

**MESHACH ANDRES PIERRE**  
**CURRICULUM VITAE**  
JAN-2024

---

60 ATLANTIC VILLE  
Georgetown,  
Guyana,  
South America

**Phone:** +592 641 4308 [Guyana]  
**Email:** [meshachpierre@gmail.com](mailto:meshachpierre@gmail.com)

---

---

## **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**

### **PAST PROFESSIONAL APPOINTMENTS**

---

AUG-2023 to DEC-2023	<b>Graduate Teaching Assistant</b> , Department of Sociology, Criminology and Law, College of Liberal Arts and Sciences, University of Florida <i>Class preparation, office hours, grading</i>
AUG-2021 to DEC-2021	<b>Graduate Assistant</b> , Tropical Conservation and Development Program (TCD), Center for Latin American Studies, University of Florida <i>Program support for the University of Florida TCD program</i>
FEB-2022	<b>Research Assistant</b> , Global Challenges Research Fellowship (GCRF), Durrell Institute of Conservation and Ecology (DICE) University of Kent, (UoKent) <i>Bird identification, data collection, and research support</i>
AUG-2021 to DEC-2021	<b>Graduate Assistant</b> , Tropical Conservation and Development Program (TCD), Center for Latin American Studies, University of Florida <i>Program support for the University of Florida TCD program</i>
JAN-2021 - AUG-2021	<b>Research Assistant</b> , Department of Sociology, Criminology, and Law, University of Florida (UF) <i>Data management, data analysis, scientific writing</i>
SEP-2019 - AUG-2020	<b>CL2 Biologist</b> , Environmental Resources Management (ERM) <i>Marine bird observation and monitoring, data collection</i>
JUN-2014 - AUG-2019 <sup>1</sup>	<b>Bird Scientist</b> , Operation Wallacea Guyana, Operation Wallacea (Opwall) <i>Mist netting, bird banding, data collection, teaching, remote field work</i>
SEP-2018 - NOV-2018	<b>Robinson Post-Panther Scholar</b> , Wildlife Conservation Research Unit (WildCRU), University of Oxford <i>Data analysis, publication development</i>
OCT-2017	<b>Consultant</b> , Environmental Resources Management (ERM) <i>Marine bird observation and monitoring, data collection</i>
JUL-2017	<b>Consultant</b> , Conservation International-Guyana (CI-G) "An Assessment of Wildlife Management within Region Nine." <i>Data collection, analysis, stakeholder engagement, reporting</i>
JUN-2017	<b>Research Assistant</b> , 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>

---

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

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

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

SEP-2014 -      **Winston Cobb Fellow**, Panthera  
MAY-2015      Project: “Jaguar and prey response to logging and mining with an evaluation of  
human-jaguar conflict.”  
*Research design, camera trapping, data collection, remote field work, reporting*

OCT-2015      **Large Mammal Scientist**, World Wildlife Fund Guianas (WWF-Guianas),  
Biodiversity Assessment Team: Berbice Expedition  
*Camera trapping, data management, data analysis, research design, reporting*

MAR-2014      **Research Assistant**, Smithsonian Institute,  
Bird Division Expedition to Mt. Ayanganna  
*Data collection, mist netting, museum specimen preparation, remote field work*

DEC-2013 -      **Internship**, Protected Areas Commission (PAC), Government of Guyana (GoG)  
JUN-2014      *Data management, reporting*

DEC-2013      **Research Assistant**, Panthera  
*Data entry, data management*

OCT-2013      **Research Assistant**, World Wildlife Fund Guianas (WWF-Guianas)  
Biodiversity Assessment Team: South Rupununi Expedition  
*Amphibian and reptile capture, data collection, reporting*

## **TEACHING**

### **TEACHING EXPERIENCE**

---

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*

NOV-2023      **Guest lecture (11-Oct-2021)**, FOR 413: Wildlife Ecology and Conservation, University of  
Toronto (UT)  
Title: “*Interdisciplinary community conservation research in Guyana*”

OCT-2021      **Guest lecture (11-Oct-2021)**, GEO 3372: Conservation of Resources, Department of  
Geography, UF  
Title: “*Diversity and disability in conservation*”

OCT-2021      **Guest lecture (1-Oct-2021)**, CCJ 4934: Introduction to Conservation Criminology,  
Department of Sociology, Criminology, and Law, UF  
Title: “*Conservation from the field*”

SEP-2021	<b>Guest lecture (22-Sep-2021)</b> , Caribbean School of Climate 2021, 350.org & Voices GY Title: <i>"Human-wildlife conflict, climate change, and community adaptation"</i>
FEB-2019 - NOV-2019	<b>R Club</b> , University of Guyana <i>Introductory R using the tidyverse package for UG faculty and students</i>
JUN-2014 - AUG-2019	<b>Bird Scientist</b> , Operation Wallacea Guyana, Operation Wallacea (Opwall) <i>Training research assistants in methods and ecological research background</i>
OCT-2018 - MAR-2018	<b>Volunteer Mentor</b> , 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	<b>Wildlife Division Grant (Government of Guyana)</b> . <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	<b>Winston Cobb Memorial Fellowship (Panthera)</b> . <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. & <b>Pierre M.</b> . 2022. <i>Scientific foundations and prioritization for wildlife management in the Rupununi region of Guyana</i> . <b>Wildlife Friendly Tourism (WiFT) Manual Training</b> , Visit Rupununi, Lethem, Rupununi, Guyana. [Workshop]
MAY-2018	<b>Pierre M.</b> & Paemelaere E.A.D. 2018. <i>Scientific foundations and prioritization for wildlife management in the Rupununi region of Guyana</i> . <b>Conservation Colloquium</b> , WildCRU, Oxon, Oxford, UK. [Invited]
APR-2018	<b>Pierre M.</b> 2018. <i>Guyana: An Overview of Environmental Research and Conservation</i> . <b>Global Canopy</b> , Oxford, UK. [Invited]
FEB-2018	<b>Pierre M.</b> 2018. <i>Quantifying Conflict and Assessing Benefits of Black Caiman (Melanosuchus niger)</i> . <b>Tropilunch</b> , 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.**, 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., Sanjeewani 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 Ayanganna\*](#). 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: 2<sup>nd</sup> 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	<b>Outstanding Post-Graduate International Student Award 2021</b> , University of Florida International Center (UFIC), University of Florida (\$1500 USD)
APR-2020	<b>Research Assistantship</b> , Department of Sociology, Criminology, and Law, University of Florida (\$20,000 USD/Year)
APR-2019	<b>Tropical Conservation and Development Program (TCD) Graduate Assistantship</b> , TCD, University of Florida (\$20,000 USD/Year)
SEP-2018	<b>Robinson Post-Panther Fellowship</b> , WildCRU, University of Oxford (\$3000 USD)
APR-2014	<b>Winston Cobb Memorial Fellowship</b> , Panthera (\$10,000 USD)
FEB-2018	<b>Recanati-Kaplan Foundation Scholarship</b> , 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](mailto:jkahler@ufl.edu)

Dr. Matthew Hallett – **Assistant Research Professor**, Department of Wildlife Ecology and Conservation, University of Florida, [mhallett2320@ufl.edu](mailto: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](mailto:egil.droge@zoo.ox.ac.uk)