

CURRICULUM VITAE

Kristen Baker
School of Psychology
Keynes College, University of Kent
Canterbury
United Kingdom
CT27NP
k.baker-737@kent.ac.uk

FORMAL EDUCATION

2018 – 2023	Ph.D., Psychology Brock University
2016 – 2018	M.A., Psychology Brock University
2011 – 2016	B.A., Psychology (Honours) First-Class Standing Brock University

ACADEMIC DISTINCTIONS AND AWARDS

2021	Wendy Murphey Memorial Award (\$3000)
2019	Brock University's Nominee for the Vanier scholarship (NA)
2019	FOSS Student Research Award (\$1500)
2015	York CVR Summer School Program (NA)
2015	Inquiring Minds Award (Match of Minds; \$6422.50)
2014 – 2016	Deans' Honour List (NA)
2014	Returning Scholars Award

FUNDING

EXTERNAL FUNDING

2023 – 2025	Royal Society's Newton International Fellowship -£131,250.00 (Total), University of Kent.
2022	Ontario Graduate Scholarship - \$15,000 (Total), Brock University
2019 – 2022	NSERC CGS-D - \$105,000 (Total), Brock University
2019	Ontario Graduate Scholarship (Turned down)
2017	Ontario Graduate Scholarship - \$15,000 (Total), Brock University
2016	Ontario Graduate Scholarship - \$15,000 (Total), Brock University

INTERNAL FUNDING (Total)

2022	FOSS Research Fellowship - \$4000
2021	Research Fellowship - \$2300 (Total)
2020	FOSS Graduate Student Covid Compliance Scholarship - \$1000 (Total)
2016 – 2019	Research Fellowship - \$5000 (Total)
2016 – 2019	FGS Research Fellowship Match - \$5000 (Total)
2018	DGS Entrance Scholarship - \$2000 (Total)
2016 – 2018	DGS Excellence Scholarship - \$4999.98 (Total)
2016	DGS Entrance Scholarship - \$2000 (Total)

ACADEMIC POSITIONS HELD

2023 – 2025	Newton International Fellowship (Royal Society). University of Kent.
-------------	--

RESEARCH ACTIVITIES

PUBLICATIONS

Peer-reviewed works

- Baker, K.A.**, Mondloch, C.J. (2023) Unfamiliar face matching ability predicts the slope of face learning. *Scientific Reports* 13, 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, 105333.
- Baker, K.A.** & Mondloch C.J. (2022). Picture this: Photographers no better than controls for recognizing unfamiliar faces. *Perception*.
- 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*.
- 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

- Stabile, V. J., **Baker, K.A.**, & Mondloch, C.J. An Economic Approach to Unfamiliar Face Matching: Effects of Base Rates, Payoffs, and Perceptual Discriminability. Submitted to JARMAC.

Forthcoming (data collection complete)

- Baker, K.A.**, Stabile, V. J. & Mondloch, C.J. Hits and False alarms are related when you take decision-making into account. (Submitting: December, 2023).

Published abstracts

- Baker, K.A.**, Stabile, V.J. & Mondloch, C.J. (Accepted, *Perception*) Individual differences in face identification performance: Can matching predict face learning efficiency?
- Mondloch, C.J., Stabile, V.J., & **Baker, K.A.** (Accepted, *Perception*) Optimizing face identification performance: The influence of base rates and payoffs?
- 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), 138a-138a.
- 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

Talks

- Baker, K.A.** & Mondloch, C.J. (2023, April). I will remember you: Face matching ability predicts the slope of face learning. Talk presented at EPS, Plymouth, England.

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. (Accepted; Conference cancelled due to the Covid-19 pandemic). Individual differences in sensitivity to identity and response bias are consistent across face identification tasks with different judgements. Abstract submitted for Lake Ontario Visionary Establishment, Niagara Falls, Canada.

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. I. (2017, May). How does a newly encountered face become familiar: The role of experience with own- vs. other-race faces. Poster presented at 29th APS Annual Convention, Boston, MA, USA.

Matthews, C.M., **Baker, K.A.,** Laurence, S. & Mondloch, C. I. (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.

Conferences attended

VSS (2023, 2022, 2019, 2018, 2016)

EPS (2023)

ECVP (2022)

Development (2018)

APS (2017)

TEACHING ACTIVITIES

TEACHING ASSISTANTSHIPS

SEMINAR LEADER/LAB DEMONSTRATOR

09/2021 – 01/2022 PSYC 4P92 (History of Psychology)

01/2021 – 05/2021 PSYC 2P12 (Lifespan Development)

09/2020 – 01/2021 PSYC 4P92 (History of Psychology)

05/2020 – 01/2021 PSYC 2P49 (Perception)

01/2020 – 05/2020 PSYC 2P20 (Cognition)

09/2019 – 05/2020 PSYC 4P92 (History of Psychology)

09/2019 – 12/2019 PSYC 2P25 (Personality)

01/2019 – 05/2019	PSYC 2P20 (Cognition)
09/2018 – 12/2018	PSYC 2P49 (Perception)
01/2018 – 05/2018	PSYC 2P45 (Learning)
09/2017 – 12/2017	PSYC 3P39 (Computer Data Analysis)
01/2017 – 05/2017	PSYC 2P20 (Cognition)
09/2016 – 12/2016	PSYC 2P30 (Fundamentals of Social Psychology)

PROFESSIONAL DEVELOPMENT

WORKSHOPS

2018	Workshop in EEG Frequency-tagging in Visual Neuroscience: Conceptual & Technical Advances
2018	Statement of Teaching Philosophy (TA workshop)
2018	Teaching Dossier (TA workshop)
2018	Ice-Breakers and Energizers: Strategies to Enhance Motivation (TA workshop)
2018	Mindfully Making Our Way in the Classroom (TA workshop)
2018	Sakai for Beginners workshop
2017	Qualtrics workshop
2017	Software Carpentry workshop
2016	EEG Analysis workshop

STUDENT RESEARCH-SUPERVISION

2021-2022	Undergraduate Honour's Thesis student (research techniques, programming, data analysis)
2021	USRA undergraduate student (research techniques, programming, data analysis)
2020	USRA undergraduate student (research techniques, data analysis)
2019-2020	Match of minds undergraduate student (research techniques and EEG).
2018-2019	Honour's Thesis Student (programming, data analysis).
2017-2018	High School Mentorship Student (research techniques, data analysis)
2017	Honour's Thesis Student (data analysis).
2016-2017	High School Mentorship Student (research techniques, data analysis)

OTHER SCHOLARLY ACTIVITIES

PRESENTATIONS

- 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

MEMBERSHIP

Pre-Doctoral Member, Vision Sciences Society (2023, 2022, 2019, 2018, 2016)
Pre-Doctoral Member, EPS (2023)

Pre-Doctoral Member, ECVF (2022)

Pre-Doctoral Member, American Psychological Society (2017)

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 Peer Panelist, Brock University Strategies Conference - Each year, four students are chosen based on their educational success at Brock University to be a "Peer Panelist". The function of a peer panelist is to give guidance to first year students with disabilities (i.e., starting their first year at Brock University in September 2016) regarding successful transitioning to university, providing suggestions or strategies for success in university and providing answers to various student questions.