

# CURRICULUM VITAE

## Kristen A. Baker, PhD

School of Psychology  
Keynes College, University of Kent  
Canterbury, United Kingdom, CT2 7NP  
k.baker-737@kent.ac.uk

### 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: \$105,000 (CAD)
2019-2022	NSERC CGS-D (Brock University)	Total: \$15,000 (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)

## RESEARCH ACTIVITIES

### PUBLICATIONS

#### *Peer-reviewed works*

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

N/A

#### *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: May, 2024).
- Baker, K.A.** & Bindemann, M. Yes, No, Maybe-so: The Framing of response options yields no influence on face identification decisions. (Submitting: January, 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), 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

### *Oral presentations*

- 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.

## TEACHING ACTIVITIES

### LECTURES/MODULES TAUGHT

#### *Kent University*

Applying Psychology	PSYC 6330	Undergrad. (Yr. 3)	2023
Current Issues in Cognitive Psychology & Neuropsychology	PSYC 8640	M.Sc. (Yr. 1)	2023
Psychology Final Year Project	PSYC 6002	Undergrad. (Yr. 3)	2023-2024
Advanced Research Project in Psychology	PSYC 9970	M.Sc. (Yr. 1)	2023-2024

## TEACHING ASSISTANTSHIPS

*Seminar Leader/ Lab Demonstrator (Brock University)*

History of Psychology	(PSYC 4P92)	2019 - 2022
Cognition	(PSYC 2P20)	2017, 2019 - 2020
Perception	(PSYC 2P49)	2018, 2020
Human Learning	(PSYC 2P45)	2018
Computer Data Analysis	(PSYC 3P39)	2017
Lifespan Development	(PSYC 2P12)	2021
Personality and Individual Differences	(PSYC 2P20)	2019
Fundamentals of Social Psychology	(PSYC 2P30)	2016

## STUDENT RESEARCH-SUPERVISOR

### GADUATE STUDENTS

*MSc Students*

- Niall Brenock (2023 - present) - University of Kent (Cognitive Psychology/Neuropsychology)
- Shagun Jain (2023 - present) - University of Kent (Cognitive Psychology/Neuropsychology)

### UNDERGRADUATE STUDENTS

*Final Year Project/Undergraduate Thesis Students*

- Anjeli Kaur (2023 - present) - University of Kent (#Stream#)
- Elecia Westwood (2023 - present) - University of Kent (#Stream#)
- Izzy Goodwin (2023 - present) - University of Kent (#Stream#)
- Shay Read (2023 - present) - University of Kent (#Stream#)

*Co-supervised Undergraduate Thesis Students*

- Vince Stabile (2021-2022) - Brock University (co-supervised with Dr. Mondloch)
- Meryl Ochoa (2018-2019) - Brock University (co-supervised with Dr. Mondloch)
- Katrina Perdue (2017) - Brock University (co-supervised with Dr. Mondloch)

*Co-supervised of Undergraduate Project Students*

- Lloyd Owens (2023 - present) - University of Kent (co-supervised with Dr. Bindemann)
- Vince Stabile (2021; USRA) - Brock University (co-supervised with Dr. Mondloch)
- Hayley McFarlane (2020; USRA) - Brock University (co-supervised with Dr. Mondloch)
- Estera Houshang Tehrani (2019-2020; Match of Minds) - Brock University (co-supervised with Dr. Mondloch)

*Co-supervised Highschool Mentorship Students*

- Anusha Chacko (2017-2018) - Brock University (co-supervised with Dr. Mondloch)
- Olha Wloch (2016-2017) - Brock University (co-supervised with Dr. Mondloch)

## OTHER SCHOLARLY ACTIVITIES

### PRESENTATIONS

- Baker, K.A.,** Stabile, V.J., Mondloch, C.J., & Bindemann, M. (2023). Decisions in Unfamiliar Face Matching. Invited talk for Open University (Forensic Cognition Research Group). United Kingdom.
- Baker, K.A.,** Stabile, V.J., Mondloch, C.J., & Bindemann, M. (2023). Considering Decisions in Unfamiliar Face Matching. Invited talk for the University of Bedfordshire (Forensic Research Group). Luton, United Kingdom.
- 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 (School of Psychology and Clinical Language Sciences). Reading, United Kingdom.
- 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, United Kingdom.
- 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)

## PROFESSIONAL DEVELOPMENT

### WORKSHOPS

- |      |                                                                               |
|------|-------------------------------------------------------------------------------|
| 2018 | 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                                                         |

## 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. |