

# Alexandre Suire

Institute of Evolutionary Sciences of Montpellier  
University of Montpellier, Place Eugène Bataillon, Bât. 22 – CC065  
34095 Montpellier Cedex 5  
[alexandre.suire@umontpellier.fr](mailto:alexandre.suire@umontpellier.fr)

## Education

---

- 2016 – 2019 **PhD in Evolutionary Biology**  
*Defended on the 15<sup>th</sup> of November, University of Montpellier – Montpellier*  
*Advisors: M. Raymond & M. Barkat-Defradas*
- 2014 – 2016 **Master's Degree in Ecology, Biodiversity and Evolution**  
*University Pierre and Marie Curie – Paris*
- 2011 – 2014 **Bachelor's Degree in Ecology and Population Biology**  
*University of Western Brittany – Brest & University of Québec in Rimouski – Rimouski*

## Peer-reviewed research

---

### Articles

- 2019 **Suire, A.**, Raymond, M., & Barkat-Defradas, M. Male Vocal Quality and Its Relation to Females' Preferences. *Evolutionary Psychology*, 1-12.
- 2019 **Suire, A.**, Bossoms Mesa, A., Raymond, M. & Barkat-Defradas, M. Sex-biased sound symbolism in French first names. *Evolutionary Human Sciences*, 1, e7.
- 2018 **Suire, A.**, Raymond, M., & Barkat-Defradas, M. Vocal behavior within competitive and courtship contexts and its relation to mating success in humans. *Evolution and Human Behavior* 39, 684-691.
- 2018 **Suire, A.**, Raymond, M., & Barkat-Defradas, M. Voix et sélection sexuelle : une approche interdisciplinaire. XXXI<sup>e</sup> Journées d'Études sur la Parole, 4-8 juin, Aix-en-Provence, France.
- 2018 **Suire, A.**, & van Baalen, M. Rumour propagation and the eco-evolutionary dynamics of social information use. *Proceedings of the Royal Society: B*, 285(1875), 20180088.

### Book chapters

- 2020 Barkat-Defradas, & **Suire, A.** Vocal preferences in men and women in "Voice Attractiveness: Biological and Social Insights" by Barkat-Defradas, M., Weiss, B., Trouvain, J. & Ohala, J. Springer.
- 2020 **Suire, A.**, Raymond, M., & Barkat-Defradas, M. Voice, Sexual Selection and Reproductive Success in "Voice Attractiveness: Biological and Social Insights" by Barkat-Defradas, M., Weiss, B., Trouvain, J. & Ohala, J. Springer.

### Manuscripts under review

- Suire, A.**, Tognetti, A., Durand, V., Raymond, M., & Barkat-Defradas, M. The influence of sexual orientation and circulating testosterone levels on speech acoustic features. *Archives of Sexual Behavior*.

**Suire, A.,** Raymond, M., & Barkat-Defradas, M. Lost in translation: sound symbolic patterns in French Pokémon names. *Phonetica*.

### Manuscripts in preparation

**Suire, A.,** Durand, V., Raymond, M., & Barkat-Defradas, M. Human vocal modulation within mate choice: a preliminary study from a real speed-dating context.

**Suire, A.,** Raymond, M., & Barkat-Defradas, M. Men's preferences for women's vocal features: pitch, timber, intonation, roughness, breathiness and rhythm.

**Suire, A.,** Raymond, M., & Barkat-Defradas, M. Perceptions of masculinity and femininity in first names are driven by sound symbolic patterns.

## Funding & Grants

---

- 2018 – 2019 Science and Arts collaborations – Le Fresnoy, National Studio of Contemporary Arts, (€9400)
- 2017 – 2018 “Junior Research Team” - Mediterranean Centre for Environment and Biodiversity Laboratory of Excellence (CeMEB LabEx), (€7000)
- 2016 – 2019 PhD Studentship, French Ministry of Research, (€50000) (36 months)

## Collaborative Research Projects

---

- 2020 – 2022 Vocal communication and decision making in collective movements in olive baboons (*Papio anubis*) (w/ Akiko Mastumoto-Oda, University of the Ryukyus, Okinawa)
- 2020 – Influence of ecological habitats on vocal quality across the world's languages (w/ Yohann Chauvier, WSL, Zurich)
- 2020 – Vocal preferences from an intercultural perspective (w/ Arnaud Tognetti, Karolinka Institute, Stockholm)
- 2019 – Competitive vocalizations in an Old-World primate (*Papio ursinus*) (w/ Alice Baniel, University of Stony Brook, New York)
- 2016 – 2019 The evolutionary function of the human voice within competitive and mate choice contexts (w/ Melissa Barkat-Defradas & Michel Raymond, University of Montpellier)
- 2016 – 2019 Sound symbolism and sexual selection in proper names (w/ Melissa Barkat-Defradas & Michel Raymond, University of Montpellier)
- 2015 – 2016 A theoretical approach to the dynamics of social information use in living organisms (w/ Minus van Baalen, Ecole Normale Supérieure, Paris)

## Teaching & Supervision

---

- 2020 **Anthony Anthos (MSc.)** The influence of phonemes on the perception of facial attractiveness, University of Lyon
- 2019 **Julie Dagorette (BSc.)** Acoustic analyses of dyadic competitive interactions in humans, University of Montpellier
- 2019 **Margaux Lefèvre (BSc.)** Acoustic analyses of competitive vocalizations (“wahoo”) in male chacma baboons, University of Montpellier
- 2018 **Jennifer Gouragne (Speech therapy student)** Acoustic analyses of heterosexual and homosexual men, University of Montpellier

- 2018 **Alba Bossoms Mesa (MSc.)** Sound symbolism in French first names, University of Montpellier
- 2018 **Principles in ecology and evolution for first year undergraduates**, University of Montpellier

## Conference talks

---

- 2020 **Institute of Evolutionary Sciences**, Montpellier – France. “Male Vocal Quality and Its Relation to Females’ Preferences” (*Invited talk*)
- 2020 **Neuro-Éthologie Sensorielle Team**, Saint-Etienne – France. “The evolution of human speech through sexual selection” (*Invited talk*)
- 2019 **National festival “Pint of Science”**, Montpellier – France. “The origins of human language”
- 2018 **30<sup>th</sup> Conference of the Human Behavior and Evolution Society**, Amsterdam – Netherlands. “Rumour propagation and the eco-evolutionary dynamics of social information use”
- 2018 **32<sup>ème</sup> Journées d’Étude sur la Parole**, Aix-en-Provence – France. “Voice and sexual selection: an interdisciplinary approach”
- 2018 **13<sup>th</sup> Conference of the European Evolution and Human Behavior Association**, Pécs – Hungary. “Vocal behavior within competitive and courtship contexts and its relation to mating success in humans”
- 2018 **5<sup>th</sup> Young Natural History Scientists’ Meeting**, Paris – France. “Vocal behavior within competitive and courtship contexts and its relation to mating success in humans”
- 2017 **Institute of Advanced Studies**, Toulouse – France. “The origins of human language” (*Invited talk*)

## Conference posters

---

- 2019 **14<sup>th</sup> Conference of the European Evolution and Human Behavior Association**, Toulouse – France. “Sexual selection and sound symbolism in French First names: data from 1900 to 2009”
- 2019 **Second Joint Congress on Evolutionary Biology**, Montpellier – France. “Sexual selection and sound symbolism in French first names: data from 1900 to 2009”

## Professional affiliations

---

- Current European Human Behavior and Evolution Association (EHBEA)  
Human Behavior and Evolution Society (HBES)  
International Speech Communication Association (ISCA)  
Association Francophone de la Communication Parlée (AFCP)  
International Bioacoustics Council (IBAC)
- Past Scientific resident at Le Fresnoy, National Studio of Contemporary Arts – Tourcoing, France

## Computer skills

---

R; Python; Praat; Wolfram Mathematica; MATLAB; PHP/HTML

## Languages

---

French (native); English (fluent); Filipino (intermediate); Japanese (learning)