

PROF. DAVID REBY

Born 29.08.1970 in Limoges, France. Married, 1 Child.
Fluent in French & English.

CURRENT POSITION (UNIVERSITY OF ST ETIENNE, FRANCE)

PROFESSOR, CLASSE EXCEPTIONNELLE (PREX 2)
ENES BIOACOUSTIC RESEARCH LAB,
UNIVERSITÉ JEAN MONNET (LYON / ST. ETIENNE)
IUF SENIOR MEMBER (2021-2026)
COCNRS ELECTED MEMBER (2021-2023)
NATIONAL GEOGRAPHIC EXPLORER



CAREER HISTORY (UNIVERSITY OF SUSSEX, BRIGHTON)

- 2017- 2019: Professor of Ethology.
- 2013 - 2017: Reader in Psychology.
- 2007 - 2013: Senior Lecturer in Psychology.
- 2003 - 2007: Lecturer in Psychology.
- 2002 - 2003: Tutor in Psychology.
- 2000 - 2002: Marie Curie Postdoctoral Fellow.
- 1999 - 2000: Fyssen Foundation Postdoctoral Fellow.

EDUCATION (UNIVERSITE PAUL SABATIER, TOULOUSE)

- 1994 - 1998: PhD in Biology of Behaviour. Institut de Recherche sur les Grands Mammifères (INRA Toulouse). Subject: Vocal communication in deer.
- 1993 - 1994: Diplôme d'Etude Approfondies in Behavioural Sciences and Cognitive Neurosciences.

PRIZES, AWARDS AND OTHER INDICATORS OR ESTEEM:

- 2020 - onward: visiting professor at Sussex University
- 2009 Cozzarelli (PNAS) Prize for an outstanding paper in the field of Social and Behavioural Sciences
- 2015 Student-led award for Outstanding Support for the Learning Experience of Students
- 2016 Award for Excellence in Teaching.
- 2007 - present: Associate editor for *PLoS ONE*
- 2019 - present: Associate editor for *Bioacoustics*
- 2012 - 2019: Invited Professor, Université St. Etienne (2 months per year).
- 2009 - present: invited professor at Université du Maine, Le mans (2 months), Université de Nanterre, Paris (1 month), University of Hong Kong (10 days), Université of Orsay, Paris (1 month).
- 2018 – present: international assessor for Irish Research Council
- Regular referee for *Current Biology*, *Nature Communications*, *Proceedings B*, *Biology Letters*, *Journal of Experimental Biology*, *Animal Behaviour*, *Animal Cognition* etc.

TEACHING:

I have created and currently direct the international Master of Bioacoustics (MoBi). I have previously organised and taught courses on *Animal Behaviour*, *Evolution of Communication*, *Cognitive Psychology*, *Human speech (developmental and evolutionary perspectives)*, *Linear Models (SPSS)*, *Voice analysis and resynthesis (Praat)* at undergraduate and postgraduate level.

PHD AND POSTDOCTORAL SUPERVISION:

I currently supervise 4 PhD student, 1 Research assistant and 1 postdoc funded by a EU Marie-Curie grant and my ANR SCREAM grant. I have previously supervised 14 PhD students to completion (between 2003 and 2025). I have also supervised 10 post-docs, supported by grants or fellowships from EU, SSHRC, Fyssen Foundation, NSF, BBSRC and the Leverhulme Trust, on topics ranging from herring gull vocal communication to human voice modulation and nonverbal vocalisations.

MAJOR ADMINISTRATIVE ROLES:

- 2021-2023: Elected member of the French National Committee for Scientific Research
- 2021-onward: Director of the International Masters of Bioacoustics
- 2003 - 2019: Co-Founder and Co-director of Mammal Vocal Communication and Cognition Research Group (~ 2 faculty, 4 postdocs, 4 PhD students)
- 2015 - 2017: Chair of Ethics Committee (Psychology, Informatics & Life Sciences)
- 2013 - 2015: Deputy Director of Student Experience
- 2009 - 2013: Deputy Chair / Chair of the Psychology Exam board

FUNDING:

I have been awarded over 3M euros, including grants from EU (seeing sound, 284k), ANR (Form and function of human nonverbal vocalisations, € 400k), IDEXLYON (Vocal communication: a comparative approach, € 1.2M), *The Leverhulme Trust* (Voice and Sex Stereotypes £ 222k), *BBSRC* (How dogs hear us £ 310k), and fellowships from *EU Marie Curie* (Voice Modulation, € 183k), *SSHRC* (Voice Modulation, CA\$ 81k), *Leverhulme Trust* (Koala vocal communication, £ 55k), *NSF* (Deer communication, US\$ 180k).

PEER-REVIEWED PUBLICATIONS IN INTERNATIONAL JOURNALS:

I have published **147 articles** in international peer-reviewed journals (including 1 *TiCS*, 3 *PNAS*, 5 *Current Biology*, 3 *Nature Communications*), which have attracted **9313 citations** (Google Scholar *h-index*: 53).

KEY PUBLICATIONS:

- Lefevre et al. (2026). The high fundamental frequency in horse whinnies is generated by an aerodynamic whistle, *Current Biology*, 36 (4), 902 - 911
- Canessa-Pollard, V., Anikin, A., & Reby, D. (2025). Chants across seven traditions share acoustic traits that enhance subjective relaxation. *PNAS*, 122(35)
- Massenet, M., Philippe, R., Pisanski, K., Arnaud, V., Barluet de Beauchesne, L., Reynaud, K., Mathevon, N., & Reby, D. (2024). Puppy whines mediate maternal behavior in domestic dogs. *PNAS*, 121(22).
- Pisanski, K., Reby, D. Efficacy in deceptive vocal exaggeration of human body size. *Nature Communications* 12, 968 (2021)
- Charlton BD, Taylor, A.M., Reby, D. (2017). Function and Evolution of Vibrato-like Frequency Modulation in Mammals. *Current Biology* 27, 2692.
- Charlton BD & Reby D (2016). The evolution of acoustic size exaggeration in terrestrial mammals. *Nature Communications*. 7:12739.
- Pisanski K, Cartei V, McGettigan C, Raine J & Reby D. (2016). Voice modulation: A window into the origins of human vocal control? *Trends in Cognitive Sciences* 20: 4.
- Ratcliffe VF, & Reby D (2014). Orienting Asymmetries in Dogs' Responses to Different Communicatory Components of Human Speech. *Current Biology* 24, 2908-2912.
- Charlton BD, Frey R, McKinnon AJ, Fritsch G, Fitch WT & Reby D (2013). Koalas use a novel vocal organ to produce unusually low-pitched mating calls. *Current Biology* 23, R1035-R1036

I have given **20 Invited talks at International Conferences** (e.g. IBAC, IEC, ASA, ISAE), including **6 plenary talks**. In august 2019 I organised the 2019 International BioAcoustics Conference in Brighton.