

MESHACH ANDRES PIERRE

CURRICULUM VITAE

FEB-2024

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EDUCATION

DEGREES

- 2023 **M.A. in Criminology, Law, and Society**, University of Florida (UF)
Department of Sociology and Criminology
Thesis: *"The conservation criminology of human-jaguar conflict in the
Rupununi region of Guyana: Risk, Tolerance, Guardianship,
and Stewardship"*
Certificate: *Tropical Conservation and Development Program (TCD)*
- 2018 **P.G.Dip. in International Wildlife Conservation Practice**, University of Oxford (Oxon)
Department of Continuing Education
Institution: Wildlife Conservation Research Unit (WildCRU)
Final project: *"Conflict with black caiman in the Rupununi region of Guyana"*
Note: Distinction
- 2014 **B.Sc. in Biology (General)**, University of Guyana (UoG)
Faculty of Natural Science
Minor: Chemistry

Short Courses (with certificates)

- 2021-DEC **Understanding Research Methods**; University of London via Coursera [verify at:
<https://coursera.org/verify/66ZP53XGMY63>]
- 2020-MAR **Programming for Everybody (Getting Started with Python)**; California Institute of the
Art via Coursera [verify at: <https://coursera.org/verify/388E2ESEQPX3>]
- 2019-JAN **Qualitative Research Methods**; University of Guyana (UoG)'s Center for Biological
Diversity (CSBD), & University of Florida (UF)'s Tropical Conservation and Development
Program (TCD)
- 2014-JAN **Camera Traps: Tools for Conservation**; World Wildlife Fund-Guianas (WWF-Guianas),
Panthera, & Global Wildlife Conservation (GWC)

PROFESSIONAL

CURRENT PROFESSIONAL APPOINTMENT

JAN-2024 to **Lecturer II**, Department of Environmental Studies
PRESENT Faculty of Earth and Environmental Sciences, University of Guyana
Class preparation, class delivery, student research supervision, office hours, grading

PAST PROFESSIONAL APPOINTMENTS

AUG-2023 to **Graduate Teaching Assistant**, Department of Sociology, Criminology and Law,
DEC-2023 College of Liberal Arts and Sciences, University of Florida
Class preparation, office hours, grading

JAN-2023 to **Graduate Assistant**, Tropical Conservation and Development Program (TCD),
MAY-2023 Center for Latin American Studies, University of Florida
Program support for the University of Florida TCD program

FEB-2022 **Research Assistant**, Global Challenges Research Fellowship (GCRF),
Durrell Institute of Conservation and Ecology (DICE) University of Kent, (UoKent)
Bird identification, data collection, and research support

AUG-2021 to **Graduate Assistant**, Tropical Conservation and Development Program (TCD),
DEC-2021 Center for Latin American Studies, University of Florida
Program support for the University of Florida TCD program

JAN-2021 - **Research Assistant**, Department of Sociology, Criminology, and Law, University of
AUG-2021 Florida (UF)
Data management, data analysis, scientific writing

SEP-2019 - **CL2 Biologist**, Environmental Resources Management (ERM)
AUG-2020 *Marine bird observation and monitoring, data collection*

JUN-2014 - **Bird Scientist**, Operation Wallacea Guyana, Operation Wallacea (Opwall)
AUG-2019¹ *Mist netting, bird banding, data collection, teaching, remote field work*

SEP-2018 - **Robinson Post-Panther Scholar**, Wildlife Conservation Research Unit (WildCRU),
NOV-2018 University of Oxford
Data analysis, publication development

OCT-2017 **Consultant**, Environmental Resources Management (ERM)
Marine bird observation and monitoring, data collection

JUL-2017 **Consultant**, Conservation International-Guyana (CI-G)
"An Assessment of Wildlife Management within Region Nine."
Data collection, analysis, stakeholder engagement, reporting

¹ Seasonal field job from May/June-August 2014-2017, and 2019

JUN-2017	Research Assistant , University of Kent (UoKent) “The urban habitat mosaic and the birds it supports: a Neotropical case study in Georgetown, Guyana.” <i>Bird observation, data collection</i>
FEB-2016	Field Research Coordinator Intern , Panthera <i>Planning field logistics, data management, reporting</i>
MAR-2015 - APR-2016	Field Technician , Peperpot Bird Banding Project, North Carolina Museum of Natural Sciences <i>Mist netting, bird banding, data collection</i>
SEP-2014 - MAY-2015	Winston Cobb Fellow , Panthera Project: “Jaguar and prey response to logging and mining with an evaluation of human-jaguar conflict.” <i>Research design, camera trapping, data collection, remote field work, reporting</i>
OCT-2015	Large Mammal Scientist , World Wildlife Fund Guianas (WWF-Guianas), Biodiversity Assessment Team: Berbice Expedition <i>Camera trapping, data management, data analysis, research design, reporting</i>
MAR-2014	Research Assistant , Smithsonian Institute, Bird Division Expedition to Mt. Ayanganna <i>Data collection, mist netting, museum specimen preparation, remote field work</i>
DEC-2013 - JUN-2014	Internship , Protected Areas Commission (PAC), Government of Guyana (GoG) <i>Data management, reporting</i>
DEC-2013	Research Assistant , Panthera <i>Data entry, data management</i>
OCT-2013	Research Assistant , World Wildlife Fund Guianas (WWF-Guianas) Biodiversity Assessment Team: South Rupununi Expedition <i>Amphibian and reptile capture, data collection, reporting</i>

TEACHING

TEACHING EXPERIENCE

JAN-2024 to PRESENT	Lecturer II , Department of Environmental Studies Faculty of Earth and Environmental Sciences, University of Guyana <i>Class preparation, class delivery, student research supervision, office hours, grading</i>
AUG-2023 to DEC-2023	Graduate Teaching Assistant , Department of Sociology, Criminology and Law, College of Liberal Arts and Sciences, University of Florida <i>Class preparation, office hours, grading</i>

NOV-2023	Guest lecture (11-Oct-2021) , FOR 413: Wildlife Ecology and Conservation, University of Toronto (UT) Title: <i>"Interdisciplinary community conservation research in Guyana"</i>
OCT-2021	Guest lecture (11-Oct-2021) , GEO 3372: Conservation of Resources, Department of Geography, UF Title: <i>"Diversity and disability in conservation"</i>
OCT-2021	Guest lecture (1-Oct-2021) , CCJ 4934: Introduction to Conservation Criminology, Department of Sociology, Criminology, and Law, UF Title: <i>"Conservation from the field"</i>
SEP-2021	Guest lecture (22-Sep-2021) , Caribbean School of Climate 2021, 350.org & Voices GY Title: <i>"Human-wildlife conflict, climate change, and community adaptation"</i>
FEB-2019 - NOV-2019	R Club , University of Guyana <i>Introductory R using the tidyverse package for UG faculty and students</i>
JUN-2014 - AUG-2019	Bird Scientist , Operation Wallacea Guyana, Operation Wallacea (Opwall) <i>Training research assistants in methods and ecological research background</i>
OCT-2018 - MAR-2018	Volunteer Mentor , Wildlife Conservation Course, WildCRU, University of Oxford <i>Statistics, data analysis with R, spatial analysis, and mapping with QGIS</i>

RESEARCH

RESEARCH & TEACHING INTERESTS

Conservation Criminology	Human-Wildlife Conflict and Co-existence
Environmental Sociology	Sustainable Development
Quantitative Methods	Ecology and Conservation of Birds and Mammals

GRANTS IN SUPPORT OF RESEARCH AND TRAINING

FEB-2017	Wildlife Division Grant (Government of Guyana) . <i>"Quantifying conflict and assessing benefits of black caiman (Melanosuchus niger) in the North Rupununi, Guyana."</i> (\$5000 USD) Collaborators: Dr. Matthew Hallett, Caiman House
MAR-2014	Winston Cobb Memorial Fellowship (Panthera) . <i>"Jaguar and prey response to logging and mining with an evaluation of human–jaguar conflict."</i> (\$10,000 USD)

ORAL PRESENTATIONS

MAY-2018	Abraham Y. & Pierre M.. 2022. <i>Scientific foundations and prioritization for wildlife management in the Rupununi region of Guyana</i> . Wildlife Friendly Tourism (WiFT) Manual Training , Visit Rupununi, Lethem, Rupununi, Guyana. [Workshop]
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MAY-2018 **Pierre M.** & Paemelaere E.A.D. 2018. *Scientific foundations and prioritization for wildlife management in the Rupununi region of Guyana*. **Conservation Colloquium**, WildCRU, Oxon, Oxford, UK. [Invited]

APR-2018 **Pierre M.** 2018. *Guyana: An Overview of Environmental Research and Conservation*. **Global Canopy**, Oxford, UK. [Invited]

FEB-2018 **Pierre M.** 2018. *Quantifying Conflict and Assessing Benefits of Black Caiman (*Melanosuchus niger*)*. **Tropilunch**, Tropical Conservation and Development Program, University of Florida, Gainesville, Florida, USA.

APR-2018 **Pierre M.** 2018. *Guyana: An Overview of Environmental Research and Conservation*. **Global Canopy**, Oxford, UK. [Invited]

MAR-2017 **Pierre M.** 2017. *Habitat Types of the South Rupununi*. Presentation of the Results of the WWF Biodiversity Assessment Team South Rupununi Expedition, **World Wildlife Fund-Guianas**, Georgetown, Guyana. [Invited]

AUG-2016 **Pierre M.**, Paemelaere E., & Payán Garrido E. 2016. *Jaguar and their prey in a multi-extractive landscape in Guyana, South America*. Biodiversity Inventory and Decision Making Session, **IV International Congress on Biodiversity of the Guiana Shield**, Georgetown, Guyana.

MAY-2014 **Pierre M.** 2014. *The Scientific Method*. The Knowledge Underground, **The Consultancy Group (TCG)**, Georgetown, Guyana. [Invited]

POSTER PRESENTATIONS

MAR-2018 **Pierre M.** & Paemelaere E.A.D. 2018. *Scientific foundations and prioritization for wildlife management in the Rupununi region of Guyana*. **Student Conference on Conservation Science**, Cambridge, UK

MAR-2017 **Pierre M.**, Paemelaere E., & Payán Garrido E. 2017. *Jaguar and their prey in a multi-extractive landscape in Guyana, South America*. **Student Conference on Conservation Science**, Cambridge, UK

PUBLICATIONS IN PEER-REVIEWED SCIENTIFIC LITERATURE

IN PREPARATION

Pierre M.A., Melville A., Hallet M.T., Kahler J.S. (In Prep) *Tolerance of jaguars predicts guardianship intention towards jaguars in the presence of human-wildlife conflict in Guyana, South America*. Target journal: Oryx

Pierre M.A., Melville A., Hallett M.T., Kahler J.S. (In Prep) *Guardianship, tolerance, and Indigenous environmental stewardship: an application of the local environmental stewardship indicator (LESI) to human-wildlife conflict*. Target Journal: Biological Conservation

Pierre M.A., McHugh S.M., O'Donnell H., Hallett M.T., Paemelaere E.A.D. (In Prep) *Large mammals in a multi-extractive landscape in Guyana, South America*. Target Journal: Oryx, Conservation Science and Practice, or Studies on Neotropical Fauna and Environment

PUBLISHED

Hayes W. M., O'Shea, B. J., **Pierre M.A.**, Wilson A., Bicknell J.E. (2023) [Bird communities across different levels of human settlement: a comparative analysis from two northern Amazonian ecoregions](#). Science of the Total Environment. [Decision: Accepted]

Sillero-Zubiri C., Ardiantiono, Caruso F., Eshete G., Sanjeevani N., **Pierre M.A.** (2023). [From conflict to coexistence: Riding the challenges arising from an ever-expanding human-wildlife interface](#). Oryx, **57(4)**, 409-410.

Pierre M.A., Jacobsen K.S., Hallett M.T., Harris A.E.M., Melville A., Barnabas H., Sillero-Zubiri C. (2023). [Drivers of human-black caiman \(*Melanosuchus niger*\) conflict in Indigenous communities in the North Rupununi wetlands, SW Guyana](#). Conservation Science and Practice, **5(1)**. e12848 [Open Access]

Harris A.E., Maharaj G., Hallett M.T., **Pierre M.A.**, Chesney C., Melville A. (2023). [The influence of diet overlap and nest-site aggression on conflict between black caiman \(*Melanosuchus niger*\) and fishermen of the North Rupununi, Guyana](#). Human Dimensions of Wildlife **28(4)** [Open Access]

Fisher J.C., Mistry J., **Pierre M.A.**, Yang H., Harris A., Hunte N., Fernandes D., Bicknell J.E., Davies Z.G. 2021. [Using participatory video to share people's experiences of neotropical urban green and blue spaces with decision-makers](#). The Geographical Journal **00**:1-15.

Pierre M.A., Ignacio L., Paemelaere E.A.D. 2020. [Medium- and large-bodied terrestrial mammals of the Upper Berbice region of Guyana](#). Check List 16(5): 1229-1237. [Open Access]

Johnson P., Adams V. M., [and 29 others, including **Pierre M.**] 2019. [Consequences Matter: Compassion in Conservation Means Caring for Individuals, Populations and Species](#). Animals 9(12): 1115. [Open Access]

Hayes W., Fisher J., **Pierre M.A.**, Bicknell J.E., Davies Z.G. 2019. [Bird communities across varying landcover types in a Neotropical City](#). Biotropica **00**:1-14.

Milensky C. M., Robbins M. B., [and 5 others, including **Pierre M.**] 2016. [Notes on Breeding Birds from the Guyana Highlands with New Records from a Recent Inventory of Mount Ayananganna](#). Cotinga **38**: 64–78.

PUBLICATIONS IN NON-PEER-REVIEWED SCIENTIFIC LITERATURE

Pierre M., Ignacio L., Torres D., Torres E., and Paemelaere E.A.D. 2018. Large and medium mammals of the upper Berbice region, Guyana. In Alonso, L.E., J. Persaud, and A. Williams (Eds.). [Biodiversity Assessment Survey of the Upper Berbice Region, Guyana](#), pp. 100-113. WWF, Georgetown, Guyana.

Pierre M., Paemelaere E.A.D.P. 2017. *Wildlife Management Assessment Region 9: Upper Takatu–Upper Essequibo, Guyana*. Conservation International–Guyana. Georgetown, Guyana.

Pierre M., Paemelaere E.A.D.P. 2015. *Jaguars and their prey in a multi-extractive landscape in Guyana, South America*. Panthera Guyana, Georgetown, Guyana.

Snyder A., and **Pierre M.**, Gomes E., Noonan B. 2016. Amphibians and Reptiles of Kusad Mountain and the Parabara Region in the South Rupununi, Guyana. In Alonso, L.E., J. Persaud, and A. Williams (Eds.). [*Biodiversity Assessment Survey of the South Rupununi Savannah, Guyana. BAT Survey Report No. 1.*](#) WWF-Guianas. Georgetown, Guyana.

Pierre M.A., Paemelaere E.A.D., Payan-G (2015) *Large mammals in a multi-extractive landscape in Guyana, South America*. Panthera. Georgetown, Guyana.

OTHER PUBLICATIONS

Pierre M.A.. 2022. [*Indigenous knowledge, lands, and rights*](#). Stabroek News. Print and Online. [Date Published: 2022-SEP-4; Republished From *Pierre M.A. (2022) in Guianensis (blog)*]

Pierre M.A.. 2022. *Believing in Better*. [*Dragonfly Digital Diaries: Vol 18: June 2022*](#). Online. [Date Published: 2022-JUL-3; Republished From *Pierre M.A. (2022) in Voices of Academia*]

Millar N., Hallett M., Lim B., **Pierre M.**, & Ignacio L. 2021. *Basic Guide to the Mammals of the Rupununi*. South Rupununi Conservation Society (SRCS). Wichabai, Rupununi, Guyana.

Pierre M., Earle E., Ignacio L., & de Frietas K. 2019. *Basic Guide to the Common Birds of the Rupununi: 2nd Ed.* South Rupununi Conservation Society (SRCS). Wichibai, Rupununi, Guyana.

Pierre, M., and B.J. O’Shea. 2019. *Bird racing: Culture and conservation*. North Carolina Naturalist **27(1)**: 2-3.

Pierre M., O’Shea B. 2018. [*The trade in seed-finches from the Guianas: Can a diaspora fuel an international trade?*](#). Trading Ideas. Oxford Martin School, University of Oxford. Oxford, UK.

Pierre M. 2018. [*Iwokrama, The Green Heart of Guyana: Where Images and Stories are Waiting to be Told*](#). Explore Guyana. Guyana Tourism Authority. Georgetown Guyana.

Pierre M. 2018. [*Guide to the Birds of Iwokrama*](#). Iwokrama International Centre for Rainforest Conservation and Development. Georgetown, Guyana.

Pierre M., Earle E., Ignacio L., de Frietas K. 2017. *Basic Guide to the Common Birds of the Rupununi*. South Rupununi Conservation Society (SRCS). Dadanawa, Guyana. [Additionally: 6 educational posters on birds of conservation concern in the Rupununi]

AWARDS & SCHOLARSHIPS

NOV-2021 **Outstanding Post-Graduate International Student Award 2021**, University of Florida International Center (UFIC), University of Florida (\$1500 USD)

APR-2020	Research Assistantship , Department of Sociology, Criminology, and Law, University of Florida (\$20,000 USD/Year)
APR-2019	Tropical Conservation and Development Program (TCD) Graduate Assistantship , TCD, University of Florida (\$20,000 USD/Year)
SEP-2018	Robinson Post-Panther Fellowship , WildCRU, University of Oxford (\$3000 USD)
APR-2014	Winston Cobb Memorial Fellowship , Panthera (\$10,000 USD)
FEB-2018	Recanati-Kaplan Foundation Scholarship , WildCRU, University of Oxford (\$23,000 USD)

SKILLS & REFERENCES

SKILLS AND SOFTWARE

Remote Field Research: Field and survival skills, including: camp building, management, logistics, and planning

Ecological Techniques: Camera trapping, bird banding, point counts, and transect surveys **Sociological**

Sociological Techniques: Survey design, semi-structured interviews, key informant interviews, participatory video, thematic coding

Statistical Techniques: Reproducible multivariate statistics for ecology and human dimensions of wildlife management (Eg: linear regression, occupancy modelling)

Data Collection and Management: Reproducible data cleaning and manipulation, metadata writing

Photography: Photography featured in magazines, news articles and local exhibitions

Filming and Video Editing: Produced short documentaries and educational videos

Software packages: MS Office (Proficient; Packages: *Word*, *Excel*, *OneNote*, *Access*, *Powerpoint*); R (Intermediate; Packages e.g.: *tidyverse*, *ordinal*, and *sjPlot*), Adobe Creative Suite (Intermediate; Packages: *Photoshop*, *Lightroom*, *InDesign*, *Illustrator*, *Premiere Pro*)

LANGUAGES

English: Fluent (Native; Reading, Writing, and Speaking)

Spanish: Intermediate (Reading, Writing, and Speaking)

French: Basic (Reading, Writing, and Speaking)

REFERENCES

Dr. Jessica Kahler – **Assistant Professor**, Department of Sociology and Criminology, University of Florida, jkahler@ufl.edu

Dr. Matthew Hallett – **Assistant Research Professor**, Department of Wildlife Ecology and Conservation, University of Florida, mhallett2320@ufl.edu

Dr. Egil Drøge –

Course Coordinator and Lead Tutor, Wildlife Conservation Research Unit
(WildCRU) Postgraduate Diploma Program, University of Oxford,
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