CURRICULUM VITAE
Kristen A. Baker, PhD

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ACADEMIC POSITIONS HELD
2023 – 2025   Newton International Fellowship (Royal Society), University of Kent.

FORMAL EDUCATION
2018 – 2023	Ph.D., Psychology (Behavioural and Cognitive Neuroscience)	- Brock University
2016 – 2018	M.A., Psychology (Behavioural and Cognitive Neuroscience)	- Brock University
2011 – 2016	B.A., Psychology (Honours with First-Class Standing)	- Brock University

ACADEMIC DISTINCTIONS AND AWARDS
2023	CPA Certificate of Academic Excellence	N/A
2021	Wendy Murphey Memorial Award	Total: $3000 (CAD)
2019	Brock University's Nominee for Vanier (NSERC)	N/A
2016	Muriel and Arnold Bennett Student Bursary	Total: $1000 (CAD)
2015	York University CVR Summer School Program	N/A
2015	Inquiring Minds Award (Match of Minds)	Total: $6422.50 (CAD)
2014 – 2016	Deans' Honour List	N/A
2014	Returning Scholars Award	Total: $1500 (CAD)

FUNDING
EXTERNAL FUNDING
2023-2025	Royal Society's Newton International Fellowship (University of Kent)	Total: £141,738 *(Annual Stipend: £30,744)*
2022	Ontario Graduate Scholarship (Brock University)	Total: $15,000 (CAD)
2019-2022	NSERC CGS-D (Brock University)	Total: $105,000 (CAD)
2019	Ontario Graduate Scholarship (Brock University)	Turned down
2017	Ontario Graduate Scholarship (Brock University)	Total: $15,000 (CAD))
2016	Ontario Graduate Scholarship (Brock University)	Total: $15,000 (CAD)

INTERNAL FUNDING
2022	FOSS Research Fellowship	Total: $4,000 (CAD)
2021	Research Fellowship	Total: $2,300 (CAD)
2020	FOSS Graduate Student Covid Compliance Scholarship	Total: $1,000 (CAD)
2019	Foss Student Research Award	Total: $1,500 (CAD)
2016-2019	Research Fellowship	Total: $5,000 (CAD)
2016-2019	FGS Research Fellowship Match	Total: $5,000 (CAD)
2018	DGS Entrance Scholarship	Total: $2,000 (CAD)
2016-2018	DGS Excellence Scholarship	Total: $4,999.98 (CAD)
2016	DGS Entrance Scholarship	Total: $2,000 (CAD)
2015	Match of Minds Award	Total: $5,000(CAD)

RESEARCH ACTIVITIES

Note. * indicates a student co-author, + indicates co-first authorship, ^ indicates the presenter for a talk/conference

PUBLICATIONS

Peer-reviewed works

*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*. Advance online publication.

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., **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.

Under review

Baker, K.A. & Bindemann, M. (2024) Decision-making framing in facial image comparison. Paper submitted to *British Journal of Psychology*. Submission # BJOP-2024-0253

Data Collection Complete

Baker, K.A., Bindemann, M. & Mondloch, C.J. (2024) Are recognition and discrimination dissociable processes? Paper to be submitted to *Cognition* on June, 2024.

Brenock, N.+, Baker, K.A.+ & Bindemann, M. (2024) Choice Blindness and Face Matching. Paper to be submitted to *Cognition* on August, 2024.

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.

CONFERENCES

Oral presentations

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

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

^Baker, K.A., *Brenock, N., & Bindemann, M. (2024, July). Unfamiliar Face Identification: Individual differences in ability and decision making. Talk accepted 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. & Mondloch, C.J. (2023, April). I will remember you: Face matching ability predicts the slope of face learning. Talk presented at Experimental Psychology Society's Meeting, Plymouth, UK.

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

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

Poster presentations

^Baker, K.A., *Stabile, V.J. & Mondloch, C.J. (2023, May). 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, United States.

^Baker, K.A. & Mondloch, C.J. (2023, February). 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., *Stabile, V.J. & Mondloch, C.J. (2022, May). The reliability, stability and consistency of individual differences across multiple face identification tasks. Poster presented at Vision Sciences Society, St. Pete Beach, United States.

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

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

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

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

^Baker, K.A., Laurence, S. & Mondloch, C.J. (2016, May). How does a newly encountered face become familiar? Vision Sciences Society, St. Pete Beach, United States.

TEACHING ACTIVITIES

LECTURES TAUGHT

Kent University

Applying Psychology	(PSYC 6330)	2023
Current Issues in Cognitive Psychology and Neuropsychology	(PSYC 8640)	2023

TEACHING ASSISTANTSHIPS

Weekly Seminar Leader/ Lab Demonstrator (Brock University)

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

STUDENT RESEARCH-SUPERVISON

GADUATE STUDENTS

MSc Students

N.B. (2023-present)	-	University of Kent (Cognitive Psychology/ Neuropsychology)
S.J. (2023-present)	-	University of Kent (Cognitive Psychology/ Neuropsychology)

UNDERGRADUATE STUDENTS

Final Year Project/Undergraduate Thesis Students

A.K. (2023-2024)	-	University of Kent
E.W. (2023-2024)	-	University of Kent
I.G. (2023-2024)	-	University of Kent
S.R. (2023-2024)	-	University of Kent
V.S. (2021-2022)	-	Brock University
M.O. (2018-2019)	-	Brock University
K.P. (2017)	-	Brock University

Undergraduate Project Students

L.O. (2023-present)	-	University of Kent
V.S. (2021)	-	Brock University
H.M. (2020)	-	Brock University
E.T. (2019)	-	Brock University

OTHER SCHOLARLY ACTIVITIES

PRESENTATIONS

Invited talks

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.
             I led a 3-hour international workshop (online format) which included an introduction to Dual-Process Signal Detection, and a practical session on the basics of Matlab and the ROC toolbox.

MEMBERSHIP

Pre-Doctoral Member, Vision Sciences Society (2023, 2022, 2019, 2018, 2016)
Pre-Doctoral Member, EPS (2023)
Post-Doctoral Member, EPS (2024)
Pre-Doctoral Member, ECVP (2022)
Pre-Doctoral Member, American Psychological Society (2017)

PROFESSIONAL DEVELOMPENT

ATTENDED WORKSHOPS

2024	Writing your first grant proposal
2023-2024	Unity and VR workshop
2018	EEG Frequency-tagging in Visual Neuroscience: Conceptual & 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 for Psychology Department meetings.
2018-2019	Graduate student representative for Graduate Committee meetings.
2017-2021	Psychology Graduate Student Social Committee - Organization team member.
2014-2018, 2021-2022	Peer Panelist for Brock University's Strategies Conference - Gave guidance to first year students with disabilities, including successfully transitioning to university and strategies for success.