

DAFREVILLE Mawa

BIRTH 11 February 1993

NATIONALITY French

ADDRESS Department of Ecology and Evolution (DEE)
Biophore - CH-1015 Lausanne
Switzerland

CONTACT

mawa.dafreville@unil.ch

+33 6 31 29 75 57

Education

- 2023 **Diploma of the Bioacoustics Winter School**
ENES lab, Saint-Etienne, France
- 2018-2022 **PhD in Psychology (defended on December 14, 2022)**
Title : Attention-sensitive signalling in a comparative perspective: A developmental and multimodal approach in mother-infant dyads (*Homo sapiens*, *Pan troglodytes*)
Supervision : Prof. Michèle Guidetti, Ph.D. Marie Bourjade
Thesis jury: Prof. Maya Gratier, Ph.D. Adrien Meguerditchian, Prof. Bahia Guellai, Ph.D. Emilie Genty
Global project: [MODAL \(Multimodality in the Origins and Development of Attention and Language\)](#) led by Ph.D. Marie Bourjade
Lab : Cognition, Langues, Language & Ergonomie (CLLE)
University of Toulouse, Jean-Jaurès, France
- 2015- 2017 **MASTER'S DEGREE in Cognitive Sciences**
University of Bordeaux, France
- March 2017 **Primate seminar of the National Museum of Natural History**
Course 1: Behaviors, Non-Human Primate Anatomy, Human Evolution
Course 2: Non-Human Primates and Today's Human Being: Interactions and Conservation
National Museum of Natural History of Paris, France
- 2013 - 2015 **BACHELOR'S DEGREE in Mathematics and Computer Science applied to Human and Social sciences, Main courses in Cognitive Sciences**
University of Bordeaux, France
- 2011 - 2013 **First Year of Medical Study**
University of Bordeaux, Victor Segalen, France
- 2011 - 2013 **Scientific High school diploma, main course in Mathematics**
Bellepierre High school, Saint-Denis de la Réunion, France

Work Experience

- 2023-2025 **Postdoctoral position in Comparative Psychology (Ongoing)**
Title: Human language emergence and mother infant communication thereof: A comparative study between human infants and vervet monkeys (*Homo sapiens*, *Chlorocebus pygerythrus*)
Supervision: Prof. Dr. Erica van de Waal
Co-supervision: Prof. Dr. Simon W. Townsend, Dr. Charlotte Canteloup
Department of Ecology and Evolution (DEE)
University of Lausanne (UNIL), Switzerland
Inkawu Vervet Project (IVP), South Africa
- 2020-2022 **Temporary teacher and researcher (ATER, UT2J)**
In bachelor's degree in psychology

- University of Toulouse Jean-Jaurès, France
- March - July 2018 **Internship, Institute for Advanced Study in Toulouse (IAST)**
Role of Emotions in Learning in the Very Young Child
 with Ph.D. Lauriane RAT-FISHER
 University of Toulouse Capitole, France
- February 2018 **Internship, Cognition, Langues, Language & Ergonomie (CLLE)**
Intentionality and Multimodal Communication of the Young Infant
 with Ph.D. Marie BOURJADE
 University of Toulouse Jean-Jaurès, France
- September 2017 - January 2018 **Internship, Cognition, Langues, Languages & Ergonomic (CLLE)**
Cooperation in Olive Baboons: Performance and Communication
 with Ph.D. Marie BOURJADE
 Station de Primatologie (SdP), CNRS, UPS846, Rousset, France
- 2015 - 2017 **Internships, Center of Social Learning and Cognitive Evolution (SLaCE)**
Gestural Communication of the Immature Chimpanzee – Primatology
 with Ph.D. Catherine HOBATER
 University of Saint-Andrews, United-Kingdom

Recent grants

2023-2025	Fyssen Foundation – Research grant (90 000 €)	Postdoctoral grant
2022	Université Jean Jaurès, Toulouse – AMID (1600 €)	Scientific communication (Ottawa)
2021	CNRS- SMID (1000 €)	Fieldwork grant (Kenya)
2019	Université Jean Jaurès, Toulouse – AMID (1000 €)	Scientific communication (Lisbon)
2018-2021	Conseil Régional de la Réunion – Research grant (50 000 €)	Doctoral grant

Publications

1. Articles in Peer-Reviewed Journals and Working Papers

- Dafreville, M.**, Guidetti, M., Bourjade, M. Attention-sensitive signalling by 7- to 20-month-old infants in a comparative perspective. *Frontiers in Psychology*, 15. <https://doi.org/10.3389/fpsyg.2024.1257324>
- Dafreville, M.**, Guidetti, M., Bourjade, M. Beyond pointing gestures: Attention-sensitive communication in 7-to-20-month-old infants develops pragmatic skills (2024) *Infancy*, 1–17. <https://doi.org/10.1111/infa.12577>
- Bourjade, M., **Dafreville, M.**, Scola C., Jover M., Six-month-old infant’s communication in a comparative perspective: how do maternal attention and interaction matter? (2023) *Journal of Experimental Child Psychology*, 231. <https://doi.org/10.1016/j.jecp.2023.105651>
- Dafreville, M.**, Hobaiter, C., Guidetti, M., Sillam-Dussès, D., Bourjade, M. Sensitivity to the communicative partner’s attentional state: a developmental study in the wild chimpanzee (*Pan troglodytes schweinfurthii*) (2021). *American Journal of Primatology*, 83(12). <https://doi.org/10.1002/ajp.23339>

2. International Conferences

Oral communication:

Dafreville, M., Canteloup, C., van de Waal, E. (2024, February). *Human language emergence and mother-infant communication in primates: A developmental and comparative study*. Oral presentation at the Culture Conference, Zurich, Switzerland.

Dafreville, M., Scola, C., Jover, M., Bourjade, M. (2019, September). *Tactical Use of Multimodal Communication by Six-month-old Human Infants*. Oral presentation at the 6th Protolang Conference, Lisbon, Portugal.

Dafreville, M., Hobaiter, C. (2018, August). *Sex Differences in Immature Chimpanzee Play Communication*. Oral presentation at the 7th Conference of the European Federation of Primatology (EFP), Strasbourg, France.

Scientific poster:

Dafreville, M., Guidetti, M., Bourjade, M. (2022, July). *Sensitivity to the mother's multimodal attention state : A developmental study on mother-infant dyads in naturalistic setting*. Graphic presentation at the International Congress of Infant Studies (ICIS), Ottawa, Canada.

Rat-Fischer, L., **Dafreville, M.**, & Esseily, R. (2019, March). *Coupling Behavioral and Physiological Measures to Study the Interplay between Emotions and Learning in Babies*. Graphic presentation at the 3rd Biennial International Convention of Psychological Science (ICPS), Paris, France.

Dafreville, M., Esseily, R., & Rat-Fischer, L. (2018, May). *Use of Behavioral and Psychophysiological Data in the Study of Humor and Learning in Babies*. Graphic presentation at the 6th Toulouse Economics and Biology Workshop: Evolution, Cognition & Rationality, Toulouse, France.

3. National Conferences and Workshops

Oral communication:

Dafreville, M., Bourjade, M., Guidetti, M. (2020, November). *Communication Multimodale et Attention Sociale : vers une Hypothèse Multimodale des Origines Du Langage Humain*. Conference organised by the Laboratoire d'Ethologie Expérimentale et Comparée (LEEC), Paris, France. (invited)

Dafreville, M., Bourjade, M., Guidetti, M. (2019, May). *Communication Multimodale et Attention Sociale : vers une Hypothèse Multimodale des Origines Du Langage Humain*. Oral presentation at the Printemps des Jeunes Chercheurs CLLE, Toulouse, France.

Scientific poster:

Dafreville, M., Bourjade, M., Guidetti, M. (2020, January). *Communication Multimodale et Attention Sociale : vers une Hypothèse Multimodale des Origines Du Langage Humain*. Graphic presentation at the International Society for Gesture Studies (ISGS) – France, Paris, France.

Dafreville, M., Bourjade, M., Guidetti, M. (2019, March). *Communication Multimodale et Attention Sociale : vers une Hypothèse Multimodale des Origines Du Langage Humain*. Graphic presentation at the 10^{ème} Journée Scientifique des Doctorants (JSDOC) of CLESCO, Toulouse, France.

Dafreville, M., Hobaiter, C. (2016, October). *Communication Gestuelle du Jeune Chimpanzé à travers le Jeu*. Graphic presentation at the 29^{ème} conférence de la Société Française de Primatologie (SFDP), Paimpont, France.

Skills

LANGUAGES French, English, Spanish
COMPUTER Microsoft office, Internet
PROGRAMMING R, Python, HTML5, CSS, PHP, SAS, SciLab

Field Experience

February – **DATA COLLECT**
October 2024 **Observer**, iNkawu Vervet Project (IVP)
Mawana Game Reserve (KwaZulu-Natal, South Africa)

September - **DATA COLLECT**
October **Observer**, Uaso Ngiro Baboon Project (UNBP)
2021 *Chololo Ranch (Laikipia Plateau, Kenya)*

July - August **PRIMATE CONSERVATION**
2016 **Eco-volunteer**, Ape Action Africa,
Mefou Primate Sanctuary of Cameroon (Ndangang village, Cameroon)

Teaching Experience

2018-2023 **Bachelor in Psychology**
Methodology of scientific observation (120h to students in the second year of the Bachelor's degree); Developmental Psychology (146h to students in the first year of the Bachelor's degree)
Université de Toulouse Jean Jaurès, France.

2019-2021 **Bachelor in Engineering Sciences**
Communication & Expression (36h to students in the second year of the Bachelor's degree)
Institut National des Sciences Appliquées (INSA) de Toulouse, France.

Professional Membership

Association for the Study of Animal Behaviour (ASAB)
European Federation of Primatology (EFP)
French Associations for the Sciences Cognitive Vulgarization (Mindlab, Incognu)