

James W.A. Strachan

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Cognition, Motion, and Neuroscience Unit

Italian Institute of Technology

via Enrico Melen 83, 16152 Genoa, Italy

BIOGRAPHY

MINDED Research Fellow

Cognition, Motion, and Neuroscience Unit

Italian Institute of Technology

2020 - present

Postdoctoral Researcher

Social Mind and Body Lab, Department of Cognitive Science

Central European University

2016 - 2020

PhD in Psychology

Professor Steve Tipper (thesis supervisor)

University of York

2013 - 2017

Thesis: Incidental learning of trust from identity-contingent gaze cues: boundaries, extensions and applications

Award date: July 14th 2017

MSc in Cognitive Neuroscience

Professor Andy Young (thesis supervisor)

University of York

2012 - 2013

Thesis: Involvement of the superior temporal sulcus in decoding social signals from faces

BSc in Psychology

University of York

2013 - 2016

JOURNAL ARTICLES

Strachan, J., Curioni, A., Constable, M., Knoblich, G., Charbonneau, M., (2021). "A methodology for distinguishing copying and reconstruction in cultural transmission episodes". In: *PLOS One* 16 (9), e0256901.

Strachan, J., Török, G., (2020). "When Being Efficient Is Unfair: Investigating the Role of Fairness in Task Distribution". In: *Acta Psychologica* 210, p. 103158.

Strachan, J., Constable, M., Knoblich, G., (2020). "It Goes With The Territory: Ownership Across Spatial Boundaries". In: *Journal of Experimental Psychology: Human Perception and Performance* 46 (8), pp. 789–797.

Strachan, J., Guttesen, A., Smith, A., Gaskell, M., Tipper, S., Cairney, S., (2020). "Investigating the formation and consolidation of incidentally learned trust". In: *Journal of Experimental Psychology: Learning, Memory and Cognition, in press* 46 (4), pp. 684–698.

Strachan, J., Sebanz, N., Knoblich, G., (2019). "The role of emotion in the dyad inversion effect". In: *PLOS One* 14 (7), e0219185.

Strachan, J., Kirkham, A., Manssuer, L., Over, H., Tipper, S., (2017). "Incidental learning of trust from eye-gaze: Effects of race and facial trustworthiness". In: *Visual Cognition* 25 (7-8), pp. 802–814.

Strachan, J., Tipper, S., (2017). "Examining the durability of incidentally learned trust from gaze cues". In: *Quarterly Journal of Experimental Psychology* 70.10, pp. 2060–2075.

Strachan, J., Kirkham, A., Manssuer, L., Tipper, S., (2016). "Incidental learning of trust: Examining the role of emotion and visuomotor fluency". In: *Journal of Experimental Psychology: Learning, Memory and Cognition* 42, pp. 1759–1773.

Flack, T., Andrews, T., Hymers, M., Al-Mosaiwi, M., Marsden, S., **Strachan, J.**, Trakulpipat, C., Wang, L., Wu, T., Young, A., (2015). "Responses in the right posterior superior temporal sulcus show a feature-based response to facial expression". In: *Cortex* 69, pp. 14–23.

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Curriculum Vitae

BOOK CHAPTERS

Strachan, J., Knoblich, G., Sebanz, N., (2020). "Skill and Expertise in Joint Action". In: *The Routledge Handbook of Philosophy of Skill and Expertise*. Ed. by C. Pavese and E. Fridland. Chap. 29.

PREPRINTS AND WORKING MANUSCRIPTS

Strachan, J., Mayo, R., Sebanz, N., (n.d.). *When thinking about your partner gets in the way: Coordination failures in joint decision-making*. Preprint available from <https://osf.io/szeuw/>.
Wolohan, F., Strachan, J., (n.d.). *Testing the assumptions of belonging regulation: Gaze cueing and the learning of trust in excluded individuals*. Registered Report with Stage 1 in principle acceptance at *Cognition & Emotion*.
Strachan, J., Curioni, A., McEllin, L., (n.d.). *Flexible Social Learning of Technical Skills: The Case of Action Coordination*. Invited book chapter in Charbonneau and Sperber. *Technical Flexibility and Rigidity (working title)* for estimated publication 2023.

FUNDING AND FELLOWSHIPS

| | |
|--|----------------|
| MINDED MSCA-COFUND Fellowship <i>Research fellowship awarded as part of MSCA-COFUND Action</i> | 2020-2022 |
| BA/Leverhulme Small Research Grants [SRG1920-100325; Co-PI] <i>Learning who to trust: How do we re-affiliate after social exclusion?</i> | 2020 £9,929 |
| Wellcome Trust: Centre for Chronic Diseases and Disorders [Co-investigator] <i>Influencing Facial Trustworthiness in Sleep</i> | 2016 £6,988 |

SUPERVISION & TEACHING

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| Graduate student project mentoring <i>Central European University</i> | 1 MSc student 2019-2020 |
| Interns mentored <i>Italian Institute of Technology</i> | 1 visiting grad student 2021 |
| Interns mentored <i>Central European University</i> | 2 visiting grad students 2017-2019 |
| Undergraduate Thesis Projects supervised <i>University of York</i> | 7 undergraduate students 2013-2016 |
| Lecture: Social Cognition <i>Eötvös Loránd University (ELTE)</i> Guest lecture co-delivered as part of Introduction to Cognitive Science MA course | 2018 |
| Lecture: Joint Attention <i>Budapest University of Technology and Economics (BME)</i> Guest lecture delivered as part of Social Cognition course on Cognitive Science MA course | 2017-2018 |
| Postgraduate Who Teaches (PGWT) <i>University of York</i> | 2013-2016 |
| Experience includes: <ul style="list-style-type: none">* Teaching tutorial sessions (rated 4.62(+/-0.03)/5 on student feedback forms)* Demonstrating and supervising in practical sessions* Marking assignments | |

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TECHNICAL SKILLS

Data collection: Motion capture (Vicon; Polhemus); Reaction time tasks (Python, MATLAB, PsychoPy, EPrime); Online experiments (jsPsych)

Data analysis: R; JASP; SPSS

ACADEMIC SERVICE

Ad-hoc reviewer

Acta Psychologica; Attention, Perception, and Psychophysics; British Journal of Psychology; Cognition; Cognition and Emotion; Cognitive Science; Experimental Psychology; Frontiers in Psychology; iScience; Journal of Experimental Psychology: Human Perception and Performance; Journal of Experimental Social Psychology; Journal of Nonverbal Behaviour; PLOS One; Psychonomic Bulletin & Review; Quarterly Journal of Experimental Psychology

Department Roles

Early Career Researcher Forum, Ordinary Member

Department of Psychology, University of York

2013-2016

Chair of the Psychology Society

Department of Psychology, University of York

2010-2011

Undergraduate Board of Studies Representative

Department of Psychology, University of York

2009-2012

University Roles

Co-Chair of the LGBT Society

York University Student Union (YUSU), University of York

2010-2011

IMPACT AND ENGAGEMENT

Psych!York

Organising committee for all-day public engagement event staffed by early-career researchers

[URL]

2016

Science and Technology Network Launch

Invited talk at Royal Institution, London

[Video]

2016

PUBLIC Seminar

Public engagement seminar. Won Audience Favourite prize

[URL]

2016

Shine School Outreach Program

Outreach lecture to Yorkshire schools: Introduction to Psychology

[Program]

2016

Science is Vital: York Chapter

Organised and hosted Science Is Vital event as part of national campaign

[National Campaign URL]

2015

YorNight Research Café

European Researchers Night

[URL]

2015

York Graduate Research School Launch

Invited talk at the University of York

2015

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AWARDS

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| YuFund, York Alumni Association | £200 |
| <i>Grant for public engagement event Psych!York</i> | 2016 |
| Postgraduate Community Fund, York Graduate Student Association (GSA) | £574 |
| <i>Grant for public engagement event Psych!York</i> | 2016 |
| International Meeting of the Psychonomic Society, Granada, Spain | |
| <i>Accommodation Award</i> | 2016 |
| UK National 3-Minute Thesis Competition | [URL] |
| <i>National Semi-Finalist</i> | 2015 |

CONFERENCE PRESENTATIONS

- Strachan, J.**, Török, G., (Mar. 2022). “Do people choose to be efficient or fair when allocating tasks in a joint action?” Symposium talk at the 64th Tagung experimentell arbeitender Psycholog:innen (TeaP; Conference of Experimental Psychologists).
- Strachan, J.**, Charbonneau, M., Curioni, A., Constable, M., Knoblich, G., (Aug. 2020). “A methodology for distinguishing copying and reconstruction in cultural transmission episodes”. Paper accepted for the 42nd Annual Meeting of the Cognitive Science Society, online July 29-August 1, 2020.
- Strachan, J.**, Charbonneau, M., Curioni, A., Constable, M., Sperber, D., Knoblich, G., (July 2019). “Active cultural transmission: Exploring the role of pedagogy in transmission and learning”. Talk delivered at eighth Joint Action Meeting (JAM VIII) 2019, Genova, Italy.
- Strachan, J.**, Török, G., Sebanz, N., (May 2019). “Investigating the role of fairness in task distribution”. Poster presented at the Dubrovnik Conference on Cognitive Science (DuCog), 2019, Dubrovnik, Croatia.
- Strachan, J.**, Mayo, R., Sebanz, N., (Mar. 2019). “The role of generalised distrust in coordinated decision-making”. Symposium talk delivered at the International Convention of Psychological Science (ICPS) 2019, Paris.
- Strachan, J.**, Török, G., Sebanz, N., (Mar. 2019). “When Being Efficient Is Unfair: Investigating the Role of Fairness in Task Distribution”. Poster presented at the International Convention of Psychological Science (ICPS) 2019, Paris.
- Strachan, J.**, Constable, M., Knoblich, G., (Oct. 2018). “Ownership Effects Across Territory Boundaries.” Poster presented at DisSelf conference and workshop in Porto, Portugal.
- Strachan, J.**, Torok, G., Sebanz, N., (Sept. 2018). “To Be Fair... Investigating the drive towards fairness in task distribution”. Poster presented at Social Cognition in Robots and Humans workshop in Hamburg, Germany.
- Strachan, J.**, Mayo, R., Sebanz, N., (Aug. 2018). “Think For Yourself: When trying to coordinate leads to less efficient coordination strategies than acting individually.” Symposium talk given at meeting of the British Psychological Society Cognitive Section at Liverpool Hope University.
- Strachan, J.**, Knoblich, G., Sebanz, N., (Feb. 2018). “Perceiving dyads as perceptual units”. Poster presented at the inaugural Interactive Eye Gaze Workshop at UCL, London.
- Strachan, J.**, Knoblich, G., Sebanz, N., (July 2017). “Investigating the effect of joint speech on discrimination of truth”. Poster presented at the 8th Joint Action Meeting at Queen Mary University, London.

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- Strachan, J.**, Tipper, S., (Aug. 2016). “Incidental learning of trust does not result in distorted memory for the physical features of faces”. Poster presented at the 39th European Conference on Visual Perception in Barcelona.
- Strachan, J.**, Tipper, S., (May 2016). “Effects of Real-World Social Group Status on Incidental Learning of Trust.” Poster presented at International Meeting of the Psychonomic Society, Granada.
- Strachan, J.**, Tipper, S., (Jan. 2016). “Investigating the Durability of Incidentally Learned Trustworthiness Impressions”. Talk presented at the January meeting of the Experimental Psychology Society, UCL, London.
- Strachan, J.** (Nov. 2015). “Learning to trust: Background learning of social information”. Invited seminar, Wentworth College, University of York.
- Strachan, J.**, Tipper, S., (July 2015). “Incidentally learning of traits from gaze cues generalises to judgements of unrelated stimuli”. Poster presented at Social Cognition Workshop, Bangor University.
- Strachan, J.**, Tipper, S., (May 2015). “Using scalar ratings to track changes in apparent trustworthiness induced by helpful and misleading gaze cues”. Poster presented at Vision Sciences Society Annual Conference, St. Pete Beach, FL.