

Alice C. Poirier

alice.poirier@inrae.fr ■ Centre for Taste, Smell & Feeding Behavior Science (CSGA)
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, CSGA , Dijon, France. Pls: Dr Benoist Schaal (CNRS), Dr Fabrice Damon & Dr Karine Durand (Uni. Bourgogne-Europe)	2025-pres.
Postdoctoral Associate, University of Calgary, Canada. Pls: 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 (Melin Lab)	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, ..., Poirier AC , ... & Schaal B. Breastfeeding, bonding, and olfaction: unlocking the potential of mother-infant odour exchange. <i>EBioMedicine</i> . 10.1016/j.ebiom.2025.106086	2025
Poirier AC , 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, Poirier AC , 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
Poirier AC & Melin AD. Smell throughout the life course. <i>Evolutionary Anthropology: Issues, News, and Reviews</i> . 10.1002/evan.22030	2024
DePasquale AN, Poirier AC , ..., 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

- Poirier AC**, Waterhouse JS, Watsa M, Erkenswick GA, Melin AD, Dunn JC & Smith AC. **2022**
Olfactory communication in tamarins: a comparative analysis of scents from wild and captive populations. *Journal of Zoo and Aquarium Research*. 10.19227/jzar.v11i1.652
- Tang J*, **Poirier AC***, Duytschaever G, Moreira LAA, Nevo O & Melin AD. **2021**
Assessing urinary odours across the oestrous cycle in a mouse model using portable and benchtop GC-MS. *Royal Society Open Science*. 10.1098/rsos.210172
- Poirier AC**, Waterhouse JS, Dunn JC & Smith AC. **2021**
Temporal stability of primate scent samples. *SN Applied Science*. 10.1007/s42452-021-04455-1
- Poirier AC**, Waterhouse JS, Dunn JC & Smith AC. **2021**
Scent Marks Signal Species, Sex and Reproductive Status in Tamarins (*Saguinus* spp., Neotropical Primates). *Chemical Senses*. 10.1093/chemse/bjab008
- Poirier AC**, Waterhouse JS, Watsa M, Erkenswick GE, Moreira LAA, Tang J, Dunn JC, Melin AD & Smith AC. **2021**
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*. 10.1002/ajp.23236

SELECTED ORAL CONFERENCE PRESENTATIONS

- 'Urine washing and urinary odor profiles in relation to dominance rank status in wild male capuchin monkeys (*Cebus imitator*)'. Congress of the International Primatology Society, Antananarivo, Madagascar **2025**
- '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**
- '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 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 **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)