



Arianne-Elise Harris

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PROFILE:

I'm a driven individual with an interest in wildlife conservation, sustainable resource use and science communication. My past work experiences have all been in research and education on environmental conservation both locally and internationally. My areas of expertise lie in wildlife population ecology and management, with a research focus on community level changes in modified landscapes. Other areas of interest include human/wildlife interactions and conflict, and science communication geared towards indigenous communities, children and the general public with a focus on education and awareness. My recent research project aimed to assess the long-term impacts of Reduced-Impact Logging (RIL) on wildlife communities in a neotropical rainforest.

ACADEMIC HISTORY:

- **Caribbean Secondary Examinations (CSEC):** Marian Academy Highschool (2008- 2013) science stream passes of Grade 1s and 2s inclusive of Mathematics, English A, English B, Biology, Human and Social Biology and Chemistry.
- **Associate degree in Environmental Science:** Queen's College 6th form school (2013- 2015) – CAPE: unit one (2014) and CAPE unit two (2015).
- **Bachelor's degree in Biology with a minor in Chemistry (BSc.) :** University of Guyana, Faculty of Natural Sciences, Department of Biology (2015 - 2019)
- **Doctor of Philosophy (Ph.D) in Biodiversity:** University of Guyana, School of Graduate Studies and Research (2019 – 2024)

EMPLOYMENT:

- **(2018-2019)** Part-time Lab Demonstrator in the Department of Biology, Faculty of Natural Sciences, University of Guyana
- **(2021-2023)** Part-time Tutor in the Department of Biology, Faculty of Natural Sciences, University of Guyana
- **(2023- 2024)** Full-time Instructor in the Department of Biology, Faculty of Natural Sciences, University of Guyana
- **(2024- current)** Full-time lecturer in the Department of Biology, Faculty of Natural Sciences, University of Guyana

PROFESSIONAL EXPERIENCE:

- **(2024 – 2024)** Mammologist on Rapid Inventory Assessment of the Acarai-Corentyne Corridor with the Field Museum, Chicago in collaboration with EPA Guyana, PAC and the University of Guyana.

- **(2020- 2024)** Lead researcher on a Forest Impact Monitoring project assessing RIL impacts on wildlife community (birds & mammals) changes in the Iwokrama rainforest, Guyana.
- **(2023-2024)** Consultant with GMCS education and awareness team aimed in education and awareness about wildlife and specific threats to mangrove habitats.
- **(2022-2023)** Consultant with BirdLife International: worked on a shorebird project aimed in the creation of an infographic promoting knowledge and awareness of shorebird migrations in Guyana.
- **(2021-2021)** Research assistant/ Protected Species Observer with WWF Guianas on an offshore baseline survey expedition of marine megafauna within Guyana's Economic Exclusive Zone (EEZ).
- **(2018 – 2018)** Research assistant with a qualitative research team studying human/black caiman conflicts and interactions in the North Rupununi, in collaboration with Caiman House and the University of Florida.
- **(2018 – 2019)** Lead researcher for a human/ black caiman conflict study in select villages along the Rupununi river the North Rupununi, in collaboration with Caiman House and the University of Florida.
- **(2017- 2019)** Research assistant with a qualitative research team studying Nature and well-being with the University of Kent.
- **(2017 – 2017)** Junior scientist for Operation Wallacea (OPWALL): Guyana research expedition
- **(2016 – 2016)** University of Guyana intern with Operation Wallacea (OPWALL): Guyana research expedition.

VOLUNTEER WORK AND SOCIETIES

- **(August 2026 – present)** Associate Editor for the Journal of Functional Ecology.
- **(2025- current)** Member of the Guild of Natural Science Illustrators
- **(2024 – present)** Member of the British Ecological Society
- **(2024 – 2026)** Associate editor (*Blog*) of Functional Ecologist. British Ecological Society.
- **(2017-2018)** Guyana Zoo education Volunteer

TRAININGS AND WORKSHOPS

- **(2026 – 2026)** *Ecosystem-based Adaptation: Working with nature to adapt to a changing climate.* Training certified by Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ), IUCN, International Union for Conservation of Nature, and the International Institute for Sustainable Development (IISD)
- **(2026 – 2026)** *Bird guide training.* Training certified by the Iwokrama International Centre and the Drexel Academy of Natural Sciences.
- **(2024- 2024)** *Key Biodiversity Areas.* Training certified by Rewild in collaboration with the Protected Areas Commission, Protected Areas Trust and the Environmental Protection Agency Guyana.
- **2023 – 2023)** *Shorebird Ecology and identification.* Training certified by Manomet, the Western Hemisphere Shorebird Reserve Network and Birdlife International
- **(2021-2021)** *Advanced statistical analysis and Bayesian regression, using R studio.* Training done by Boise State University.
- **(2019- 2019)** *Qualitative research techniques.* Training certified by the University of Florida.
- **(2019-2019)** *Scientific writing.* Training completed by the University of Guyana.

- **(2019-2019)** *The basics of Neotropical Forest botany*. Training certified by Iwokrama International Centre for Rainforest Conservation and Development.
- **(2018 – 2018)** *The creation of floral and faunal field guides*. Training certified by the Field Museum, Chicago.
- **(2018- 2018)** *R studio statistical data analysis for research work*. Training certified by the University of Florida.
- **(2018-2018)** *Wildlife fieldwork techniques: mist netting and species identification*. Training certified by with the University of Florida.
- **(2018-2018)** *Wildlife fieldwork techniques: large mammal camera trapping and species identification*. Training certified by the University of Florida.
- **(2017-2017)** Trained and certified as a Protective Species Observer with RPS Group.

TRANSFERABLE SKILLS:

- 7+ years' experience writing and editing proposals, reports and publications
- 7+ years' experience supporting and leading research teams
- 7+ years' experience in neotropical wildlife community sampling
- Microsoft word proficiency
- Microsoft Excel proficiency
- Microsoft PowerPoint proficiency
- Proficient in R-studio statistical software
- Familiar with Microsoft Access
- Familiar with Adobe Photoshop, Canva and Procreate for art /graphics for visual aid in communications and reporting.
- Works well with a team
- Good time management
- Easily motivated
- Articulate and engaging presenter
- Fast- learner
- Detail oriented
- Creative thinker

AWARDS AND GRANTS:

- **(2018 – 2018)** Recipient of a UG-WWF Guianas research grant for research on human/black caiman conflict and behaviour in the North Rupununi, Guyana.
- **(2019 – 2024)** Recipient of an Iwokrama Science Program scholarship for the pursuit of a PhD in Biodiversity at the University of Guyana.

PUBLICATIONS:

- (2025) Mammals – RI 32 Guyana: Acarai-Corentyne Corridor. (Chapter)
- (2025) Understorey bird responses to the abandonment of artisanal gold mining in Guyana. DOI: [10.1111/1365-2664.70148](https://doi.org/10.1111/1365-2664.70148)
- (2023) Use of logging roads by terrestrial mammals in a responsibly managed neotropical rainforest in Guyana. DOI: <https://doi.org/10.1016/j.foreco.2023.121401>
- (2023) Variable shifts in bird and bat assemblages as a result of reduced-impact logging revealed after 10 years. DOI: <https://doi.org/10.1111/1365-2664.14537>
- (2022) Influence of diet overlap and nest-site aggression on human- black caiman conflict in Guyana. DOI: <https://doi.org/10.1080/10871209.2022.2043491>
- (2022) Drivers of human- black caiman (*Melanosuchus niger*) conflict in Indigenous communities in the North Rupununi wetlands, southwestern Guyana. DOI: <https://doi.org/10.1111/csp2.12848>
- (2021) Using participatory video to share people's experiences of neotropical urban green and blue spaces with decision-makers. DOI: <https://doi.org/10.1111/geoj.12406>

CONFERENCES AND TALKS:

- (2026) Wildlife Ecology and Conservation (WEC) seminar: "Looking for El-Dorado: Conservation success stories and lessons from Guyana's logged rainforest". University of Florida.
- (2026) Tropilunch Seminar. University of Florida.
- (2025) The British Ecological Society: Annual Meeting. Oral Presentation: "Use of logging roads by terrestrial mammals in iwokrama"
- (2025) "The Gyaff" podcast appearance: "Conservation, wildlife conflict and balanced perspectives" <https://www.youtube.com/watch?v=mT5wK0aZPic&t=4518s>
- (2024) University of Guyana 3rd Annual Graduate Symposium – oral presentation
- (2022) University of Guyana 2nd Annual Graduate Symposium 2022: 5-minute competition
- (2022) "A Ticking Clock": Youth and Climate Webinar series
- (2020) Iwokrama Emerging Science Webinar Series : https://www.facebook.com/NCNGuyanaNews/videos/iwokrama-emerging-science-webinar-series-2/356688405384628/?locale=sw_KE
- (2021) Global BIOFEST: <https://www.youtube.com/watch?v=IjtHaPSG3xI>
- (2021) Caribbean Studies Association – Ecology Research Conference

REFERENCES:

- **Dr. Gyanpriya Maharaj (PhD)** – Director of the Centre for the Study of Biological diversity (CSBD), University of Guyana (gyanpriya.maharaj@uog.edu.gy).
- **Dr. Matt Hallett (PhD)** – Assistant Research Professor, Department of Wildlife Ecology and Conservation, University of Florida. (mhallett2320@ufl.edu)
- **Dr. Jake. E. Bicknell (PhD)** – Lecturer in Conservation Biology, School of Anthropology and Conservation, University of Kent. (J.E.Bicknell@kent.ac.uk)

