Ricarda BRIEKE

University College London • 26 Bedford Way, London, WC1H 0AP, UK • r.brieke@ucl.ac.uk
ricardabrieke.com

Education

PhD University College London (UCL) **2021 – Present**
Department of Experimental Psychology
Dissertation in Developmental and Social Psychology: Effects of Diversity Exposure on Social Orienting and Face Identity Perception – Evidence from Bilingual and Biracial Infants, Preschoolers and Adult Participants
Advisors: Prof Lasana Harris (UCL) & Prof Natasha Kirkham (Birkbeck)

Visiting Scholar at Duke University **2024**
Department of Psychology and Neuroscience
Visiting Researcher on a BOGUE Research Fellowship in the Wilbourn Infant Lab at Duke (WILD); Advisor: Prof Makeba Wilbourn

2016 – 2017
Master in Cognitive Science and Language, University of Barcelona
Psychology Track, With Distinction
Thesis: The Influence of Linguistic Background on Selective Attention to the Talking Face in 15-month-old Infants
Extraordinary Masters Award for exceptional achievements in the 2016/17 cohort

Professional Research Experience (Pre-PhD)

Research Affiliate **November 2024 – Present**
Department of Psychology and Neuroscience
Research Affiliate in the Wilbourn Infant Lab at Duke (WILD)

Research Assistant (Full-time) **2018 – 2020**
Language and Cognition Lab, UCL
• Worked on the project: Ecological Language (ECOLANG): A multimodal approach to language and the brain, PI: Prof. Gabriella Vigliocco
• Developed and implemented a novel, semi-naturalistic research design involving audio-visual speech recording, head-mounted eye-tracking and motion-tracking to create the ECOLANG corpus
• Personally recruited and tested over 70 individuals and families in their homes in the greater London area
• Trained and mentored students on annotation of the ECOLANG corpus

Research Assistant (Part-time)
APAL Infant Lab, University of Barcelona **2016 – 2017**
• Ran experiments on infant attention, perception, and language acquisition
• Cleaned and analysed datasets from infant eye tracking experiments

Teaching

Eye-Tracking in Infant Populations – Theory and Practice (Workshop) **2024, 2025, 2026**
Duke University, WILD Lab
• Hosted a self-developed workshop on eye tracking, covering fundamentals of the Pupil-center corneal reflection (PCCR) method, applications in infant research, software & best practices for running eye-tracking studies with infants

Introduction to Statistical Methods and Programming Using R **2021/2022**
Division of Psychology and Language Sciences (PALS), UCL **and 2022/2023**
• Led weekly 90-minute practical sessions of about 30 students on statistical methods and programming in RStudio (tidyverse)
• Offered weekly drop-in sessions for one-to-one support & marking of weekly programming assignments

Psychology Writing Lab
Division of Psychology and Language Sciences (PALS), UCL
• Provided workshops to teach BSc and MSc Psychology Students requisite writing skills to disseminate scientific research **2022/2023**

Research and Quantitative Methods in Psychology
Department of Experimental Psychology, UCL
• Led weekly sessions of about 20 students on how to conduct psychological research from experimental design to data analysis, covering a diverse range of areas in Psychology **2021/2022**

Assistant Internal Examiner
Department of Experimental Psychology, UCL
• Marked 1st-year Psychology BSc module Evidence and Enquiry (2022 and 2023) and 2nd-year Psychology BSc module Brain and Behaviour **2021 – Present**
• Marked MSc Social Cognition dissertations (2022 and 2023)

Publications

Harris, L. & **Brieke, R.** (2026). The Developmental and Neuroscience Foundations of Social Bias Formation and Implications for Interventions. In V. M. Esses, J. F. Dovidio, J. Jetten, D. Sekaquaptewa, & K. West (Eds.), *The Sage Handbook of Psychological Perspectives on Diversity, Equity, and Inclusion* (pp. 64–79). SAGE Publications.

Gu, Y., Donnellan, E., Grzyb, B., Brekelmans, G., Murgiano, M., **Brieke, R.**, Perniss, P. & Vigliocco, G. (2025). The ECOLANG Multimodal Corpus of adult-child and adult-adult Language. *Scientific Data 12*(89). https://doi.org/10.1038/s41597-025-04405-1

Motamedi, Y., Murgiano, M., Grzyb. B., Gu, Y., Kewenig, V., **Brieke, R.**, Donnellan, E., Marshall, C. R., Wonnacott, E., Perniss, P. & Vigliocco, G. (2024). Language development beyond the here-and-now: Iconicity and displacement in child-directed communication. *Child Development, 95, 1539–1557*. https://doi.org/10.1111/cdev.14099

Birulés, J., Bosch, L., **Brieke, R.,** Pons, F., & Lewkowicz, D. J. (2019). Inside bilingualism: Language background modulates selective attention to a talker's mouth. *Developmental science, 22*(3), e12755. https://doi.org/10.1111/desc.12755

Manuscripts in Preparation

Brieke, R., Mahdaoui El Karouhe, M., Harris, L. (Manuscript in Preparation). Does Greater Diversity in Preschoolers' Communicative Environments Increase Social Orienting? Invited full manuscript submission for Special Issue of *Infant and Child Development*.

Brieke, R., Harris, L., Wilbourn, M., & Kirkham, N. (Manuscript in Preparation). Bilingual Exposure Supports Own- and Other-Race Face Recognition in 9-Month-Old Infants Raised in a Multi-Ethnic City.

Brieke, R., Harris, L., Wilbourn, M., & Kirkham, N. (Manuscript in Preparation). Boundaries of the Other-Race Effect in Monoracial and Biracial Individuals – Evidence from a Morphing Paradigm.

Invited Talks and Conference Presentations

Brieke, R. (June 2026). Linguistic and Racial Diversity Shapes Face Perception in the First Year of Life and Beyond – Evidence from Multilingual and Multiracial Population. *International Summer School and Symposium for Junior Researchers in Early Childhood Education and Development 2026, The Education University of Hong Kong.*

Brieke, R. (April 2026). Bilingual and Biracial Racial Contact Effects on Face Identity Perception in Infancy and Adulthood. *Invited Seminar Talk, University of Barcelona.*

Brieke, R. (February 2026). Bilingual Exposure Supports Own- and Other-Race Face Recognition in 9-Month-Old Infants Raised in a Multi-Ethnic City. *Invited Guest Lecture, University of Pittsburgh.*

Brieke, R. (December 2025). From Exposure to Expression – How Linguistic and Racial Diversity Shapes Face Recognition in the First Year of Life and Beyond. *Invited Seminar Talk, Justus-Liebig-Universität Giessen.*

Brieke, R., Harris, L., Wilbourn, M., & Kirkham, N. (2025). From Exposure to Expression – Linguistic and Racial Diversity Shapes Own- and Other-Race Face Recognition in the First Year of Life and Beyond. *Lancaster International Conference on Infant & Early Child Development (LCICD).*

Brieke, R., Wilbourn, M., Kirkham, N., Harris, L. (2025). Boundaries of the Other-Race Effect in Monoracial and Biracial Individuals – Evidence from a Morphing Paradigm. *APS Annual Convention.*

Brieke, R., Harris, L., Wilbourn, M., & Kirkham, N. (2025). The Role of Diverse Experience on Preverbal Infants' Facial Mimicry of Own- and Other-Race Faces. *Society for Affective Science Annual Conference.*

Brieke, R., Wang, C., & Harris, L. (2024). Language and Culture Interact in Moral Decision-Making. *Proceedings of the Annual Meeting of the Cognitive Science Society, 46*. https://escholarship.org/uc/item/7np3f5c1

Brieke, R., Harris, L., Wilbourn, M. & Kirkham, N. (2024). Effects of Diversity in Face and Language Exposure on Infants' Early Face Race Perception. *XXIV International Congress of Infant Studies.*

Brieke, R., Harris, L., Wilbourn, M., & Kirkham, N. (2023). Early Language Exposure Affects Face Perception in 9-Month-Old Infants. *Lancaster International Conference on Infant & Early Child Development (LCICD).*

Brieke, R., Harris, L., Wilbourn, M., & Kirkham, N. (2023). Bilingual Exposure Affects Face Recognition in 9-Month-Old Infants Raised in a Multi-Ethnic City. *Proceedings of the Annual Meeting of the Cognitive Science Society, 45*. https://escholarship.org/uc/item/0n9978r2

Brieke, R., Harris, L., Wilbourn, M., & Kirkham, N. (2023). Effect of Language Exposure on the Other-Race Effect in 9-Month-Old Infants Raised in a Multi-Ethnic City. *19th General Meeting of the European Association of Social Psychology.*

Kewenig, V.*, **Brieke, R**.*, Gu, Y., & Vigliocco, G. (2021). Do you hear how BIG it is? Iconic Prosody in Child Directed Language Supports Language Acquisition. *Proceedings of the Annual Meeting of the Cognitive Science Society, 43*. https://escholarship.org/uc/item/5sg7k9hm

Kewenig, V.*, **Brieke, R**.*, Vigliocco, G., Gu, Y. (2020). From experience to language: The role of iconic prosody. *UK Cognitive Linguistics Conference.*

Ongoing Projects

The Contact Hypothesis Revisited: Face Recognition of White, Black and East-Asian Dynamic Faces in Monoracial and Biracial 9-month-old infants. *(joint with Wallenstrom, S., Wilbourn, M., Harris, L., & Kirkham, N.)*

Do Environments with Higher Communicative Diversity Improve Face Processing? Testing Bilingual Young Adults in Barcelona on Face Discrimination of White, Black and East-Asian Dynamic Morphed Faces. *(joint with Lombardía, C., Pons, F.)*

ManyBabies 9: Perceptual Specialization. Replication and extension of previous face perception studies through comparison of perceptual specialization for familiar-race faces in Multiracial/Multiethnic contexts and Monoracial/Monoethnic contexts. *(joint with Pickron, C., Guy, M., Klotz, S., Moulson, M., Scifo, L.)*

Cross-Race Emotion Discrimination in Infancy: Monoracial and Biracial Infants' Attentional Bias for Fearful Faces in Response to Own- and Other-Race Faces at 9 and 18 months. *(joint with Wilbourn, M., Harris, L. & Kirkham, N.)*

Student Supervision

Sam Wallenstrom (Duke University, class of 2025)	**2024/2025**
Karen Cheng (BSc Psychology and Language Sciences, UCL)	
Mariam Mahdaoui El Karouhe (BSc Psychology and Language Sciences, UCL)	**2023/2024**
Chunru Wang (MSc Social Cognition, UCL)	
Xinyi Wang (MSc Social Cognition, UCL)	**2022/2023**
Arthur Assant (BSc Human Sciences, UCL)	

Awards and Funding

The Charlotte and Yule **Bogue Research Fellowship** in Honour of Sir Charles Lovatt Evans and A.J. Clark • Fellowship awarded to post-doctoral researchers or postgraduate students to visit a research lab in North America (£5,900.00 total direct costs)	**2023**
Extraordinary Masters Award for exceptional achievements in the 2016/2017 cohort	**2017**

Professional Memberships

Association for Psychological Science
Cognitive Science Society
International Congress on Infant Studies
Society for Affective Science
European Association of Social Psychology

Skills

General: Research project management, student supervision and teaching, extensive experience with eye-tracking and behavioural testing of infant, child and adult populations, cultural competency

Languages: English (Fluent), German (Native), French (Good command), Spanish (Good command), Mandarin Chinese (Beginner)

Programming and Software: R, Python, Gorilla Experiment Builder, LOOKIT, PsychoPy, PyHab, ELAN, Audacity, Praat, Zotero, various Photo and Video Editing and Morphing Software for Stimulus Creation