

MESHACH A. PIERRE

CURRICULUM VITAE

2022-JUL

Interdisciplinary conservation scientist and practitioner ,
photographer, writer, advocate and,
science communicator

Research interests listed below

See website for more details:

<https://meshachpierre.com>

UNIVERSITY OF FLORIDA	Phone:	+1 352 328 2116 [USA]
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60 Atlantic Ville	Web of Science Researcher ID:	GNH-1595-2022
Georgetown,	ORCID:	0000-0001-8055-9944
Guyana,		
South America		

EDUCATION

DEGREES

2022 (Suspended)	M.A. in Criminology, Law, and Society , University of Florida (UF) Department of Sociology and Criminology Thesis: <i>"The conservation criminology of human-jaguar conflict in the Rupununi region of Guyana: Risk, Tolerance, Guardianship, and Stewardship"</i> Certificate: <i>Tropical Conservation and Development Program (TCD)</i> Note: <i>Current professional accomplishments evaluated as "exceptional"</i> (Academic year 2021-2022)
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: <i>"Conflict with black caiman in the Rupununi region of Guyana"</i> Note: <i>Distinction</i>
2014	B.Sc. in Biology (General) , University of Guyana (UoG) Faculty of Natural Science Minor: Chemistry Thesis: <i>"Morphological variation of birds across the Iwokrama and Surama forests, Guyana."</i>

Short Courses (with certificates)

2021-DEC	Understanding Research Methods; University of London <i>via Coursera</i> [verify at: https://coursera.org/verify//66ZP53XGMY63]
2020-MAR	Programming for Everybody (Getting Started with Python); California Institute of the Art <i>via Coursera</i> [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)
2017-FEB	Ideas from the History of Graphic Design; California Institute of the Art <i>via Coursera</i> [verify at: https://coursera.org/verify/H4C2E23RCPHG]
2016-JUN	Fundamentals of Graphic Design; California Institute of the Art <i>via Coursera</i> [verify at: https://coursera.org/verify/H6TKDDRNBHJS]
2016-JUN	Cameras, Exposure, and Photography; Michigan State University <i>via Coursera</i> [verify at: https://coursera.org/verify/FSXMZ3F6F2G8]
2016-JUN	Introduction to Iagemaking; California Institute of the Art <i>via Coursera</i> [verify at: https://coursera.org/verify/2EARV3T34AYQ]
2016-JUN	Introduction to Typography; California Institute of the Art <i>via Coursera</i> [verify at: https://coursera.org/verify/V3Z2C4WB8XD3]
2014-JAN	Camera Traps: Tools for Conservation; World Wildlife Fund-Guianas (WWF-Guianas), Panthera, & Global Wildlife Conservation (GWC)

RESEARCH

RESEARCH & TEACHING INTERESTS

Conservation Criminology	Human Dimensions of Wildlife Management
Ecology and Conservation of Birds and Mammals	Human-Wildlife Conflict and Co-existence
Environmental Sociology	Sustainable Development
Justice, Equity, Diversity, & Inclusion	Capacity Development

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. *Scientific foundations and prioritization for wildlife management in the Rupununi region of Guyana*. **Wildlife Friendly Tourism (WiFT) Manual Training**, Visit Rupununi, Lethem, Rupununi, Guyana. [Workshop]
- 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 Paemelaere E.A.D., Fernandes D., Ignacio L, Johnny A. 2017. *Medium & Large Mammals of the Southern Rupununi*. Presentation of the Results of the WWF Biodiversity Assessment Team South Rupununi Expedition, **World Wildlife Fund-Guianas**, Georgetown, Guyana. [Presented on behalf of Paemelaere E.A.D.]
- 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., 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 [In addition to publishing data and code in long-term repositories with permanent identifiers]

IN REVIEW

Pierre M.A., Jacobsen K.S., Hallett M.T., Harris A.E.M., Melville A., Barnabas H., Sillero-Zubiri C. (Accepted: Major Revisions). *Drivers of human-black caiman (*Melanosuchus niger*) conflict in Indigenous communities in the North Rupununi wetlands, SW Guyana*. In Review: Conservation Science and Practice.

PUBLISHED

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 Ayanqanna](#). Cotinga **38**: 64–78.

DATA AND CODE¹

[Data Publication] **Pierre M.A.**, Ignacio L., Paemelaere E.A.D. (In Prep). [Dataset: Medium- and large-bodied terrestrial mammals of the Upper Berbice region of Guyana](#). Target Repository: Dryad

[Analytical Code] **Pierre M.A.**, Jacobsen K.S., Hallett M.T., Harris A.E.M., Melville A., Barnabas H., Sillero-Zubiri C. (In Prep). [Code: Drivers of human-black caiman \(*Melanosuchus niger*\) conflict in Indigenous communities in the North Rupununi wetlands, SW Guyana](#). Target Repository: Zenodo

¹ Data and code will be published alongside publications in online repositories along with exhaustive metadata in publicly available repositories.

[Data Publication] **Pierre M.A.**, Jacobsen K.S., Hallett M.T., Harris A.E.M., Melville A., Barnabas H., Sillero-Zubiri C. [Dataset: Drivers of human-black caiman \(*Melanosuchus niger*\) conflict in Indigenous communities in the North Rupununi wetlands, SW Guyana](#). Target Repository: Dryad

[Analytical Code] **Pierre M.A.**, Ignacio L., Paemelaere E.A.D. (In Prep). [Code: Medium- and large-bodied terrestrial mammals of the Upper Berbice region of Guyana](#). Target Repository: Zenodo²

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., McHugh S.M., Paemelaere E.A.D., Payan-G (In Prep) *Large mammals in a multi-extractive landscape in Guyana, South America*. Target Journal: Oryx

OTHER PUBLICATIONS

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 (below)*]

Pierre M.A.. 2022. *Believing in Better*. [Voices of Academia](#). Online. [Date Published: 2022-FEB-18]

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.

² Data and code already available as Supplementary Material on publication. See online publication for available download.

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]

TEACHING

TEACHING EXPERIENCE³

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 ³	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>

PROFESSIONAL

CURRENT PROFESSIONAL APPOINTMENT

JAN-2022 to PRESENT	Scientific and Research Development Consultant , South Rupununi Conservation Society (SRCS) <i>Capacity development, scientific teaching, cross-institutional collaboration, research design, grant writing, data management, data analysis, scientific writing</i>
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³: Additionally, informal mentorship of University of Guyana, University of Guyana, and other students of a diverse array of backgrounds. Also, as capacity development is a core part of my current research and job, this has become integral to my career.

JUL-2022 to JUL-2022 **Technical Consultant**, Visit Rupununi (SRCS)
Capacity development, scientific teaching, cross-institutional collaboration, wildlife education, design, science communication

PAST PROFESSIONAL APPOINTMENTS

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

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

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

JUN-2014 - AUG-2019⁴ **Bird Scientist**, Operation Wallacea Guyana, Operation Wallacea (Opwall)
Mist netting, bird banding, data collection, teaching, remote field work

SEP-2018 - NOV-2018 **Robinson Post-Panther Scholar**, Wildlife Conservation Research Unit (WildCRU),
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

JUN-2017 **Research Assistant**, University of Kent (UoKent)
"The urban habitat mosaic and the birds it supports: a Neotropical case study in Georgetown, Guyana."
Bird observation, data collection

FEB-2016 **Field Research Coordinator Intern**, Panthera
Planning field logistics, data management, reporting

MAR-2015 - APR-2016 **Field Technician**, Peperpot Bird Banding Project,
North Carolina Museum of Natural Sciences
Mist netting, bird banding, data collection

⁴ Seasonal field job from May/June-August 2014-2017, and 2019

SEP-2014 - MAY-2015	Winston Cobb Fellow , Panthera Project: <i>“Jaguar and prey response to logging and mining with an evaluation of human-jaguar conflict.”</i> <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>

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)

PROFESSIONAL MEMBERSHIPS

2021 – PRESENT	Member , South Rupununi Conservation Society (SRCS)
2020 – PRESENT	Graduate Student Member , American Ornithological Society
2017 – PRESENT	Student Member , British Ecological Society (BES)

PROFESSIONAL SERVICE

JUL 2022 – PRESENT	Reviewer , Cogent Social Sciences , Taylor & Francis Online Publishing [Peer-reviewed open-access scientific journal]
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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 Techniques: Survey design, semi-structured interviews, key informant interviews, participatory video

Statistical Techniques: Reproducible multivariate statistics (Eg: linear regression, occupancy modelling)

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

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

Filming and Video Editing: Produced short documentaries and educational videos

Software packages:

Capture (Intermediate)	Git (& GitHub): Intermediate	Vortex (Intermediate)
Distance (Intermediate)	MS Office (Proficient; Packages: <i>Word, Excel, OneNote, Access, Powerpoint</i>)	Adobe Creative Suite (Intermediate; Packages: <i>Photoshop, Lightroom, InDesign, Illustrator, Premiere Pro</i>)
EstimateS (Intermediate)	OpenRefine (Intermediate)	
Garmin BaseCamp (Proficient)		
QGIS (Intermediate)	Presence (Proficient)	

Programming language fluency:

R (Proficient; Package egs: *tidyverse, ordinal, performance, MASS, sjMisc*, and many others)

Stata (Intermediate)

HTML (Intermediate)

Python (Basic)

Kotlin (Basic)

LANGUAGES

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

Spanish: Intermediate (Reading, Writing, and Speaking)

French: Basic (Reading, Writing, and Speaking)

Makushi⁵: Basic (Speaking)

Wapichan⁶: Basic (Speaking)

⁵ Indigenous Guyanese language

⁶ Indigenous Guyanese language

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, egil.droge@zoo.ox.ac.uk

FEATURES IN THE MEDIA

- Guyana Economic Development Trust. 2022. [Conservation in Guyana](#). **IG TV. Online**. Streaming Video.
- FAO and IUCN SSC HWCTF. 2022. [Reducing human-carnivore conflict through participatory research](#). **FAO**, Rome.
- Jonteau C. 2021. [Young Conservation Biologist Becomes Mental Health Advocate](#). **Unstoppable Yes You**. Online.
- Stabroek News. 2017. [Q&A: Meshach Andres Pierre](#). Writer's Room, **Stabroek News**. 2020-Jan-26. Print and Online.
- Various Contributors. 2017. [25 Caribbean achievers under 25](#). **Caribbean Beat**. May/June 2017. Print and Online.
- Lall M. 2017. [Chance encounter led Meshach Pierre to conservation biology](#). **Stabroek News**. 26 February 2017. Print and Online.

NOTE:

This CV primarily focuses on formal research and conservation-related activities. Please see my website and my online portfolio (www.meshachpierre.com) for a list of creative work, particularly: writing, video, outreach, and further detail on my teaching experience.