

Michael Butler Brown, PhD

Conservation Science Coordinator: The Giraffe Conservation Foundation

Co-Chair: IUCN Giraffe and Okapi Specialist Group

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Education

DARTMOUTH COLLEGE; Hanover, New Hampshire ~ 2014-2019

PhD in Ecology, Evolutionary, Ecosystems, and Society

Department of Biological Sciences ~ Graduate Program in Ecology, Evolution, Ecosystems and Society

Dissertation: From Leaves to Lambda: Bottom-Up Effects on Giraffe Foraging Behavior, Movement Ecology, and Population Dynamics

COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK; New York City, New York ~ 2010-2012

Master of Arts in Conservation Biology, 2012

Department of Ecology, Evolution and Environmental Biology

Thesis: Animal Movement in a Dynamic Environment:

A Study of Grevy's Zebra (*Equus grevyi*) in Semi-Arid Savannahs of Northern Kenya

UNIVERSITY OF MARYLAND; College Park, Maryland ~2005-2009

Bachelor of Sciences in General Biology, 2009

Honors College ~ Presidential Scholar

SCHOOL FOR FIELD STUDIES; Center for Wildlife Management, Tanzania ~2008

Wildlife Management~ Environmental Policy~ Wildlife Ecology ~ Swahili Language Studies

Experimental Design and conservation-based field research ~

Research: Tourist Satisfaction in Relation to Wildlife and Other Attractions in the Northern Circuit of Tanzania: Implications for Tourism Planning and Wildlife Management.

Publications

- [23] Marneweck, C.J., **Brown, M.B.**, Fennessy, S., Ferguson, S., Hoffman, R., Muneza, A., Fennessy, J. (2024). The evolution of tracking technology for wild giraffe (*Giraffa spp.*). *African Journal of Wildlife Research*. 54(1) ([PDF HERE](#))
- [22] Clements, H.S, Do Linh San, E., Hempson, G.,...,**Brown, M.B.**,...,Woodhouse, G.M. (2024). Impacts of land use on the abundance of sub-Saharan Africa's fauna and flora: The bii4africa dataset. *Scientific Data*. **11**, 191 <https://doi.org/10.1038/s41597-023-02832-6> ([PDF HERE](#))
- [21] Crego, R.D., Fennessy, J.T., **Brown, M.B.**, Connette, G., Stacy-Dawes, J., Masiaine, S., Stabach, J.A. (2023) Combining species distribution models and moderate resolution satellite information to guide conservation programs for reticulated giraffe. *Animal Conservation* ([PDF HERE](#))
- [22] Clark, R. K., Fennessy, J., Ferguson, S., Fraticelli, C., Honig, N., Morrison, T., **Brown, M.B.** (2023) Seasonal dynamics impact habitat preferences and protected area use of the Critically Endangered Kordofan giraffe (*Giraffa camelopardalis antiquorum*). *Journal of African Wildlife Research*. ([PDF HERE](#))
- [19] **Brown, M.B.**, Fennessy, J.T., Crego, R.D., Fleming, C.H., Alves, J., Brandlová, K., Fennessy, S., Ferguson, S., Hauptfleisch, M., Hejzmanova, P., Hoffman, R., Leimgruber, P., Masiaine, S., McQualter, K., Mueller, T., Muller, B., Muneza, A., O'Connor, D., Olivier, A.J., Rabeil, T., Seager, S., Stacy-Dawes, J., van Schalkwyk, L., Stabach, J. (2023). Ranging Behaviors across ecological and anthropogenic disturbance gradients: A Pan-African perspective of giraffe (*Giraffa spp.*) space use. *Proceedings of the Royal Society B*. **290**: 20230912. 20230912 <http://doi.org/10.1098/rspb.2023.0912> ([PDF HERE](#))
- [18] Tucker, M., Schipper, A., Adams, T.,... **Brown, M.**,...Mueller, T. (2023) Behavioral responses of terrestrial mammals to COVID-19 lockdowns. *Science*. 380 (6649): 1059-1064. doi: 10.1126/science.abo6499 ([PDF HERE](#))
- [17] Ferguson, S., Kaitho, T., Lekolool, I, Muneza, A., Michelmores, J., Mcfeeters, L., Hoffman, R., **Brown, M.**, Fennessy, S., Fennessy, J.T. (2023) Congenital and neoplastic cranial deformities observed in free-ranging giraffe (*Giraffa spp.*). *Journal of Wildlife Diseases*. 59(3): DOI: 10.7589/JWD-D-22-00102 ([PDF HERE](#))

- [16] Berstein-Kurtycz, Dunham, N.T., L.M., Evenhuis, J., **Brown, M.B.**, Muneza, A., Fennessy, J., Dennis, P., Lukas, K.E. (2023) Evaluating the effects of giraffe skin disease and wire snare wounds on the gaits of free-ranging Nubian giraffe (*Giraffa camelopardalis camelopardalis*). *Scientific Reports*. 13: 1959: <https://doi.org/10.1038/s41598-023-28677-y> (PDF HERE)
- [15] Broekman, M.J.E., Hilbers, J.P., Huijbregts, M.A.J., Mueller, T., Ali, A.H., Andren, H., Altmann, J., Aronsson, M., Attias, N., Bartlam-Brooks, H.L.A., van Beest, F.M., Belant, J.L., Beyer, D.E., Bidner, L., Blaum, N., Boone, R.B., Boyce, M., **Brown, M.B.**, Cagnacci, F., Cerne, R., Chamaillé-Jammes, S., Dejid, N., Dekker, J., Desbiez, A.L.J., Díaz-Muñoz, S.L., Fennessy, J., Fichtel, C., Fischer, C., Fisher, J.T., Fischhoff, I., Ford, A.T., Fryxell, J.M., Gehr, B., Goheen, J., Hauptfleisch, M., Hewison, A.J.M., Hering, R., Heurich, M., Isbell, L., Janssen, R., Jeltsch, F., Kaczensky, P., Kappeler, P.M., Krofel, M., LaPoint, S., Latham, A.D.M., Linnell, J.D.C., Markham, A.C., Mattisson, J., Medici, E.P., Miranda Mourão, G.D., Van Moorter, B., Morato, R.G., Morellet, N., Mysterud, A., Ndambuki, S., Odden, J., Olson, K.A., Ornicāns, A., Pagon, N., Panzacchi, M., Persson, J., Petroelje, T. Rolandson, C.M., Roshier, D., Rubenstein, D.I., Saïd, S., Salemgareyev, A.R., Sawyer, H., Schmidt, N.M., Selva, N., Sergiel, A., Stabach, J., Stacy-Dawes, J., Stewart, F.E.C., Stiegler, J., Strand, O., Sundaresan, S., Svoboda, N.J., Ullman, W., Voigt, U., Wall, J., Wikelski, M., Wilmers, C.C., Zieba, F., Zwijacz-Kozica, T., Schipper, A.M., Tucker, M. (2022). Evaluating expert-based habitat suitability information of terrestrial mammals with GPS tracking data. *Global Ecology and Biogeography*. DOI: 10.1111/geb.13523 (PDF HERE)
- [14] Han, S., Dadone, L., Ferguson, S., Bapodra-Villaverde, P., Dennis, P.M., Aruho, R., Sadar, M.J., Fennessy, J., Driciru, M., Muneza, A. B., **Brown, M.B.**, Johnston, M., Lahmers, K. (2022). Giraffe skin disease, the clinicopathologic characterization of cutaneous filariasis in the critically endangered Nubian giraffe (*Giraffa camelopardalis camelopardalis*). *Journal of Veterinary Pathology* (PDF HERE)
- [13] **Brown, M.B.**, Kulkarni, T., Ferguson, S., Fennessy, S., Muneza, A., Stabach, J., Fennessy, J. (2021). Conservation status of giraffe: evaluating contemporary distribution and abundance with evolving taxonomic perspectives. *Imperiled: An Encyclopedia of Endangered Species* (PDF HERE)
- [12] Crego, R.D., Wells, H.B.M., Ndung'u, Evans, L., Nduguta, R.N., Chege, M., **Brown, M.B.**, Ogotu, J.O., Ojwang, G.O., Fennessy, J., O'Connor, D., Stacy-Dawes, J., Rubenstein, D.I., Martins, D.J., Leimgruber, P., Stabach, J. 2021. Moving through the mosaic, identifying critical linkage zones for large herbivores across a multiple-use African landscape. *Landscape Ecology*. <https://doi.org/10.1007/s10980-021-01232-8> (PDF HERE)
- [11] **Brown, M. B.**, Wells, E. (2020). Skeletal dysplasia-like syndromes in wild giraffe. *BMC Research Notes*. 13:569. <https://doi.org/10.1186/s13104-020-05403-9> (PDF HERE)
- [10] Hart, E. M., Fennessy, J. F., Rasmussen, H. R., **Brown, M. B.**, Muneza, A. B., Ciuti, S. (2020). Precision and performance of an 180 g solar-powered GPS device for tracking medium to large-bodied terrestrial mammals. *Wildlife Biology*. 2020(3): <https://doi.org/10.2981/wlb.00669> (PDF HERE)
- [9] **Brown, M. B.** Bolger, D.T. (2020). Male-biased partial migration in a giraffe population. *Frontiers in Ecology and Evolution*. doi: 10.3389 (PDF HERE)
- [8] O'Connor, D., Stacey-Dawes, J., Muneza, A., Fennessy, J., Gobush, K., Chase, M. J., **Brown, M. B.**, Bracis, C., Elkan, P., Zaberirou, A.R.M., Rebeil, T., Rubenstein, D., Becker, M.S., Phillips, S., Stabach, J., Leimgruber, P., Glikman, J., Ruppert, K., Mueller, T. (2019). An update of the geographical distribution of giraffe, *Giraffa spp.*, throughout sub-Saharan Africa and its implications for conservation. *Mammal Review*. SSN 0305-1838 (PDF HERE)
- [7] **Brown, M.B.**, Bolger, D.T., Fennessy, J. (2019). All the eggs in one basket: A countrywide assessment of current and historical giraffe population distribution in Uganda. *Global Ecology and Conservation*. e00612 (PDF HERE)
- [6] Fennessy, S., Fennessy, J., Muller, Z., **Brown, M.** & Marais, A. (2018). *Giraffa camelopardalis ssp. rothschildi*. *The IUCN Red List of Threatened Species* 2018: e.T174469A5114082 (PDF HERE)
- [5] Muller, Z., Bercovitch, F., Brand, R., Brown, D., **Brown, M.**, Bolger, D., Carter, K., Deacon, F., Doherty, J.B., Fennessy, J., Fennessy, S., Hussein, A.A., Lee, D., Marais, A., Strauss, M., Tutchings, A. & Wube, T. (2016). *Giraffa camelopardalis*. *The IUCN Red List of Threatened Species* 2016: e.T9194A51140239. <http://dx.doi.org/10.2305/IUCN.UK.2016-3.RLTS.T9194A51140239.en>. (PDF HERE)
- [4] Gochman, S.R., **Brown, M.B.**, Dominy, N.J. (2016). Alcohol discrimination and preference in two species of nectar-feeding primate. *Royal Society Open Science*, 2016; 3 (7): 160217 DOI:10.1098/rsos.160217 (PDF HERE)
- [3] Flanagan, S., **Brown, M.**, Fennessy, J., Bolger, D. (2016). Use of home range behavior to assess establishment in translocated giraffe. *African Journal of Ecology*. 54(3): 365-374 (PDF HERE)
- [2] **Brown, M.** (2015). Murchison Falls Giraffe Project: Field Report. *Giraffid*. 9(1): 5-10 (PDF HERE)
- [1] Bryant, A., Fennessy, J., **Brown, M.** (2015) Kidepo Valley National Park giraffe conservation survey report. *Giraffid*. 9(2): 16-22

Publications (in Review)

- Noonan, M., Fleming, C., Garcia De Figueiredo, B., Ali, A., Attias, N., Belant, J., Beyer Jr., D., Berteaux, D., Bidner, L., Boone, R., Boutin, S., Brito, J., **Brown, M.**, Carter, A., Castellanos, A., Castellanos, F., Chitwood, C., Darlington, S., de la Torre, J.A., Dekker, J., DePerno, C., Droghini, A., Farhadinia, M., Fennessy, J., Fichtel, C., Ford, A., Gill, R., Goheen, J., Oliveira-Santos, L.G., Hebblewhite, M., Hodges, K., Isbell, L., Janssen, R., Kappeler, P., Kays, R., Kaczensky, P., LaPoint, S., Lashley, M., Leimgruber, P., Little, A., Macdonald, D., Masiaine, S., McBride, R., Medici, E.P., Mertes, K., Moorman, C., Morato, R., Mourao, G., Mueller, T., Neilson, E.W., Pastorini, J., Patterson, B.D., Pereira, J., Petroelje, T. R., Power, R.J., Rachlow, J., Ranglack, D., Roshier, D., Safford, K., Scott, D., Serrouya, R., Songer, M., Songsasen, N., Stabach, J., Stacy-Dawes, J., Swingen, M.B., Thompson, J., Tucker, M.A., Velilla, M., Yarnell, R., Young, J., Fagan, W., Calabrese, J.M. (In Review). The search behavior of terrestrial mammals. *Nature*
- Muneza, A.B., **Brown, M.B.**, Janke, A., Marneweck, C., Ferguson, S. D., Winter, S., Koepfli, K-P, Stabach, J., Hoffman, R., Simon, J.K., Fennessy, S., Fennessy, J. (In Review). Effective conservation and management of giraffe requires adopting recent advances of their taxonomy. *Mammal Review*

Publications: Technical Reports

- Brown, M.B.**, Bantlin D. 2023. *Akagera National Park: Giraffe Survey Report: July 2023*. Giraffe Conservation Foundation, Windhoek, Namibia.
- Brown, M.B.** 2023. *Pian Upe Wildlife Reserve Post Translocation Giraffe Survey: April 2023*. Giraffe Conservation Foundation, Windhoek, Namibia.
- Brown, M.B.** 2023. *Lake Mburo National Park Post Translocation Giraffe Survey: March 2023*. Giraffe Conservation Foundation, Windhoek, Namibia.
- Hoffman, R.H., **Brown, M.B.**, 2022. *The Spatial Ecology of Giraffe in Phinda Private Game Reserve, South Africa: A Preliminary Assessment: September 2022*. Giraffe Conservation Foundation, Windhoek, Namibia
- Brown, M.B.**, Hoffman, R.H. 2022. *The Spatial Ecology of Giraffe in Karingani Reserve, Mozambique: A Preliminary Assessment*. Giraffe Conservation Foundation, Windhoek, Namibia
- Brown, M.B.**, Bantlin, D., 2022. *Akagera National Park: Giraffe Survey Report: March 2022*. Giraffe Conservation Foundation, Windhoek, Namibia
- Fennessy, J., Bower, V., Castles, M., Fennessy, S., **Brown, M.**, Hoffman, R., Muneza, A., Alves, J., Morkel, P. & Ferguson, S. 2022. *A Journey of Giraffe – A practical guide to wild giraffe translocations*. Giraffe Conservation Foundation, Windhoek, Namibia.
- Brown, M.B.**, Hoffman, R.H. 2021. *Zinave National Park, Mozambique: Giraffe Survey Report: November 2021*. Giraffe Conservation Foundation, Windhoek, Namibia
- Brown, M.B.**, Ferguson, S. 2020. *Pian Upe Wildlife Reserve Post Translocation Monitoring Report: March 2020*. Giraffe Conservation Foundation, Windhoek, Namibia

Professional Appointments

- | | |
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| <i>Giraffe Conservation Foundation</i>
Conservation Science Coordinator | Windhoek, Namibia
October 2022 – Present |
| <i>Giraffe Conservation Foundation and Smithsonian National Zoo and Conservation Biology Institute ~</i>
Conservation Science Postdoctoral Fellow | Front Royal, Virginia, USA
October 2019 – October 2022 |
| <i>Princeton University ~ Laikipia Zebra Project</i>
Project Manager | Mpala Research Centre, Kenya
April 2013 – September 2014 |
| <i>MedAdvocacy LLC.</i>
Manager of Consumer Development and Marketing Strategy | Kulpsville, Pennsylvania, USA
December 2012 – April 2013 |
| <i>Oregon State University ~ Columbia River Avian Predation Project</i>
Colony Monitor | Astoria, Oregon
March 2010 – August 2010 |
| <i>Curry and Kerlinger, LLC.</i>
Environmental Consultant: Wind Farm Wildlife Biologist | Bear Creek, Pennsylvania
August 2009 - December 2009 |
| <i>African Wildlife Foundation~ Membership Department</i>
Membership Relations Intern | Washington D.C.
January 2009- May 2009 |
| <i>Smithsonian National Museum of Natural History~ Entomology Department</i>
Curatorial and Imaging Intern | Washington D.C.
September 2008-January 2009 |
| <i>United States Department of Agriculture~ Parasitology Laboratory</i>
Molecular Evolution Undergraduate Research Assistant | Beltsville, Maryland
September 2007- December 2007 |
| <i>University of Maryland~ Borgia Laboratory</i> | College Park, Maryland |

Avian Behavior Undergraduate Research Assistant
L.F. Driscoll Construction Management
Blind Guide/Liability Management ~ Assistant Field Superintendent July 2006-September 2006; May 2007-August 2007

January 2007-May 2007
Philadelphia, Pennsylvania

Teaching Experience

- Dartmouth College** ~ Department of Biological Sciences
Teaching Assistant: Conservation of Biodiversity;
Ecology; Physiology; Genetic Variation and Evolution; Biostatistics
Hanover, New Hampshire
September 2014 – 2019
- Dartmouth College** ~ Department of Environmental Studies: Foreign Studies Program
Field Course Teaching Assistant:
Social and Political Aspects of Development Conservation in Southern Africa
Seminar on Environmental Issues in Southern Africa (Directed Research at Gobabeb Research and Training Centre)
Namibia
October 2016
- Dartmouth College** ~ Department of Biological Studies: Foreign Studies Program
Field Course Teaching Assistant:
Habitats in Costa Rica
Ecological Research on Coral Reefs
Directed Research at Palo Verde Research Station, Monteverde Biological Station, Cuerici Biological Station, Campanario Biological Station, Las Cruces Research Station, La Selva Research Station, and Central Caribbean Marine Institute
Costa Rica and Little Cayman Island
January 2018
- Columbia University** ~ Department of Ecology, Evolution and Environmental Biology
Reading Assistant: The Evolution of the Human Species;
The Behavioral Biology of Living Primates;
Environmental Biology II
New York City, New York
September 2011 – May 2012
- Columbia University** ~ Science Honors Program
Lecturer: International Conservation: Ecological Science, Economics and the Public
New York City, New York
January 2011 – May 2012

Mentor Experience

- University of Glasgow**, Scotland - Rachael Clark, Msc (2022)
Project: "Habitat Selection of the Critically Endangered Kordofan Giraffe (*Giraffa camelopardalis antiquorum*) in the Seasonally Flooding Zakouma National Park, Chad"
- Georg August Universität** Göttingen, Germany - Freya Santana Cubas, Msc (2022)
Project: "Habitat use analysis of the Angolan giraffe (*Giraffa giraffa angolensis*) in the Kalahari ecosystem"
- Smithsonian Mason School for Conservation** - Carter Marsh, BS (2021)
- Smithsonian Mason School for Conservation** - Jackie Batchelor, BS (2020)

Seminars and Professional Meetings

- International Congress for Conservation Biology, Kigali, Rwanda – 2023
Presentation: "A Pan African Perspective of Giraffe Space Use Across Ecological and Anthropogenic Disturbance Gradients: Conservation Implications for Mobile Species"
- Giraffe Care Workshop, Colorado Springs, Colorado, U.S.A. – 2022
Presentation: "Where the Wild Things Are: In Situ Giraffe Behaviour Insights for Ex Situ Care"
Presentation: "A Voice for Giraffe: Giraffe Conservation Foundation"
- European Congress for Conservation Biology, Prague, Czech Republic - 2022
Presentation: "The Twiga Tracker Initiative: Merging Site Specific Conservation Management with Continental Scale Ecological Studies for Giraffe"
- EarthRanger User Conference, Johannesburg, South Africa - 2021
Presentation: "From Spots to Satellites: Maximizing the Impact of Technology on Giraffe Conservation"
Recipient of Conservation Technology Award
- EarthRanger User Conference, Virtual, 2020
Presentation: "The Twiga Tracker Initiative: Changing the Game for Wildlife Tracking Studies"
- International Giraffid Conference, Columbus Zoo, Columbus, OH ~ 2019
Presentation: "Navigating the Foraging Landscape: Small Scale Decisions with Large Scale Implications"
- North American Congress for Conservation Biology, Toronto, Ontario, CA ~ 2018
Poster Presentation: "All the Eggs in One Basket: A countrywide assessment of current and historical Rothschild's distribution in Uganda"
- Giraffe Conservation Science Symposium, Smithsonian Conservation Biology Institute, Front Royal, Virginia ~ 2018
- Murchison Falls National Park Researcher Symposium, MFNP ~ 2017
Presentation: "Understanding Giraffe in Murchison Falls National Park: Ecological Studies and Conservation Initiatives"

Ugandan National Giraffe Species Conservation Strategy and Action Plan Stakeholder Workshop, Entebbe ~ 2017

Presentation: "Giraffe Population Status in Uganda: Placing Contemporary Trends in a Historical Context"

International Giraffid Conference, Brookfield Zoo, Chicago - 2016

Presentation: "Understanding Giraffe Populations in the Context of Resource Distribution: An Examination of Rothschild's Giraffe in Murchison Falls National Park, Uganda

Giraffe Indaba, Southern African Wildlife College, Hoedspruit - 2015

Presentation: "Examining the Population Ecology of Rothschild's Giraffe in Murchison Falls National Park, Uganda

IUCN Giraffe and Okapi Specialist Group Meeting, Southern African Wildlife College -2015

5th Annual Grevy's Zebra Research and Conservation Conference, Nairobi ~ 2013

Presentation: " Grevy's Zebra Space Use and Movement Ecology: Implications for Conservation Strategy"

Presentation: " Grevy's Zebra stripe recognition surveys in Meibae, Kalama and Westgate Conservancies"

Student Conference on Conservation Science, New York ~ October 2011

Student Conference on Conservation Science, New York ~ October 2010

Smithsonian Institution: Seminar on Tropical Extinction Crisis ~ February 2009

Media and Recorded Lectures

"A High-Tech Approach to Giraffe Conservation" Smithsonian Voices ~ Author and Photographer

"Giraffes range across diverse African habitats – we're using GPS, satellites and statistics to track and protect them" The Conversation ~ Author and Photographer

"Rare spotless giraffe born in Tennessee Zoo" WBUR Here and Now Radio Show ~ Interviewed

"The downside of giraffes' long necks" WBUR Endless Threads Podcast ~ Interviewed

"Giraffe Conservation in Uganda" Exploring By the Seat of Your Pants ~ Lecturer

The Possibilists Podcast ~ Interviewed

"Faces of Africa – Giraffe: A Silent Extinction" CGTN : April 2021 ~ Contributing Video Footage

"Sustaining Giraffe Populations" Talk: Wildlife Podcast: February 2021 ~ Interviewed

"Dwarf Giraffes Astound Researchers, Bring Awareness to Giraffe Conservation" Constant Wonder Podcast: February 2021 ~ Interviewed

"Gimli and Nigel: The half-sized giraffes" BBC World Service Newsday : January 2021 ~ Interviewed

"Dwarf Giraffes Discovery Surprises Scientists" The New York Times : January 2021 ~ Interviewed, Photographer

"Dwarf Giraffes Found in the Wild for the First Time" IFL Science : January 2021 ~ Interviewed, Photographer

"Scientists Report First Instances of Dwarf Giraffes" Smithsonian Magazine: January 2021 ~ Interviewed, Photographer

"Dwarf Giraffe Seen in Namibia and Uganda" Africa Geographic : January 2021 ~ Interviewed, Photographer

"Standing Tall for Giraffe Conservation" Conservation Careers. June 2020 ~ Interviewed, Photographer

"Giraffe Conservation in Uganda" Exploring By the Seat of Your Pants : January 2020 ~ Interviewed

"Giraffes are Pretty Good Neighbors" LanParty Upload Podcast: Episode 12. July 2019 ~ Interviewed

"A Tall Order: Studying Giraffe Ecology and Conservation in the Savannas of Uganda". Suds and Science – Vermont Center For Ecostudies. March 2019 ~ Presenter

"A Safe Place for Giraffe". Cleveland Zoological Society Newsletter. February 2019 ~ Photographer

"Study looks at giraffe populations". The Dartmouth. November 9, 2018 ~ Interviewed

"Saving the neck of Rothschild's giraffe". The Economist. October 26, 2018 ~ Interviewed

"Conservation Without Borders" Podcast with Dr. Haley Adams: Episode 13. November 2017 ~ Interviewed

"Translocating World's Tallest Animals No Walk in the Park". The Kampala Observer. August 2017 ~ Interviewed

"How a Tiny Worm is Irritating the Most Majestic of Giraffes". Smithsonian.com. May 2017 ~ Interviewed

"To Save Giraffes, We May Need to Put Our Necks Out". Smithsonian Magazine (online version). March 2017 ~ Interviewed

"A Little Less Endangered". WildView: Wildlife Conservation Society Photoblog. June 2015 ~ Contributor

"Hidden in Plains Site". WildView: Wildlife Conservation Society Photoblog. March 2016 ~ Contributor

"Death in the Bush". WildView: Wildlife Conservation Society Photoblog. March 2015 ~ Contributor

"Different Stripes for Different Species". WildView: Wildlife Conservation Society Photoblog. December 2014 ~ Contributor

"Scrubland Sojourners". WildView: Wildlife Conservation Society Photoblog. July 2014. ~ Contributor

Invited Lectures

Undergraduate Course on Conservation in the Genomics Age – Brown University ~ October 2022

Undergraduate Course on Conservation Professional Development – Smithsonian Mason School ~ October 2022

"Lessons in International Conservation"

Undergraduate Course on Conservation Successes – University of Virginia ~ September 2022

"Moving Giants: The Recovery of Uganda's Critically Endangered Nubian Giraffe"

Graduate Seminar on Ecology and Conservation -University of Glasgow ~ June 2022

Graduate Seminar on Ecology and Conservation- University of North Carolina ~ February 2019

"Conservation in Practice: The Science and Art of Translating Ecological Understanding into Conservation Strategy"

Dartmouth College: Spatial Thinking in Ecology and Conservation- Dartmouth College~ Hanover, New Hampshire - February 2019 "Animal Borne Tracking Units for Movement Ecology Studies"

Dartmouth College Photography Course- Dartmouth College~ Hanover, New Hampshire - May 2018
"Photography and Conservation Ecology"

Brain Buzz at White River Junction Co-Op ~ Vermont ~ May 2016
"Contemporary Conservation: Balancing Energy Needs and Biodiversity"

University of Florida Field Course ~ Mpala Research Centre~ June 2014:
"Striped Horses and Biology Courses: Understanding Zebra Ecology in Laikipia and Exploring Careers in Conservation"

Princeton University Field Course~ Mpala Research Centre ~ March 2014
"Striped Horses and Biology Courses: One Man's Unfinished Journey Along the Path to Zebras"

Daraja Academy ~ Daraja Academy, Laikipia, Kenya ~ September 2013
"Striped Horses and Biology Courses: Understanding Zebra Ecology in Laikipia and Exploring Careers in Conservation"

Karatina University Field Course ~ Mpala Research Centre ~ September 2013:
"Understanding Zebra Ecology in Laikipia"

Earthwatch ~ Mpala Research Centre ~ October 2013
"Grevy's Zebra: Understanding and Endangered Equid"

Complutense University of Madrid Field Course ~ August 2013:
"Grevy's Zebra: Understanding and Endangered Equid"

Laikipia Community Conservation Day ~ Mpala Research Centre ~ July 2013:
"Population Monitoring of Grevy's Zebra on Laikipia Ranches: Implications for Conservation Planning"

Awards and Appointments

Eagle Scout (2005)

Co-Chair of International Union for Conservation of Nature (IUCN) Giraffe and Okapi Specialist Group (2024-Present)

Member of International Union for Conservation of Nature (IUCN) Giraffe and Okapi Specialist Group (2015-Present)

Dartmouth Center for the Advancement of Learning ~ Excellence in Graduate Teaching and Mentorship (2018)