

# 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

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### **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

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**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.

# James W.A. Strachan

## Curriculum Vitae

**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.

### BOOK CHAPTERS

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**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

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**Strachan, J.**, Mayo, R., Sebanz, N., (n.d.). *When thinking about your partner gets in the way: Coordination failures in joint decision-making*. Preprint.

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.

**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

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**MINDED MSCA-COFUND Fellowship** 2020-2021  
*Research fellowship awarded as part of MSCA-COFUND Action*

**BA/Leverhulme Small Research Grants [SRG1920-100325; Co-PI]** 2020  
*Learning who to trust: How do we re-affiliate after social exclusion?* £ 9,929

**Wellcome Trust: Centre for Chronic Diseases and Disorders [Co-investigator]** 2016  
*Influencing Facial Trustworthiness in Sleep* £ 6,988

### CONFERENCE PRESENTATIONS

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**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.

# James W.A. Strachan

## Curriculum Vitae

- Strachan, J.**, Torok, 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.**, Torok, 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.
- 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.

# James W.A. Strachan

## Curriculum Vitae

**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.

### TECHNICAL SKILLS

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**Data collection:** Motion capture (Vicon; Polhemus); Reaction time tasks (PsychoPy, MATLAB, EPrime)

**Programming:** R; Python; Javascript; MATLAB

**Document Management:** LaTeX/Overleaf

### ACADEMIC SERVICE

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#### 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

### IMPACT AND ENGAGEMENT

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#### 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

**James W.A. Strachan**  
Curriculum Vitae

**York Graduate Research School Launch**

*Invited talk at the University of York*

2015

**AWARDS**

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**YuFund, York Alumni Association**

*Grant for public engagement event Psych!York*

£200

2016

**Postgraduate Community Fund, York Graduate Student Association (GSA)**

*Grant for public engagement event Psych!York*

£574

2016

**International Meeting of the Psychonomic Society, Granada, Spain**

*Accommodation Award*

2016

**UK National 3-Minute Thesis Competition**

*National Semi-Finalist*

[URL]

2015

**SUPERVISION & TEACHING**

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**Graduate student project mentoring**

*Central European University*

1 MSc student

2019-2020

**Interns mentored**

*Italian Institute of Technology*

1 visiting grad student

2021

**Interns mentored**

*Central European University*

2 visiting grad students

2017-2019

**Undergraduate Thesis Projects supervised**

*University of York*

7 undergraduate students

2013-2016

**Lecture: Social Cognition**

*Eötvös Loránd University (ELTE)*

2018

Guest lecture co-delivered as part of Introduction to Cognitive Science MA course

**Lecture: Joint Attention**

*Budapest University of Technology and Economics (BME)*

2017-2018

Guest lecture delivered as part of Social Cognition course on Cognitive Science MA course

**Postgraduate Who Teaches (PGWT)**

*University of York*

2013-2016

**Experience includes:**

- \* Teaching tutorial sessions (rated 4.62(+/-0.03)/5 on student feedback forms)
- \* Demonstrating and supervising in practical sessions
- \* Marking assignments