory University.
2005 – 2008	Director, Earth and Society Initiative in Disease Emergence & Ecosystem Health, University of Illinois, Urbana-Champaign.
2008	Steering Committee, Center for Zoonoses Research, University of Illinois.
2006 – 2008	Chair, Earth and Society Summer Research Grant Program. Supported 15 graduate fellows working on interdisciplinary research with faculty from the Colleges of Agriculture, Liberal Arts and Sciences, Medicine, and Veterinary Medicine, and the Illinois Natural History Survey.
2006 – 2008	Campus Research Board, University of Illinois.
2007	Organizer, Earth and Society Campus-Wide Seminar Series, University of Illinois.
2006	Organizer, Four-week Translational Biomedical Research Seminar Series, College of Veterinary Medicine, University of Illinois.

Professional

2013 – Present	National Center for Ecological Analysis and Synthesis (NCEAS) Working Group on Land Use Change and Infectious Diseases.
2013 – Present	National Socio-Environmental Synthesis Center (SESYNC) Working Group on Land Use Change and Infectious Diseases.
2013 – Present	Primate Specialist Group, Species Survival Commission of the Union for the Conservation of Nature (IUCN).
2013 – Present	Board Member, PIVOT. www.pivotworks.org
2010 – Present	Advisory Board, Centre Val Bio, Madagascar
2009 – Present	Guest Researcher, Center for Disease Control and Prevention (CDC).
2009 – Present	Honorary Lecturer, Faculty of Veterinary Medicine, Makerere University, Kampala, Uganda.
2006 – Present	United Nations Environment Programme (UNEP) Working Group on Best Practices for Ape Health and Conservation.
2004 – Present	International Union for the Conservation of Nature (IUCN) Veterinary Specialist Group Great Ape Health Monitoring Unit (GAHMU).
2014	Symposium Organizer & Chair, Featured Interdisciplinary Symposium: American Society of Primatologists Annual Meeting, Decatur, Georgia.
2014	Symposium Chair, Primate Conservation, International Primatological Society 25 th Congress, Hanoi, Vietnam.
2008 – 1012	National Academy of Science / UNESCO DIVERSITAS ecoHEALTH Working Group.
2013	Symposium Chair, Primate Conservation, International Primatological Society 24 th Congress, Cancun, Mexico.
2007 – 2013	Graduate Faculty, Purdue University, West Lafayette, Indiana.
2007 – 2011	Scientific Advisory Board, Morris Animal Foundation.
2010	Symposium Chair, Special Session on Great Ape Health, International Primatological Society 23 rd Congress Kyoto, Japan.
2007 – 2008	Steering Committee, Eleventh Annual Conference on New & Reemerging Infectious Diseases, Center for Zoonoses Research., University of Illinois.
2005 – 2008	Steering Committee, EnviroVet Baltic.
2006 – 2008	Senior Scientist, Great Lakes University Program.
2006	Symposium Chair, Primate Conservation, International Primatological Society 21 st Congress, Entebbe, Uganda.

2006 Organizing committee, Midwest Primate Interest Group 3rd Annual Meeting, University of Illinois.

Peer Review

2010 – Present Editorial Board, International Journal of Primatology, Official Journal of the International Primatological Society and the leading publisher of primate-related research

2011 – Present Editorial Board, International Journal for Parasitology (Wildlife).

2008 – 2012 Wildlife Health Review Panel, Morris Animal Foundation.

2008 Terrestrial Systems Ecology National Review Panel, US Environmental Protection Agency.

Ad-hoc Review of Research Proposals

- L.S.B. Leakey Foundation
- National Geographic Society
- National Science Foundation
- Primate Conservation Inc.

Peer Review of Articles Submitted for Publication

- African Journal of Ecology
- American Journal of Physical Anthropology
- American Journal of Primatology
- Behavioral Ecology & Sociobiology
- Biological Conservation
- Biotropica
- Conservation Biology
- Current Biology
- EcoHealth
- Emerging Infectious Diseases
- Folia Primatologica
- International Journal of Primatology
- Journal of Animal Ecology
- Journal of Applied Ecology
- Journal of Parasitology
- Journal of Tropical Ecology
- Journal of Wildlife Diseases
- PLOS One
- PLOS Biology
- PLOS Neglected Tropical Pathogens
- Proceedings of the National Academy of Science
- Science
- Trends in Parasitology

Media coverage of research:

2016 BioScience Magazine (January 2016)
Ogden LE 2016. Furbook or Featherbook? BioScience 66:7-13.

- 2015 Coursera Video Lecture for "Forests and Humans: From the Midwest to Madagascar" > 1,000 students from > 20 countries. <https://www.coursera.org/course/forestshumans>
- 2015 BBC Wildlife Magazine (Research Featured as BBC's Discovery of the Month for July) <http://www.discoverwildlife.com>
- 2015 Conservation Magazine (March 2015) <http://conservationmagazine.org/2015/03/spillover-of-human-disease-threatens-wild-chimps/>
- 2015 Coursera Video Lecture for "Ebola Virus Disease: An Evolving Epidemic" > 5,000 enrolled students from 159 countries. <https://www.coursera.org/course/ebola>
- 2014 Emory Medicine Magazine Feature (Fall 2014) <http://emorymedicinemagazine.emory.edu/issues/2014/fall/features/disrupting-the-balance/index.html>
- 2014 Ebola's backstory (> 1,000 views on YouTube in first two weeks posted) <http://esciencecommons.blogspot.com/2014/10/ebolas-backstory-how-germs-jump-species.html>
- 2014 Mongabay.com Feature (April 2014) <http://news.mongabay.com/2014/0403-forestinnovation-kimbrough-gillespie.html>
- 2014 Emory Magazine Feature (Spring 2014) http://www.emory.edu/EMORY_MAGAZINE/issues/2014/spring/features/madagascar.html
- 2013 Emory News Center (January 2013) http://news.emory.edu/stories/2013/01/er_acclaim_gillespie_miller_umpierrez_wolpe/campus.html
- 2012 Scientific American (August 2012) <http://blogs.scientificamerican.com/extinction-countdown/2012/08/28/chimps-human-diseases-risk-reintroduction/>
- 2012 New York Times (August 2012) http://www.nytimes.com/2012/08/28/science/drug-resistant-human-strains-of-staph-bacteria-are-found-in-chimps.html?_r=0
- 2012 US News and World Report (August 2012) <http://health.usnews.com/health-news/news/articles/2012/08/24/african-chimps-carry-drug-resistant-human-linked-staph>
- 2012 NBC News (August 2012) http://www.today.com/id/48745939/ns/today-today_tech/t/deadly-human-bacteria-infests-chimps-raising-new-worries/#.UD5y4mjC65I
- 2012 CBS News (August 2012) http://www.cbsnews.com/8301-205_162-57498128/deadly-human-bacteria-now-infests-chimps/
- 2012 Chemistry and Industry Feature Story (June 2012) http://envs.emory.edu/home/assets/documents/miscellaneous_docs/Cross_River_Gorilla.pdf
- 2012 Scientific American (June 2012, Also covered by Emory News) <http://blogs.scientificamerican.com/observations/2012/06/05/big-herds-attract-plenty-of-parasites/>
- 2012 eScienceCommons (May 2012) <http://esciencecommons.blogspot.de/2012/05/glimpse-of-worlds-most-elusive-gorillas.html>

- 2011 eScienceCommons (October 2011)
<http://esciencecommons.blogspot.de/2011/10/captive-chimps-up-for-endangered-status.html>
- 2011 Emory looks at Hollywood (63,893 views on YouTube since August 2011):
<http://esciencecommons.blogspot.de/2011/08/wild-view-of-apes-of-planet.html>
- 2011 eScienceCommons (August 2011)
<http://esciencecommons.blogspot.de/2011/08/mountain-gorillas-people-in-their-midst.html>
- 2009 Environmental Protection Agency Feature Story:
http://es.epa.gov/ncer/events/news/2009/01_13_09_c_feature.html
- 2009 *Emory Report*, "Gorilla vet tracks microbes for global health".
http://www.emory.edu/EMORY_REPORT/erarchive/2009/September/Sept28/innocence_rwego.htm
- 2008 Emory Report, "From wildlife to civilization: Primate disease ecologist tracks germs in the wild".
http://www.emory.edu/EMORY_REPORT/erarchive/2008/October/Oct27/ProfileThomasGillespie.htm
- 2008 Emory News Release, "First holistic guide to primate disease covers critical gap in global health".
<http://www.emory.edu/home/news/releases/2008/11/holistic-guide-to-primate-disease.html>
- 2007 *New Scientist*, "Visitors leave apes with unwanted bacteria" by Phil McKenna. 2588:16.
- 2006 *The Veterinary Report*, "The Ugandan connection: multifaceted project examines impact of human-primate interaction on disease emergence" by Chris Beuoy. Winter 2006.
- 2006 *The News Gazette*, "Tree stumps used to look at parasite risks" by Greg Kline. May 3, 2006.
- 2005 *The News Gazette*, "Monkey business: Researchers examine link between health of an ecosystem, health of its residents" by Greg Kline. July 28, 2005.
- 2004 *Science*, "Forest loss makes monkeys sick" by Erik Stokstad. 305:1230-1231.
- 2004 Environmental Protection Agency Careers in Environmental Science Feature:
<http://www.epa.gov/ord/people/people-gillespie.htm>
- 2004 *The Forestry Source*, "Study shows relationship between forest fragmentation and disease" by Christopher Davis. September 2004.