CURRICULUM VITAE
Kristen A. Baker, PhD

School of Psychology
Keynes College, A2.06
University of Kent
Canterbury, UK. CT2 7NP

Citizenship: Canadian
Personal Website: link
University Website: link

ACADEMIC POSITIONS HELD

2025–Present British Academy Postdoctoral Fellow, University of Kent
Mentor: Markus Bindemann

2023–2025   Newton International Fellowship (Royal Society), University of Kent.
Mentor: Markus Bindemann

FORMAL EDUCATION

2023   Ph.D., Psychology (Behavioural and Cognitive Neuroscience) at Brock University
Dissertation: *Unfamiliar and newly learned face identification: An examination of individual differences.*
Supervisor: Catherine J. Mondloch

2018   M.A., Psychology (Behavioural and Cognitive Neuroscience) at Brock University
Dissertation: *Recognition and discrimination: Is there a role for context in face learning?*
Supervisor: Catherine J. Mondloch

2016   B.A., Psychology (Honours with First-Class Standing) at Brock University
Honour's Thesis: *Paying attention to predictive coding.*
Supervisor: Stephen M. Emrich

FUNDING

EXTERNAL FUNDING   (Total)

2025 - 2028	British Academy Postdoctoral Fellowship	£382,271
2023 - 2025	Royal Society's Newton International Fellowship	£141,738
2022	Ontario Graduate Scholarship	$15,000
2019 - 2022	Natural Sciences and Engineering Research Council of Canada (NSERC) CGS-D	$105,000
2019	Ontario Graduate Scholarship	$15,000-declined
2017	Ontario Graduate Scholarship	$15,000
2016	Ontario Graduate Scholarship	$15,000

INTERNAL FUNDING

2022	FOSS Research Fellowship (Brock University)	$4,000
2021	Research Fellowship (Brock University)	$2,300
2020	FOSS Graduate Student Covid Scholarship (Brock University)	$1,000
2019	FOSS Student Research Award (Brock University)	$1,500
2016 - 2019	Research Fellowship and FGS Match (Brock University)	$10,000
2018	DGS Entrance Scholarship (Brock University)	$2,000
2016 - 2018	DGS Excellence Scholarship (Brock University)	$4,999
2016	DGS Entrance Scholarship (Brock University)	$2,000
2015	Match of Minds Award (Brock University)	$5,000

ACADEMIC DISTINCTIONS AND AWARDS

2023	CPA Certificate of Academic Excellence	N/A
2021	Wendy Murphy Memorial Award	$3,000
2016	Muriel and Arnold Bennett Student Bursary	$1,000
2015	York University CVR Summer School Program	N/A
2015	Inquiring Minds Award (Match of Minds)	$6,422
2014 - 2016	Deans' Honour List	N/A

RESEARCH ACTIVITIES

Note. * indicates a student co-author

REFEREED JOURNAL ARTICLES

Baker, K.A., Mondloch, C.J., Hancock, P.J.B., & Bindemann, M. (Accepted) A criterion-placement theory of face matching. *Cognition*. 1-35.

Baker, K.A. & Bindemann, M. (2025) Decision-making framing in facial image comparison. *Journal of Applied Research in Memory and Cognition*, 1-38. Advanced online publication.

*Stabile, V. J., **Baker, K.A.,** & Mondloch, C.J. (2024). An economic approach to unfamiliar face matching: Effects of base rates, payoffs, and perceptual discriminability. *Journal of Applied Research in Memory and Cognition*. 13(4), 569–581.

Baker, K.A. & Mondloch, C.J. (2023) Unfamiliar face matching ability predicts the slope of face learning. *Scientific Reports,* 13, Article 5248.

Baker, K.A., *Stabile, V. J., & Mondloch, C.J. (2023). Stable individual differences in unfamiliar face identification: Evidence from simultaneous and sequential matching tasks. *Cognition*, 232, Article 105333.

Baker, K.A. & Mondloch C.J. (2022). Picture this: Photographers no better than controls for recognizing unfamiliar faces. *Perception, 51*(8), 591-595.

Laurence, S., **Baker, K.A.**, Proietti, V.M., & Mondloch, C.J. (2022). What happens to our representation of identity as familiar faces age? Evidence from priming and identity aftereffects. *British Journal of Psychology, 113*(3), 677-695.

Baker, K.A., & Mondloch, C.J. (2019). Two sides of face learning: Improving between-identity discrimination identities while tolerating more within-person variability in appearance. *Perception*, *48*(11), 1124-1145.

Zhou, X., Matthews, C.M., **Baker, K.A.**, & Mondloch, C.J. (2018). Becoming familiar with a newly encountered face: Evidence of an own-race advantage. *Perception*, *47*(8), 807-820.

Baker, K.A., Laurence, S., & Mondloch, C.J. (2017). How does a newly encountered face become familiar? The effect of within-person variability on adults' and children's perception of identity. *Cognition*, *161*, 19-30.

MANUSCRIPTS IN SUBMISSION (data collection complete)

*Nguyen, A., **Baker, K.A.,** *Nullmeyer, M., *Damaso, K., & Mondloch, C.J. (2025). Noise in the signal: A systematic investigation of the influence of sources of variability on face learning. Paper to be submitted to *Cognition*.

MANUSCRIPTS IN PREPARATION (data collection complete)

Baker, K.A., *Stabile, V.J., & Mondloch, C.J. (2025). Context does not aid spontaneous recognition of familiar faces. Paper to be submitted to *Perception* in October.

*Brenock, N., **Baker, K.A.,** & Bindemann, M. (2025) Choice blindness in Unfamiliar face matching: An examination of feature lists. Paper to be submitted to *JARMAC* in November.

Baker, K.A. & Bindemann, M. (2026). Decision-making in unfamiliar face matching: Evidence of a repulsion effect. Paper to be submitted to *Quarterly Journal of Experimental Psychology* in December.

*Brenock, N., Bindemann, M. & **Baker, K.A.** (2026) Individual differences in choice blindness and face matching. Paper to be submitted to *Royal Society- Open Access* in January.

Baker, K.A. & Mondloch, C.J. (2025). Cognitive aging and the slope of face learning: An investigation of individual differences in older and younger adults. Paper to be submitted to *British Journal of Psychology* in January.

PUBLISHED ABSTRACTS

Baker, K.A., *Stabile, V.J., & Mondloch, C.J. (2023). Erring on the side of caution: The influence of base rates, payoffs, and discriminability on face identification performance. *Journal of Vision*, *23*(9), 5438-5438.

Baker, K.A., *Stabile, V.J. & Mondloch, C.J. (2022) Individual differences in face identification performance: Can matching predict face learning efficiency? *Perception, 51*, 67-68.

Mondloch, C.J., *Stabile, V.J., & **Baker, K.A.** (2022) Optimizing face identification performance: The influence of base rates and payoffs? *Perception, 51*, 18.

Baker, K.A., *Stabile, V.J., & Mondloch, C.J. (2022). The reliability, stability and consistency of individual differences across multiple face identification tasks. *Journal of Vision*, *22*(14), 3781-3781.

Baker, K.A., & Mondloch, C.J. (2019). The dynamics of face learning: Insights from similarity ratings. *Journal of Vision*, *19*(10), 138-138.

Baker, K.A., Laurence, S. & Mondloch, C.J. (2018). Building a representation of newly encountered faces: A role for context? *Journal of Vision, 18*(10), 557-557.

Baker, K.A., Laurence, S. & Mondloch, C.J. (2016). How does a newly encountered face become familiar? *Journal of Vision*, *16*(12), 913.

CONFERENCE PRESENTATIONS

Baker, K.A., & Mondloch, C.J. (2025). Individual differences in older and younger adults' face learning efficiency. Talk presented for Canadian Society for Brain, Behaviour and Cognitive Science and Experimental Psychology Society joint meeting, Dundee, Scotland.

Baker, K.A., & Bindemann, M. (2024). Yes, no, maybe-so: An investigation of response option framing on face identification decisions. Talk presented for the European Conference on Visual Perception, Aberdeen, Scotland.

Baker, K.A., & Bindemann, M. (2024). Distinct criterion placement for intermixed face matching tasks. Talk presented for the Experimental Psychology Society's Workshop, Stirling, Scotland.

Baker, K.A., *Brenock, N., & Bindemann, M. (2024). Unfamiliar face identification: Individual differences in ability and decision making. Talk presented for the Experimental Psychology Society Meeting, York, UK.

Baker, K.A., *Brenock, N., *Stabile, V.J., Mondloch, C.J., & Bindemann, M. (2024, March). Unfamiliar face identification: Individual differences in ability and decision making. Talk presented for the Annual Icelandic Vision Meeting, Reykjavík, Iceland.

Baker, K.A., *Stabile, V.J. & Mondloch, C.J. (2023). Erring on the side of caution: The influence of base rates, payoffs, and discriminability on face identification performance. Poster presented at Vision Sciences Society, St. Pete Beach, USA.

Baker, K.A. & Mondloch, C.J. (2023). Individual differences in unfamiliar face matching and the slope of face learning. Poster presented for Lake Ontario Visionary Establishment, Niagara Falls, Canada.

Baker, K.A. & Mondloch, C.J. (2023). I will remember you: Face matching ability predicts the slope of face learning. Talk presented for the Experimental Psychology Society's Meeting, Plymouth, UK.

Baker, K.A., *Stabile, V.J. & Mondloch, C.J. (2022) Individual differences in face identification performance: Can matching predict face learning efficiency? Talk presented for the European Conference on Visual Perception, Nijmegen, Netherlands.

Mondloch, C.J., *Stabile, V.J., & **Baker, K.A.** (2022) Optimizing face identification performance: The influence of base rates and payoffs? Talk presented for the European Conference on Visual Perception, Nijmegen, Netherlands.

Baker, K.A., *Stabile, V.J. & Mondloch, C.J. (2022). The reliability, stability and consistency of individual differences across multiple face identification tasks. Poster presented at Vision Sciences Society, St. Pete Beach, USA.

Baker, K.A. & Mondloch, C.J. (2019). The dynamics of face learning: Insights from similarity ratings. Poster presented at Vision Sciences Society, St. Pete Beach, USA.

Baker, K.A. & Mondloch, C.J. (2018). Building a representation of newly encountered faces: A role for context? Poster presented at Vision Sciences Society, St. Pete Beach, USA.

Baker, K. A., Zhou, X., Matthews, C.M., Wloch, O. & Mondloch, C.J. (2017). How does a newly encountered face become familiar: The role of experience with own- vs. other-race faces. Poster presented at 29th Association for Psychological Science's Annual Convention, Boson, MA, USA.

Matthews, C.M., **Baker, K.A**., Laurence, S. & Mondloch, C.J. (2017), Learning a new face: The influence of variability in appearance on children's perception of identity. Poster presented at Society for Research and Child Development Biennial Meeting. Austin, TX, USA.

Baker, K.A., Laurence, S. & Mondloch, C.J. (2016). How does a newly encountered face become familiar? Poster presented at Vision Sciences Society, St. Pete Beach, USA.

TEACHING ACTIVITIES

LECTURES TAUGHT

2023	Applying Psychology (PSYC 6330) University of Kent
2023-2024	Current Issues in Cognitive Psychology & Neuropsychology (PSYC 8640) University of Kent

TEACHING ASSISTANTSHIPS (weekly seminar leader / lab demonstrator)

2021	Lifespan Development (PSYC 2P12) Brock University
2019 - 2021	History of Psychology (PSYC 4P92) Brock University
2019	Personality and Individual Differences (PSYC 2P25) Brock University
2018, 2020	Perception (PSYC 2P49) Brock University
2018	Human Learning (PSYC 2P45) Brock University
2017, 2019-2020	Cognition (PSYC 2P20) Brock University
2017	Computer Data Analysis (PSYC 3P39) Brock University
2016	Fundamentals of Social Psychology (PSYC 2P30) Brock University

STUDENT RESEARCH SUPERVISON

GRADUATE STUDENTS

PhD Students

2024-current	NB	Cognitive Psychology/ Neuropsychology University of Kent

MSc Students

2023-2024	NB	Cognitive Psychology/ Neuropsychology University of Kent
2023-2024	SJ	Cognitive Psychology/ Neuropsychology University of Kent

UNDERGRADUATE STUDENTS

Final Year Project/Undergraduate Thesis Students

2023-2024	AK	University of Kent
2023-2024	EW	University of Kent
2023-2024	IG	University of Kent
2023-2024	SR	University of Kent
2021-2022	VS	Brock University
2018-2019	MO	Brock University
2017-2018	KP	Brock University

Undergraduate Independent Project Students

2023-2024	LO	University of Kent
2021	VS	Brock University
2020	HM	Brock University
2019	ET	Brock University

OTHER SCHOLARLY ACTIVITIES

INVITED TALKS

Baker, K.A., & Bindemann, M. (2024) Face matching and decision making? Invited talk for Université de Lausanne, Switzerland.

**Baker, K.A., *****Brenock, N., *****Stabile, V.J., Mondloch, C.J., & Bindemann, M. (2024) How do we recognise faces? Invited talk for the Royal Society Lates event. London, UK.

**Baker, K.A., *****Stabile, V.J., Mondloch, C.J., & Bindemann, M. (2023). Decision making in an unfamiliar face matching task. Invited talk for the Forensic Cognition Research group at Open University, UK.

**Baker, K.A., *****Stabile, V.J., Mondloch, C.J., & Bindemann, M. (2023). Considering decisions in unfamiliar face matching. Invited talk for the Forensic Research Group at the University of Bedfordshire. Luton, UK.

Baker, K.A., *Stabile, V.J., Mondloch, C.J., & Bindemann, M. (2023). The challenge of face identification: A role for decision making. Invited talk for the University of Reading's External Seminar Series in the School of Psychology and Clinical Language Sciences. Reading, UK.

OTHER TALKS

Baker, K.A., *Stabile, V.J., Mondloch, C.J., & Bindemann, M. (2023). Decisions, decisions: The challenge of unfamiliar face matching. Talk for The University of Kent (School of Psychology). Canterbury, UK.

Baker, K.A. & Mondloch, C.J. (2018). Is there a role for context in face learning? A within-person variability perspective. Brock Revolutionary Exploratory Workshops on Topics Related to Psychological Science: DATA BLITZ. St. Catharines, Canada.

Baker, K.A., Zhou, X., Matthews, C.M. & Mondloch, C.J. (2017). How does a newly encountered face become familiar: The role of within person variability in learning own-and other-race faces. Brock Revolutionary Exploratory Workshops on Topics Related to Psychological Science: DATA BLITZ. St. Catharines, Canada.

Baker, K.A. & Mondloch, C.J. (2016). How does a newly encountered face become familiar: The role of within person variability in children's and adults' face learning. Brock Revolutionary Exploratory Workshops on Topics Related to Psychological Science: DATA BLITZ. St. Catharines, Canada.

Baker, K.A. & Mondloch, C.J. (2016). The efficiency of adult face learning. Workshop with the Science and Engineering Directorate from Canada Border Services Agency., St. Catharines, Canada

WORKSHOPS ORGANISED/TAUGHT

2024	Dual-process signal detection: Theory and practice.

MEMBERSHIP

2024	Experimental Psychology Society (ordinary member)
2024	European Conference on Visual Perception (postdoctoral member)
2022-2023	Experimental Psychology Society (pre-doctoral member)
2017	Association for Psychological Science (pre-doctoral member)
2016, 2018-2023	Vision Sciences Society (pre-doctoral member)

PROFESSIONAL DEVELOMPENT

ATTENDED WORKSHOPS

2024	Writing your first grant proposal.
2023-2024	Programming in Unity for VR experiments.
2018	EEG frequency-tagging in visual neuroscience: Conceptual and technical advances.
2018	Statement of Teaching Philosophy.
2018	Teaching Dossier.
2018	Ice-breakers and energizers: Strategies to enhance motivation in the classroom.
2018	Mindfully making our way in the classroom.

2018   Sakai for beginners workshop.
2017   Qualtrics workshop.
2017   Software carpentry workshop.
2016   EEG analysis workshop.

SERVICE ACTIVITIES

UNIVERSITY SERVICE

2018-2019   Graduate student representative
                Psychology Department Meetings
                Brock University

2018-2019   Graduate student representative
                Psychology Graduate Committee Meetings
                Brock University

2017-2021   Organization team member
                Psychology Graduate Student Social Committee
                Brock University

2014-2022   Peer Panelist
                Strategies Conference (for students with disabilities)
                Brock University