

Alice C. Poirier

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EDUCATION

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|---|---------|
| PhD, Life Sciences (Behavioral Ecology), Anglia Ruskin University, UK | 2016-19 |
| MSc with Distinction, Biodiversity Ecology & Evolution, University of Montpellier, France | 2008-10 |
| BSc with Distinction, Cell Biology & Physiology, University of Bordeaux, France | 2005-08 |

PROFESSIONAL APPOINTMENTS

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| Postdoctoral Associate, University of Calgary, Canada. PIs: Dr Kathy Jack (Tulane University), Dr Amanda Melin (Uni. of Calgary) & Dr Anja Widdig (Uni. of Leipzig) | 2023-pres. |
| Postdoctoral Associate, University of Calgary, Canada. PI: Dr Amanda Melin (Melin Lab) | 2020-23 |
| Field Research Coordinator, Field Projects International & Fauna Forever, Peru | 2011-15 |

TEACHING APPOINTMENTS

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| Sessional Instructor: Vertebrate Chemical Ecology (Uni. Veracruzana, Mexico) | 2023 |
| Sessional Instructor: Introduction to Bioanthropology (Uni. of Calgary) | 2023 |
| Teaching Assistant: Introduction to biology, Animal behavior, Molecular biology, Biostatistics, Research methods (Anglia Ruskin Uni., UK) | 2016-18 |
| Field Course Instructor: Tropical Ecology & Conservation: Uganda (Anglia Ruskin Uni.) & Peru (Field Projects International, Wasai Lodge & Expeditions) | 2015-19 |

SCHOLARSHIPS AND AWARDS

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| Leakey Foundation Postdoctoral Research Grant with co-PI Melin (International) | \$25,000 (CAD) | 2021 |
| Association for the Study of Animal Behaviour Travel Grant (National UK) | £400 (GBP) | 2018 |
| Cambridge Philosophical Society Travel Grant (National UK) | £400 (GBP) | 2017 |
| Primate Society of Great Britain Research Grant (National UK) | £1,000 (GBP) | 2017 |
| UK Reference Excellence Framework PhD Scholarship (National UK) | £56,300 (GBP) | 2016 |
| Poitou-Charentes Young Professionals Award (National France) | €3,000 (EUR) | 2011 |

SELECTED PUBLICATIONS (* co-first authorship)

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|---|-----------|
| Poirier AC , Kulick NK, Romero Morales S, Kücklich M, Weiß BM, Birkemeyer C, Widdig A, Melin AD & Jack KM. Dominance effects on urine washing and urinary odor profiles in wild male capuchin monkeys (<i>Cebus imitator</i>). <i>Behavioral Ecology & Sociobiology</i> | Submitted |
| Fernandes, AG, Poirier AC , Veilleux CC & Melin AD. Animal models for translational and preclinical geroscience research on sensory systems. <i>GeroScience</i> , in press. | 2024 |
| Poirier AC & Melin AD. Smell throughout the life course. <i>Evolutionary Anthropology: Issues, News, and Reviews</i> . https://doi.org/10.1002/evan.22030 | 2024 |
| DePasquale AN, Poirier AC , Mah MA, Villalobos-Suarez C, Guadamuz A, Chevez Hernandez S, Navarro Lopez R, Hogan JD, Rothman JM, Nevo O & Melin AD. Picking pithy plants: pith selectivity by wild white-faced capuchin monkeys, <i>Cebus imitator</i> . <i>American Journal of Primatology</i> . https://doi.org/10.1002/ajp.23549 . | 2023 |
| Poirier AC , Waterhouse JS, Watsa M, Erkenswick GA, Melin AD, Dunn JC & Smith AC. Olfactory communication in tamarins: a comparative analysis of scents from wild and captive populations. <i>Journal of Zoo and Aquarium Research</i> . https://doi.org/10.19227/jzar.v11i1.652 | 2022 |

- Tang J*, **Poirier AC***, Duytschaever G, Moreira LAA, Nevo O & Melin AD. Assessing urinary odours across the oestrous cycle in a mouse model using portable and benchtop GC-MS. *Royal Society Open Science*. <https://doi.org/10.1098/rsos.210172> **2021**
- Poirier AC**, Waterhouse JS, Dunn JC & Smith AC. Temporal stability of primate scent samples. *SN Applied Science*. <https://doi.org/10.1007/s42452-021-04455-1> **2021**
- Poirier AC**, Waterhouse JS, Dunn JC & Smith AC. Scent Marks Signal Species, Sex and Reproductive Status in Tamarins (*Saguinus* spp., Neotropical Primates). *Chemical Senses*. <https://doi.org/10.1093/chemse/bjab008> **2021**
- Poirier AC**, Waterhouse JS, Watsa M, Erkenwick GE, Moreira LAA, Tang J, Dunn JC, Melin AD & Smith AC. On the trail of primate scent signals: A field analysis of callitrichid scent-gland secretions by portable gas chromatography-mass spectrometry. *American Journal of Primatology*. <https://doi.org/10.1002/ajp.23236> **2021**

SELECTED ORAL CONFERENCE PRESENTATIONS

- 'Dominance effects on urine-washing and urinary odour profiles in wild male capuchin monkeys'. 16th Meeting of the Chemical Signals in Vertebrates group, Frankfurt, Germany **2024**
- 'Field techniques in primate scent communication'. Conference "Ecology, Biology, Health and Behavior of White-Faced Capuchins: Celebrating and Promoting Longitudinal Research and Conservation", Costa Rica **2023**
- 'Chemical communication in callitrichids: insights from captive and wild populations'. 52nd meeting of the Ecological Society of Germany, Austria and Switzerland, Leipzig, Germany **2023**
- 'Fruit odor signals and animal-plant coevolution'. Joint meeting International Primatological Society and the Latin American Society of Primatologists, Quito, Ecuador (virtual) **2022**
- 'Captivity and communication: comparative analysis of scents from wild and captive tamarins'. 15th Meeting of the Chemical Signals in Vertebrates group, Dijon, France (virtual) **2021**
- 'Sniffing out primate scent signals: the first field analysis of callitrichine scents by portable GC-MS'. Primate Society of Great Britain Spring meeting, Portsmouth, UK **2018**

PROFESSIONAL SERVICE

- Reviewer for American Journal of Primatology, Scientific Reports, Animals, Journal of Mammalian Evolution, PeerJ, Oxford University Publishing
- Organizing team and session chair for the conference Ecology, Biology, and Health of White-Faced Capuchins in Guanacaste, Costa Rica (15-18 Nov 2023)

OUTREACH ACTIVITIES

- Documentary featuring wildlife research and conservation activity in Peru with Field Projects International **2024**
- Girls in STEM workshop "Sensing Science: the Primate Way" at Tulane University, USA **2024**
- Documentary series '[Animals Decoded](#)', episode '[Invisible Communication](#)' – The Smithsonian Channel (US) & Love Nature. Collaboration with Dr S. Vaglio, Uni. of Wolverhampton, UK **2018**
- Treasurer of the Wildlife Society at Anglia Ruskin University, UK **2016-18**
- Volunteer at WWF Earth Hour in Peru as scientific presenter **2012**

ADDITIONAL SKILLS AND CERTIFICATES

- Languages: French native language, English & Spanish fluent written & spoken
- First aid training certificate (re-validated Sep. 2021)