

Wendy M. Erb

Postdoctoral Associate

2020-2021 Cornell Faculty Fellow in Engaged Research

K. Lisa Yang Center for Conservation Bioacoustics, Cornell University

Lab of Ornithology, 159 Sapsucker Woods Rd, Ithaca, NY, 14850

wendyerb@cornell.edu | <http://wendyerb.weebly.com>

Education

2012 Ph.D. | Anthropological Sciences | Stony Brook University
2006 M.A. | Anthropological Sciences | Stony Brook University
2001 B.S. | Zoology (*Magna Cum Laude*) | The Ohio State University

Professional Appointments & Affiliations

2019–present Postdoctoral Associate | Lab of Ornithology | Cornell University
2018 Instructor | Ecology, Evolution & Environmental Biology | Columbia University
2018–present Research Associate | Borneo Nature Foundation
2016–present Research Associate | Anthropology | Rutgers University
2015–2019 Co-Director | Conserving Orangutans through Research & Education (CORE Borneo)
2014–2016 Co-Director | Primates in Indonesia Study Abroad Program | Rutgers University
2013–2016 Postdoctoral Associate | Anthropology | Rutgers University
2012 Adjunct Assistant Professor | Anthropology | CUNY – Lehman College

Publications

Refereed Journal Articles

Erb, WM, LM Porter. 2020. Variable infant care contributions in cooperatively breeding groups of wild saddleback tamarins. *American Journal of Primatology*. 82: e23190

Naumenko, DJ, M Watford, **WM Erb**, SS Utami Atmoko, ER Vogel. 2020. Evaluating ketosis in primate field studies: validation of urine test strips in wild Bornean orangutans, *Pongo pygmaeus wurmbii*. *Folia Primatologica*. 91: 159–167.

Erb, WM, EJ Barrow, AN Hofner, SS Utami Atmoko, ER Vogel. 2018. Wildfire smoke impacts activity and energetics of wild Bornean orangutans. *Scientific Reports*. 8: 7606.

Erb, WM, LM Porter. 2017. Mother's little helpers: What we know (and don't know) about cooperative infant care in callitrichines. *Evolutionary Anthropology*, 26 (1): 25-37.

Vogel, ER, SE Alavi, SS Utami Atmoko, MA van Noordwijk, TD Bransford, **WM Erb**, A Zulfa, F Sulisty, WR Farida, JM Rothman. 2017. Nutritional ecology of wild Bornean orangutans in a peat swamp habitat: effects of age, sex, and season. *American Journal of Primatology*, 79 (4): e22618.

Erb, WM, T Ziegler, NS Lestari, K Hammerschmidt. 2016. Are simakobu (*Simias concolor*) loud calls energetically costly signals? *American Journal of Physical Anthropology*. 161 (1): 44-52.

Erb, WM, JK Hodges, K Hammerschmidt. 2013. Individual, contextual and age-related acoustic variation in simakobu (*Simias concolor*) loud calls. *PLOS ONE*. 8 (12): e83131.

Erb, WM, C Borries, NS Lestari, JK Hodges. 2012. Annual variation in ecology and reproduction of wild simakobu (*Simias concolor*). *International Journal of Primatology*. 33 (6): 1406-1419.

Erb, WM, C Borries, NS Lestari, T Ziegler. 2012. Demography of simakobu (*Simias concolor*) and the impact of human disturbance. *American Journal of Primatology*. 74 (6): 580-590.

Refereed Book Chapters

Grueter, CC, **WM Erb**, LR Ulibarri, I Matsuda. 2022. Ecology and behaviour of odd-nosed colobines. *The Colobines: Natural History, Behaviour and Ecological Diversity*, Cambridge University Press. pp. 156-185.

Encyclopedia Entries

- Erb, WM.** 2017. Demography. In Fuentes, A (ed.) *The International Encyclopedia of Primatology*. John Wiley & Sons, Inc.
- Erb, WM.** 2018. Demography in primatology. In Trevathan, W (ed.) *The International Encyclopedia of Biological Anthropology*. John Wiley & Sons, Inc. Conference Proceedings

Conference Proceedings

- Porter, LM, **WM Erb**. 2019. Inter- and intra-group variation in infant transport in wild Weddell's saddleback tamarins (*Leontocebus weddelli*) in northwestern Bolivia. *American Journal of Physical Anthropology*. 168(S68): 193.
- Erb, WM**, T Mitra-Setia, ER Vogel. 2018. Determinants of flanged male orangutan ranging: ecology, energetics, and male competition. *American Journal of Physical Anthropology*. 165(S66): 79.
- Naumenko, DJ, M Watford, **WM Erb**, ER Vogel. 2016. Validation of urine test strips to measure relative ketone body levels in wild Bornean orangutans, *Pongo pygmaeus wurmbii*. *American Journal of Physical Anthropology*. 159(S62): 238-239.
- Porter, LM, **WM Erb**, CL Saire, LM Hernani-Lineros, EE Virgin, A Di Fiore. 2015. Spatial and temporal dynamics among groups of wild Bolivian saddleback tamarins (*Saguinus weddelli*). *American Journal of Physical Anthropology*. 156(S60): 255-6.
- Erb, WM**, MA van Noordwijk, T Mitra-Setia, TD Bransford, B Spillman, LP Dunkel, M Emery Thompson, ER Vogel. 2015. Energetic effects on the long calls of adult male Bornean orangutans (*Pongo pygmaeus wurmbii*)? *American Journal of Physical Anthropology*. 156(S60): 129.
- Vogel, ER, JM Rothman, AM Moldawer, TD Bransford, M Emery Thompson, MA van Noordwijk, SS Utami Atmoko, BE Crowley, CD Knott, **WM Erb**, D Raubenheimer. 2015. Coping with a challenging environment: nutritional balancing, health, and energetics in wild Bornean orangutans. *American Journal of Physical Anthropology*. 156(S60): 314-315.
- Erb, WM**, C Borries, NS Lestari, T Ziegler. 2011. Demography and dispersal of Simakobu (*Simias concolor*) and the impact of human disturbance. *American Journal of Primatology*. 73: 28.
- Erb, WM**, T Ziegler, K Hammerschmidt. 2010. Do loud calls reflect energy status in male simakobu monkeys (*Simias concolor*)? *American Journal of Physical Anthropology*. 141(S50): 101.
- Erb, WM.** 2008. Male-male competition in simakobu monkeys (*Simias concolor*): The role of loud calls. *Primate Eye*. 96: 24.
- Erb, WM.** 2006. Patterns and variation in long-distance communication of simakobu monkeys (*Simias concolor*) on Siberut Island, Indonesia - a pilot study. *American Journal of Physical Anthropology*. 129(S42): 87.
- Erb, WM.** 2005. Preliminary investigation of seed dispersal by red-fronted brown lemurs (*Eulemur fulvus rufus*) in Ranomafana National Park, Madagascar. *American Journal of Physical Anthropology*. 126(S40): 100.

Manuscripts in Preparation

- Erb, WM**, J Lecorchick, T Mitra-Setia, EJ Barrow, AN Hofner. Wildfire smoke causes vocal changes in wild Bornean orangutans. (In Review, *Current Biology*, Dec. 2021)
- Erb, WM**, A Hingorani, G Bohn, RA Charif, H Klinck, D Clink. Propagation loss and detection distances of the long-distance calls of Borneo's apes (13 pages, planned submission to *Methods in Ecology and Evolution*, Feb. 2022)
- Erb, WM**, Ross, W, Kazanecki, H, Mitra-Setia, T, Vogel, ER, Madhusudhana, S, Clink, DJ, Klinck, H. An evaluation of vocal complexity in the long calls of Bornean orangutans (16 pages, planned submission to *Animal Behaviour*, Feb. 2022)
- Erb, WM**, AN Hofner, T Mitra-Setia, ER Vogel. Determinants of flanged male orangutan ranging: ecology, energetics, and competition (14 pages, planned submission to *Journal of Animal Ecology*, Apr. 2022)

Other Publications

- Erb, WM**, K Ossi-Lupo, G McCabe, D Fernández. 2011 Annual meeting of the American Society of Primatologists. *Evolutionary Anthropology*. 21 (1): 3-4.

- Lestari, NS, **WM Erb**. 2011. Identification and composition of feeding plant species of simakobu (*Simias concolor*) in northern Siberut Mentawai Archipelago. *Widyariset*. 14 (2): 323-332.
- Erb, WM**. 2008. Conservation Small Grant Award Report: Behavioral ecology of simakobu monkeys (*Simias concolor*) in northern Siberut, Indonesia. *ASP Bulletin*. 32 (1): 8-10.
- Erb, WM**, EM St. Clair, M Jonas. 2006. From syntax to synapomorphies. *Evolutionary Anthropology*. 15 (4): 119-120.

Grants & Awards

Awards

- 2010 Sherwood Washburn Prize for Outstanding Student Research, American Association of Physical Anthropologists
- 2005 Primate Interest Group Student Prize Honorable Mention, American Association of Physical Anthropologists

Fellowships

- 2021 Fulbright Senior Scholar Fellowship (ASEAN Research Program)
- 2020 Engaged Cornell, Faculty Fellowship in Engaged Research
- 2019 American Association of University Women, Postdoctoral Research Fellowship
- 2019 American Institute for Indonesian Studies, AIFIS-Luce Fellowship
- 2018 British Academy's Visiting Fellowship (hosted by University of Exeter, UK)
- 2016 Fulbright Senior Scholar Fellowship (Indonesia Research Science and Technology)
- 2010 American Association of University Women, American Dissertation Fellowship (Alternate)
- 2005 National Science Foundation, Graduate Research Fellowship (Honorable Mention)

Research & Conservation Grants

- 2021 Megacity migration: Social-ecological impacts of relocating Indonesia's capital city to a global bio-cultural hotspot | *Atkinson Sustainable Biodiversity Fund*, \$3,300
- 2020 Bioacoustics for landscape-scale Bornean ape conservation | *Conservation, Food and Health Foundation*, \$30,000 (co-PI's Harrison, Riyan)
- 2020 Megacity migration: social-ecological impacts of relocating Indonesia's capital city to a global bio-cultural hotspot | *Cornell Migrations Initiative*, \$110,391 (co-PI's Klinck, Allred, Beard)
- 2019 Integrating ecological & ethnographic research for conservation in a threatened Bornean landscape | *British Academy*, £9,000
- 2018 Population monitoring of endangered apes to support protection of a threatened Bornean landscape | *Margot Marsh Biodiversity Fund - Conservation International*, \$10,000
- 2018 Population monitoring of endangered apes to support protection of a threatened Bornean landscape | *International Primatological Society Conservation Grant*, \$2,000
- 2018 Bioacoustic monitoring of endangered apes to support protection of a threatened Bornean landscape | *American Association of Physical Anthropologists Cobb Professional Development Grant*, \$7,500
- 2016 The integration of research & environmental education to promote Bornean orangutan conservation | *Primate Action Fund - CI*, \$2,500 (PI; co-PI's Vogel, Sugardjito, Atmoko)
- 2015 The integration of research & environmental education to promote Bornean orangutan conservation | *Primate Conservation Inc.*, \$2,075 (PI; co-PI's Vogel, Sugardjito, Atmoko)
- 2014 Saving orangutans with local partners | *Disney Worldwide Conservation Fund*, \$24,950 (PI; co-PI's Vogel, Sugardjito, Atmoko)
- 2014 Direct and indirect fitness benefits of cooperative behavior in wild saddleback tamarins | *Goldberg Research Grant*, \$10,000 (PI; co-PI's Porter & Di Fiore)
- 2013 A training & professional development workshop for Bolivian Biologists | *Primate Action Fund - Conservation International*, \$3,500 (co-PI Porter)
- 2012 Fitness benefits of cooperative behavior in Bolivian saddleback tamarins | *The Leakey Foundation*, \$22,000 (co-PI's Porter & Di Fiore)

- 2008 Population genetics of simakobu (*Simias concolor*) in northern Siberut, Indonesia | *Primate Action Fund - Conservation International*, \$3,500
- 2008 Male-male competition in simakobu monkeys (*Simias concolor*): Strategies & signals | *National Science Foundation DDIG* (BCS-0752504), \$12,818 (PI; co-PI Borries)
- 2008 Behavioral ecology of simakobu monkeys (*Simias concolor*) in northern Siberut, Indonesia | *Margot Marsh Biodiversity Fund - Conservation International*, \$10,000
- 2008 Behavioral ecology of simakobu monkeys (*Simias concolor*) in northern Siberut, Indonesia | *Primate Conservation, Inc.*, \$2,500
- 2007 Behavioral ecology of simakobu monkeys (*Simias concolor*) in northern Siberut, Indonesia | *Primate Action Fund - Conservation International*, \$4,000
- 2007 Behavioral ecology of simakobu monkeys (*Simias concolor*) in northern Siberut, Indonesia | *American Society of Primatologists Research Grant*, \$1,500
- 2006 Behavioral ecology of simakobu monkeys (*Simias concolor*) in northern Siberut, Indonesia | *Margot Marsh Biodiversity Fund - Conservation International*, \$22,000
- 2005 Intergroup aggression & long-distance communication in simakobu monkeys (*Simias concolor*) | *Primate Action Fund - Conservation International*, \$2,500
- 2005 Intergroup aggression & long-distance communication in simakobu monkeys (*Simias concolor*) | *Primate Conservation, Inc.*, \$2,000
- 2005 Intergroup aggression & long-distance communication in simakobu monkeys (*Simias concolor*) | *Interdepartmental Doctoral Program in Anthropological Sciences*, \$700

Invited Talks & Guest Lectures

- 2021 Virtual Seminar | CATA Research Group, Université Clermont Auvergne, France
- 2021 Virtual Lecture | Indonesia Fulbright Day, Fulbright's 75th Anniversary, Jakarta, Indonesia
- 2021 Virtual Seminar | Veterinary Medicine Department, Brawijaya University, Indonesia
- 2021 Virtual Seminar | Primate Research Center, Bogor Agricultural Institute, Indonesia
- 2021 Virtual Lecture | Forestry Department, Instiper Yogyakarta College, Indonesia
- 2021 Virtual Lecture | Wildlife Series, @america, U.S. Embassy, Indonesia
- 2021 Virtual Seminar | Wildlife Laboratory, Gadjah Mada University, Indonesia
- 2020 Research Seminar | Wildlife Ecology Lab, Mulawarman University, Indonesia
- 2019 Research Seminar | Behavioral Ecology Group, Stony Brook University
- 2018 Research Seminar | New York Regional Primatology Colloquium, CUNY Graduate Center
- 2018 Research Seminar | Center for Ecology and Conservation, University of Exeter, U.K.
- 2018 Research Seminar | Integrative Conservation PhD Program (ICON), University of Georgia
- 2018 Research Seminar | Anthropology Department, Sacramento State University
- 2017 Research Seminar | Anthropology Department, University of Texas at San Antonio
- 2017 Department Colloquium Series | Anthropology Department, University of Massachusetts
- 2017 Fulbright Research Presentation | Primate Research Center, National University, Indonesia
- 2017 Primate Research Symposium | Forestry Department, Gadjah Mada University
- 2017 Public Lecture: Primate Research Group | Forestry Department, Gadjah Mada University
- 2017 Public Lecture | School of Science & Mathematics, Diponegoro University, Indonesia
- 2017 US Embassy in Malaysia Speaker Series | The Sabah Society, Sandakan, Malaysia
- 2017 US Embassy in Malaysia Speaker Series | Sepilok Orangutan Rehabilitation Center, Malaysia
- 2017 Research Seminar | School of Veterinary Medicine, Gadjah Mada University
- 2017 Research Seminar | Anthropology Department, The University of Auckland, New Zealand
- 2017 Research Seminar | School of Social Sciences, Auckland University of Technology, N.Z.
- 2017 Research Seminar | Institute of Natural and Mathematical Sciences, Massey University, N.Z.
- 2017 Public Symposium: Climate Change Mitigation | National University
- 2017 Anthropology Colloquium | Anthropology Department, Washington University
- 2016 Public Symposium: Wildlife Conservation | Muhammadiyah Palangkaraya University
- 2016 Guest Lecture: Primate Conservation | Biology Department, National University
- 2016 Symposium: Protected Forest Management | Kapuas Agriculture & Forestry, Indonesia

- 2016 Biological Sciences Colloquium | Biological Sciences Department, Fordham University
- 2015 Public Lecture | Anthropology Department, CUNY – Hunter College
- 2015 International Seminar: Food & Environmental Security | National University
- 2015 Research Seminar: Topics in Animal Behavior | University of Pennsylvania
- 2015 Public Lecture | Forestry Department, Palangka Raya University
- 2013 Symposium: Indonesian Wildlife Conservation | Biology Department, National University
- 2008 Research Seminar | Dept. Veterinary Medicine, Bogor Agricultural Institute, Indonesia
- 2007 Research Seminar | Reproductive Biology Department, German Primate Center, Germany
- 2006 Research Seminar | Forest Resources Conservation Dept., Bogor Agricultural Institute

Conference Participation

- 2022 Canaries in the coal mine: Borneo’s apes signal threats from fire and haze. *International Primatological Society*, Quito, Ecuador.
- 2021 Wildfire smoke causes vocal changes in orangutans. *Animal Behavior Society*, Virtual.
- 2021 An evaluation of acoustic complexity in the long calls of Bornean orangutans. *Animal Behavior Society*, Virtual.
- 2019 Population monitoring of endangered gibbons and orangutans to support protection of the Rungan landscape. *Integrating ecological & ethnographic research to develop effective conservation in the threatened Rungan landscape*, Palangka Raya, Indonesia.
- 2018 Determinants of flanged male orangutan ranging: ecology, energetics, & male competition. *American Association of Physical Anthropologists*, Austin, TX.
- 2017 Wildfire smoke negatively impacts activity budgets and energy balance of wild Bornean orangutans (*Pongo pygmaeus wurmbii*). *Northeastern Evolutionary Primatologists*, New Haven, CT.
- 2017 Creating conservation partnerships between research stations and local communities. *Engaging Conservation Across Difference: Communities, Science, and Customary Rights in Indonesia*, Jakarta, Indonesia.
- 2017 Effects of forest fire haze on the health and behavior of Bornean orangutans. *Mid-Year Enrichment Conference for American Fulbright Students and Scholars in Southeast Asia*, Manila, Philippines.
- 2016 Wildfire smoke affects wild Bornean orangutan long calls. *International Primatological Society / American Society of Primatologists*, Chicago, IL.
- 2015 Energetic effects on the long calls of adult male Bornean orangutans (*Pongo pygmaeus wurmbii*)? *American Association of Physical Anthropologists*, St. Louis, MO.
- 2014 Do long calls indicate male energy status in Bornean orangutans (*Pongo pygmaeus wurmbii*)? *Northeastern Evolutionary Primatologists*, New Brunswick, NJ.
- 2014 Do long calls indicate male energy status in Bornean orangutans (*Pongo pygmaeus wurmbii*)? *International Primatological Society*, Hanoi, Vietnam.
- 2012 Loud calls as honest signals of male energy status in simakobu (*Simias concolor*). *International Primatological Society*, Cancun, Mexico.
- 2011 Demography and dispersal of Simakobu (*Simias concolor*) and the impact of human disturbance. *American Society of Primatologists*, Austin, TX.
- 2010 Are male loud calls costly signals in a folivorous primate (*Simias concolor*)? *Animal Behavior Society*, Williamsburg, VA.
- 2010 Do loud calls reflect energy status in male simakobu monkeys (*Simias concolor*)? *American Association of Physical Anthropologists*, Albuquerque, NM.
- 2008 Male-male competition in simakobu monkeys (*Simias concolor*): The role of loud calls. *International Primatological Society*, Edinburgh, U.K.
- 2006 Patterns and variation in long-distance communication of simakobu monkeys (*Simias concolor*) on Siberut Island, Indonesia - a pilot study. *American Association of Physical Anthropologists*, Anchorage, AK.

2005 Preliminary investigation of seed dispersal by red-fronted brown lemurs (*Eulemur fulvus rufus*) in Ranomafana National Park, Madagascar. *American Association of Physical Anthropologists*, Milwaukee, WI.

Campus Talks

2021 CCB Virtual Sound Analysis Workshop (Malaysia) | Cornell Lab of Ornithology
2020 Migrations: A Global, Interdisciplinary, Multi-Species Examination | Cornell University
2020 Migrations: Understanding the Implications of a World on the Move | Cornell University
2020 Southeast Asia Program, Gatty Lecture Series | Cornell University
2019 Center for Conservation Bioacoustics | Cornell University
2013 Department of Anthropology Speaker Series | Rutgers University
2013 Wednesday Workshops in Anthropology | Rutgers University

Teaching & Mentoring

Instructor of Record

2018 Primate Sexuality (1 lecture section) | Columbia University
2012 Intro to Human Evolution (1 lecture + lab section) | Lehman College

Lab Instructor

2006–2009 Intro to Physical Anthropology (6 lab sections) | Stony Brook University
2004 The Living World (1 lab section) | Stony Brook University
2003 Organisms to Ecosystems (2 lab sections) | Stony Brook University

International Field Program Director & Instructor

2021 Borneo Field Course (Virtual) | University of Exeter
2020 Borneo Field Course (Indonesia) | University of Exeter
2017–present Mungku Baru Biodiversity Expedition (Indonesia) | Borneo Nature Foundation
2013–2016 Primates, Ecology & Conservation in Indonesia (Indonesia) | Rutgers University
2014 Behavior & Conservation of Bolivian Primates (Bolivia) | Universidad Amazónica de Pando

Thesis Advisor / Mentor

2021–present Acoustic indices of Bornean habitat types (Kieran Swain - Masters) | University of Exeter
2021–present Ethnoprimatology in Rungan landscape (Kristen Morrow - PhD) | University of Georgia
2020–present Passive acoustic monitoring of gibbons (Alasdair Owens - Masters) | University of Exeter
2020 Acoustic estimates of avian biodiversity (Hannah Green - Masters) | Plymouth University
2020 Orangutan long call acoustics (Ashley Lauria - Masters) | Oxford-Brookes University
2016–2018 Orangutan parasite diversity (Asy Falah - Honors) | Universitas Gadjah Mada
2016–2018 Orangutan parasite diversity (Putri Dwi - Honors) | Universitas Gadjah Mada
2016–2018 Orangutan parasite diversity (Rahmadila Rahardiani - Honors) | Universitas Gadjah Mada
2014–2016 Red langur vocal repertoire (Larissa Salaki - Masters) | Universitas Indonesia
2014–2016 Orangutan long call acoustics (Emily Martines - Honors) | Rutgers University
2009–2012 Simakobu genetics (Fauzan Syamsuri - Masters) | Universitas Indonesia
2010 Simakobu dawn calling (Sybil Baby - Masters) | Stony Brook University

Research Experience

2018–present Ape population monitoring | Mungku Baru Education Forest, Borneo, Indonesia
Collect bioacoustic and habitat data across diverse forest types; establish ecological monitoring system for endangered gibbon and orangutan populations in a threatened Bornean landscape; Collaborators: Frank Van Veen, Mark Harrison, Bernat Ripoll
2016–2017 Orangutan parasitology | Veterinary Medicine Department, UGM, Indonesia

- 2014–2016 Examined Bornean orangutan fecal samples for gastrointestinal parasite diversity via sedimentation and trichrome-staining; Collaborators: Wisnu Nurcahyo, Ivona Foitova
Orangutan energetics & stress | Hominoid Reproductive Ecology Lab, University of New Mexico; Laboratory for Primate Dietary Ecology & Physiology, Rutgers University
Analyzed urine samples from Bornean orangutans to assess C-peptide, creatinine, cortisol, testosterone using radioimmunoassay (RIA), enzyme-linked immunosorbent assay (ELISA) and colorimetric Jaffe reactions; Collaborators: Erin Vogel, Melissa Emery Thompson
- 2013–2016 Orangutan long calls, energy, & health | Tuanan Research Station, Borneo, Indonesia
Collected behavioral, ranging, and acoustic data, fecal and urine samples from male orangutans; Collaborators: Erin Vogel, Tatang Mitra-Setia, Sri Suci Utami Atmoko
- 2013–2014 Tamarin cooperative infant care | Tahuamanu, Pando, Bolivia
Co-directed field research involving collection of behavioral, ranging, and genetic data from saddleback tamarins (*Leontocebus weddelli*); Collaborators: Leila Porter, Tony Di Fiore
- 2006, 2009 Acoustic analysis of simakobu loud calls | Cognitive Ethology Unit, German Primate Center
Analyzed acoustic features of simakobu (*Simias concolor*) loud calls recorded during 2005-2008 fieldwork; Collaborators: Julia Fischer, Kurt Hammerschmidt
- 2005–2008 Male-male competition in simakobu | Pungut, Siberut Island, Indonesia
Habituated, collected behavioral, demographic, ranging and acoustic data from 10 simakobu groups; established botanical plots, created herbarium, and collected phenological data
- 2004 Brown lemur seed dispersal | Ranomafana National Park, Madagascar
Collected behavioral and ranging data from red-fronted brown lemur groups (*Eulemur fulvus rufus*); collected and analyzed fecal samples for seeds; conducted seed germination trials

Professional Service

- 2021 Selection panelist | Fulbright Indonesia Master's Degree Program
- 2021 Selection panelist | Fulbright U.S. Visiting Scholar to Indonesia
- 2019 Conference organizer | “Integrating Ecological and Ethnographic Research for Effective Conservation of the Threatened Rungan Landscape”, Palangka Raya, Indonesia
- 2018–present Member | IUCN SSC Primate Specialist Group: S.E. Asia Section
- 2018–2019 Mentor for high school girls | 1000 Girls, 1000 Futures | New York Academy of Sciences
- 2018–2019 Mentor | Student Conference on Conservation & Science | AMNH
- 2017 Conference organizer | “Engaging Conservation Across Difference: Communities, Science, and Customary Rights in Indonesia”, Jakarta, Indonesia
- 2016–present Member | Ad hoc committee on diversity | International Primatological Society
- 2016–2019 Mentoring circle leader | Women in Natural Sciences, American Museum of Natural History
- 2015–present Member | Conservation committee | American Society of Primatologists
- 2015–present Scientific advisory board member | Primate Conservation, Inc.
- 2013–present Associate member | Center for Human Evolutionary Studies | Rutgers University
- 2010–present Grant reviewer | Primate Conservation, Inc.; Graduate Women in Science; American Society of Primatologists
- 2005–present Manuscript reviewer | American Journal of Primatology; Animal Behaviour; Behavioral Ecology; Behaviour; Cambridge University Press; Current Biology; Ecosphere; Evolutionary Anthropology; Folia Primatologica; International Journal of Primatology; Oxford University Press; PLOS One; Primate Conservation

University Service

- 2021 Selection panelist | Cornell Atkinson Center Sustainable Biodiversity Fund
- 2020–present Facilitator | DEIJ Committee | Center for Conservation Bioacoustics, Cornell University
Co-founded and advise committee to promote equity, diversity, inclusion, and justice
- 2014–2016 Faculty advisor | Rutgers University for Primate Conservation | Rutgers University
Co-founded and advised undergraduate student club

- 2015 Ambassador to Indonesia | Faculty and Staff Ambassadors Program | Rutgers University Outreach program to strengthen Rutgers' research and education partnerships in Indonesia
- 2013 Workshop organizer | Rutgers-UNAS Educational Partnership | Rutgers University Co-led organizational workshop for education partnership between Rutgers and Universitas Nasional
- 2003 General education assessment panelist | Provost | Stony Brook University Panel to assess effectiveness of and improve teaching methods in undergrad biology

Science Communication & Outreach

- 2021 Virtual Lecture: research & conservation | Lab of Ornithology Virtual Visitors' Center
- 2020 Virtual Lecture: research overview | AAUW, Long Island Chapter
- 2020 Virtual Lecture: primate research & conservation | Homey School, Palangkaraya (2nd grade)
- 2020 Virtual Lecture: preparing a review article | Writing in Ecology, University of Connecticut
- 2020 Virtual Lecture: primate research & conservation | Bishop Elementary, MI (2nd grade)
- 2020 Virtual Lecture: primate research & conservation | Pine Cobble School, MA (preschool)
- 2020 Virtual Lecture: primate research & conservation | Devereux Community Adult Autism Partnership Program, PA (autistic adults)
- 2020 Virtual Lecture: primate research & conservation | Washington Elementary, OH (2nd grade)
- 2020 Virtual Lecture: primate research & conservation | Arts and Letters School, NY (3rd grade)
- 2020 Virtual Lecture: primate research & conservation | Chabot Elementary, CA (2nd grade)
- 2019 Workshop: conservation bioacoustics | Student Conference for Conservation Science, NY
- 2019 Lecture: bioacoustics research & conservation | Mungku Baru School (high school)
- 2019 Lecture: preparing for academic life in the U.S. | Fulbright Pre-departure orientation | Jakarta, Indonesia (Indonesian student scholars)
- 2019 Lecture: primate research & conservation | Columbia Secondary School, NY (12th grade)
- 2019 Lecture: primate research and conservation | U.N. International School, NY (2nd grade)
- 2019 Workshop: academic writing (3 days) | Universitas Negeri Papua (faculty)
- 2017 Lecture: scientific publishing | Universitas Diponegoro (faculty)
- 2017 Workshop: scientific publishing (1 day) | Universitas Gadjah Mada (faculty)
- 2016 Lecture: careers in primatology | Medina High School, OH (10th grade)
- 2015–2016 Workshop: orangutan research & education | Kapuas, Indonesia (government)
- 2015–2016 Workshops: environmental education & forest conservation | Kapuas, Indonesia (7 villages)
- 2016 Guest scientist: Spotlight Asia | American Museum of Natural History (public)
- 2014–2015 Forest schools: peatland ecology & orangutan conservation | Tuanan, Indonesia (elementary school)
- 2013 Workshop: trash pollution education | Tuanan, Indonesia (elementary students)
- 2012 Lecture: primate conservation | Medina Middle School, OH (7th grade)
- 2004 Course: English language (weekly) | Ranomafana, Madagascar (adults)

Professional Development & Training

- 2018 Sound Analysis Workshop (5 days) | Lab of Ornithology, Cornell University
- 2018 Evidence-Based Teaching in Science (4 weeks) | Center for Teaching and Learning, Columbia University
- 2016 Creativity & Behavior Change (1 day) | Primate Education Network, International Primatological Society
- 2016 Conservation Teaching & Learning (3 days) | Network of Conservation Educators and Practitioners, American Museum of Natural History
- 2016 NextProf Science: Diversifying Academia (3 days) | University of Michigan
- 2015 Resource Assisted Initiatives in Science Empowerment for Women (1 year) | CUNY – Hunter College
- 2015 Early-Career Women's Professional Development (1 day) | American Association of Physical Anthropologists

Media Coverage

2021	Research featured in National Geographic: www.nationalgeographic.com/animals/article/how-does-wildfire-smoke-affect-wildlife
2021	Research featured in Wyoming Public Radio: ww.wyomingpublicmedia.org/open-spaces/2021-09-17/wildfires-can-still-impact-wildlife-hundreds-of-miles-away
2021	Research featured in Discover Magazine: www.discovermagazine.com/planet-earth/what-scientists-know-about-wildfire-smoke-and-its-impact-on-wild-animal
2019	Coverage of conference “Integrating ecological and ethnographic research for effective conservation of the threatened Rungan landscape” Kompas.com, Antara.com
2018	Coverage of article “Wildfire smoke negatively impacts activity budgets and energy balance of Wild Bornean orangutans” ScienceDaily.com, Phys.org, ScienceBlog.com, Futurity.org
2016	Interviewed for “Why aren't these lemurs singing in harmony?” Christian Science Monitor
2015	Interviewed for “Orangutans cup their mouths to alter their voices” BBC News

Languages

Gayogḥó:nq'	Elementary proficiency in reading and speaking
Dayak Ngaju	Elementary proficiency in reading and speaking
Spanish	Advanced fluency in reading, writing, and speaking
Indonesian	Advanced fluency in reading, writing, and speaking

Professional Memberships

American Association of Physical Anthropologists
 American Society of Primatologists
 Animal Behavior Society
 International Primatological Society

Professional References

Carola Borries | Research Associate Professor | Stony Brook University | carola.borries@stonybrook.edu
 Holger Klinck | Director, Center for Conservation Bioacoustics | Cornell | Holger.Klinck@cornell.edu
 Leila Porter | Professor | Northern Illinois University | lporter@niu.edu
 Frank van Veen | Associate Professor | University of Exeter | F.J.F.Van-Veen@exeter.ac.uk
 Patricia Wright | Distinguished Professor | Stony Brook University | patricia.wright@stonybrook.edu