

# Alice C. Poirier

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9E Boulevard Jeanne d'Arc, 21000 Dijon, France

## EDUCATION

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

## PROFESSIONAL APPOINTMENTS

Postdoctoral Research Fellow, INRAE, <a href="#">CSGA</a> , Dijon, France. PIs: Dr Benoist Schaal (CNRS), Dr Fabrice Damon & Dr Karine Durand (Uni. Bourgogne-Europe)	2025-pres.
Postdoctoral Associate, University of Calgary, Canada. PIs: Dr Kathy Jack (Tulane Uni., USA), Dr Amanda Melin (Uni. of Calgary, Canada) & Dr Anja Widdig (Uni. of Leipzig, Germany)	2023-25
Postdoctoral Associate, University of Calgary, Canada. PI: Dr Amanda Melin ( <a href="#">Melin Lab</a> )	2020-23
Field Research Coordinator, Field Projects International & Fauna Forever, Peru	2011-15

## TEACHING APPOINTMENTS

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 in ecology (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

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)

Roberts SC, ..., <b>Poirier AC</b> , ... & Schaal B. Breastfeeding, bonding, and olfaction: unlocking the potential of mother-infant odour exchange. <i>EBioMedicine</i> . 10.1016/j.ebiom.2025.106086	2025
<b>Poirier AC</b> , Kulick NK, Romero Morales S, Kücklich M, Weiß BM, Birkemeyer C, Widdig A, Melin AD & Jack KM. Urine washing and urinary odour profiles in relation to dominance rank status in wild male capuchin monkeys ( <i>Cebus imitator</i> ). <i>Royal Society Open Science</i> . 10.1098/rsos.250608	2025
Fernandes A, <b>Poirier AC</b> , Veilleux CC & Melin AD. Contributions and future potential of animal models for geroscience research on sensory systems. <i>GeroScience</i> . 10.1007/s11357-024-01327-5.	2024
<b>Poirier AC</b> & Melin AD. Smell throughout the life course. <i>Evolutionary Anthropology: Issues, News, and Reviews</i> . 10.1002/evan.22030	2024
DePasquale AN, <b>Poirier AC</b> , ..., 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> . 10.1002/ajp.23549.	2023

<b>Poirier AC</b> , Waterhouse JS, Watsa M, Erkenswick GA, Melin AD, Dunn JC & Smith AC.	<b>2022</b>
Olfactory communication in tamarins: a comparative analysis of scents from wild and captive populations. <i>Journal of Zoo and Aquarium Research</i> . 10.19227/jzar.v11i1.652	
<b>Tang J*</b> , <b>Poirier AC*</b> , 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. <i>Royal Society Open Science</i> . 10.1098/rsos.210172	<b>2021</b>
<b>Poirier AC</b> , Waterhouse JS, Dunn JC & Smith AC. Temporal stability of primate scent samples. <i>SN Applied Science</i> . 10.1007/s42452-021-04455-1	<b>2021</b>
<b>Poirier AC</b> , Waterhouse JS, Dunn JC & Smith AC. Scent Marks Signal Species, Sex and Reproductive Status in Tamarins ( <i>Saguinus</i> spp., Neotropical Primates). <i>Chemical Senses</i> . 10.1093/chemse/bjab008	<b>2021</b>
<b>Poirier AC</b> , Waterhouse JS, Watsa M, Erkenswick 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. <i>American Journal of Primatology</i> . 10.1002/ajp.23236	<b>2021</b>

### SELECTED ORAL CONFERENCE PRESENTATIONS

'Urine washing and urinary odor profiles in relation to dominance rank status in wild male capuchin monkeys ( <i>Cebus imitator</i> )'. Congress of the International Primatology Society, Antananarivo, Madagascar	<b>2025</b>
'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	<b>2023</b>
'Fruit odor signals and animal-plant coevolution'. Joint meeting International Primatological Society and the Latin American Society of Primatologists, Quito, Ecuador (virtual)	<b>2022</b>
'Captivity and communication: comparative analysis of scents from wild and captive tamarins'. 15 <sup>th</sup> Meeting of the Chemical Signals in Vertebrates group, Dijon, France (virtual)	<b>2021</b>
'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	<b>2018</b>

### PROFESSIONAL SERVICE

Reviewer for Oxford University Publishing, American Journal of Primatology, Scientific Reports, Animals, Journal of Mammalian Evolution, PeerJ
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	<b>2024</b>
<i>Girls in STEM</i> workshop "Sensing Science: the Primate Way" at Tulane University, USA	<b>2024</b>
Documentary series ' <a href="#">Animals Decoded</a> ', episode ' <a href="#">Invisible Communication</a> ' – The Smithsonian Channel (US) & Love Nature. Collaboration with Dr S. Vaglio, Uni. of Wolverhampton, UK	<b>2018</b>
Treasurer of the Wildlife Society at Anglia Ruskin University, UK	<b>2016-18</b>
Volunteer at WWF Earth Hour in Peru as scientific presenter	<b>2012</b>

### ADDITIONAL SKILLS AND CERTIFICATES

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