

Duncan A. Wilson, MSc

Language and Intelligence Section
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EDUCATION

- 2015 – present **PhD Candidate**
Language and Intelligence Section, Primate Research Institute, Kyoto University, Japan
Thesis theme: Evaluating the effectiveness of the dot probe task as a measure of emotional attention in chimpanzees.
Supervisor: Prof. Masaki Tomonaga
- 2012 – 2013 **Master of Science in Applied Animal Behaviour and Animal Welfare (with Distinction)**
The Royal (Dick) School of Veterinary Studies, University of Edinburgh, UK
Dissertation: Exploring behavioural laterality as a potential welfare measure in captive capuchin monkeys (*Sapajus apella*).
Supervisor: Dr. Sarah-Jane Vick (University of Stirling, UK)
- 2000 – 2003 **Bachelor of Science (Hons) in Psychology**
Department of Psychology, University of Hull, UK
Dissertation: First-perspective spatial alignment effects in learning from different media.
Supervisor: Dr. Catherine Fritz

FUNDING AWARDS

- 2018 – 2020 **Japan Society for the Promotion of Science (JSPS) Grant-in-Aid for Research Activity Start-up (2,200,000 JPY)**. ‘Comparing emotional attention in humans and chimpanzees: Is the touchscreen dot probe task an effective tool?’ Principal Investigator.
- 2015 – 2018 **Japanese Ministry of Education, Culture, Sports, Science and Technology (Monbukagakusho: MEXT) Postgraduate Scholarship (5,220,000 JPY)**.

RESEARCH AND TEACHING EXPERIENCE

- 2018 – present **Research Assistant**
Language and Intelligence Section, Primate Research Institute, Kyoto University, Japan
Conducting non-invasive cognitive experiments with captive chimpanzees.
Maintaining detailed experimental and husbandry records.
Preparing and serving food, cleaning living areas and ensuring high welfare standards
Supervising and training graduate students in primate experimentation and husbandry.
- 2005 – 2015 **Assistant Language Teacher (Japan Exchange and Teaching (JET) Programme)**
Oita Prefectural Board of Education (2005–2010); Altia Central Co., Ltd (2011–2012); Interac Co., Ltd (2014–2015)
Taught English classes with Japanese Teachers of English in public Nursery, Elementary, Junior High and Senior High schools in Japan.
Prepared students for and judged at English speech contests.
- 2003 **Research Assistant**
School of Psychology, Flinders University, Australia
Designed, conducted and analysed a series of experiments on human spatial learning in real and virtual environments.
Assisted with running laboratory classes for undergraduate students.

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PUBLICATIONS

Wilson, D. A., Tomonaga, M. (2018). Exploring attentional bias towards threatening faces in chimpanzees using the dot probe task. *PLoS ONE* 13(11): e0207378. doi: 10.1371/journal.pone.0207378

Wilson, D. A., Tomonaga, M. (2018). Visual discrimination of primate species based on faces in chimpanzees. *Primates*, 59, 3, 243–251. doi: 10.1007/s10329-018-0649-8

Wilson, D. A., Tomonaga, M., Vick, S-J. (2016). Eye preferences in capuchin monkeys (*Sapajus apella*). *Primates*, 57, 3, 433–440. doi: 10.1007/s10329-016-0537-z

Tlauka, M., Donaldson, P., Wilson, D. (2008). Forgetting in spatial memories acquired in a virtual environment. *Applied Cognitive Psychology*, 22, 1, 69–84. doi: 10.1002/acp.1341

Wilson, P. N., Wilson, D. A., Griffiths, L., Fox, S. (2007). First-perspective spatial alignment effects from real-world exploration. *Memory & Cognition*, 35, 1432–1444. doi: 10.3758/BF03193613

INVITED TALKS

Duncan A. Wilson, Masaki Tomonaga. Evaluating the effectiveness of the dot probe task as a measure of emotional attention in chimpanzees. *Centre for Behaviour and Evolution Seminar*. Newcastle University (UK), Nov, 2018.

Duncan A. Wilson, Masaki Tomonaga. Evaluating the effectiveness of the dot probe task as a measure of emotional attention in chimpanzees. *Adaptive Behaviour Research Group Seminar*. University of Sheffield (UK), Nov, 2018.

PRESENTATION AWARDS

Student Poster Competition Award – 2nd Place

50th International Society for Applied Ethology Congress. Edinburgh (UK), Jul, 2016.

SELECTED CONFERENCE PRESENTATIONS

Duncan A. Wilson, Masaki Tomonaga. Exploring attentional bias towards threatening faces in chimpanzees using the dot probe task. *78th Annual Meeting of the Japanese Society for Animal Psychology*. Hiroshima (Japan), Aug, 2018 (oral).

Duncan A. Wilson, Masaki Tomonaga. Visual discrimination of primate species based on faces in chimpanzees. *34th Annual Meeting of the Primate Society of Japan*. Tokyo (Japan), Jul 2018 (oral).

Duncan A. Wilson, Masaki Tomonaga. Facial discrimination and attentional bias towards faces in chimpanzees. *9th International Symposium on Primatology and Wildlife Science*. Kyoto (Japan), Mar, 2018 (poster).

Duncan A. Wilson, Masaki Tomonaga, Sarah-J. Vick. Eye preferences in response to emotional stimuli in captive capuchin monkeys (*Sapajus apella*). *50th Anniversary Meeting of the Primate Society of Great Britain*, London (UK), Nov, 2017 (poster and ‘fast-fire’ talk).

Duncan A. Wilson, Masaki Tomonaga. Exploring attentional bias in chimpanzees using the dot probe task. *‘Behavior 2017’: Joint Meeting of Japan Society for Animal Psychology, Japan Ethological Society, Japanese Society for Applied Animal Behaviour, Japanese Society for Livestock Management and Japanese Society for Behavioral Neuroendocrinology*. Tokyo (Japan), Jul, 2017 (poster).

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SELECTED CONFERENCE PRESENTATIONS (CONTINUED)

Duncan A. Wilson, Masaki Tomonaga. How do chimpanzees discriminate primate species based on faces? *7th International Symposium on Primatology and Wildlife Science*. Kyoto (Japan), Mar, 2017 (oral).

Duncan A. Wilson, Masaki Tomonaga. How do chimpanzees discriminate primate species based on faces? *Kyoto University Primate Research Institute 50th Anniversary Symposium*. Inuyama (Japan), Jan, 2017 (poster).

Duncan A. Wilson, Masaki Tomonaga. How do chimpanzees discriminate primate species based on faces? *61st Annual Meeting of Primate Studies*. Inuyama (Japan), Jan, 2017 (poster).

Duncan A. Wilson, Masaki Tomonaga. Perceptual categorisation of primate faces by chimpanzees. *76th Annual Meeting of the Japanese Society for Animal Psychology*. Sapporo (Japan), Nov, 2016 (oral).

Duncan A. Wilson, Masaki Tomonaga. Perceptual categorisation of primate faces by chimpanzees. *6th International Symposium on Primatology and Wildlife Science*. Kyoto (Japan), Sep, 2016 (poster).

Duncan A. Wilson, Masaki Tomonaga, Sarah-J. Vick. Eye preferences in response to emotional stimuli in captive capuchin monkeys (*Sapajus apella*). *26th Congress of the International Primatological Society and 39th Meeting of the American Society of Primatologists*. Chicago (USA), Aug, 2016 (poster).

Duncan A. Wilson, Masaki Tomonaga, Sarah-J. Vick. Eye preferences in response to emotional stimuli in captive capuchin monkeys (*Sapajus apella*). *31st International Congress of Psychology*. Yokohama (Japan), Jul, 2016 (oral).

Duncan A. Wilson, Masaki Tomonaga, Sarah-J. Vick. Eye preferences in response to emotional stimuli in captive capuchin monkeys (*Sapajus apella*). *50th International Society for Applied Ethology Congress*. Edinburgh (UK), Jul, 2016 (poster).

Duncan A. Wilson, Masaki Tomonaga, Sarah-J. Vick. Eye preferences in response to emotional stimuli in captive capuchin monkeys (*Sapajus apella*). *31st Annual Meeting of the Primate Society of Japan*. Kyoto (Japan), Jul, 2015 (oral).

Duncan A. Wilson. Can eye preferences in response to emotional stimuli be used as a welfare measure in captive capuchin monkeys? *59th Annual Meeting of Primate Studies*. Inuyama (Japan), Jan, 2015 (oral).

FIELDWORK EXPERIENCE

2015 – 2018 **Japan Society for the Promotion of Science (JSPS) 'Leading Graduate Program in Primatology and Wildlife Science' student participant (Kyoto University, Japan).**
Chimpanzee behavioural observation (Gombe Stream National Park, Tanzania).
Japanese macaque behavioural observation (Koshima and Yakushima Islands, Japan).

TECHNICAL SKILLS AND CERTIFICATIONS

IT	Microsoft Office, Microsoft Visual Basic (Programming), SPSS, Minitab and R (Statistics).
Languages	Japanese Language Proficiency Test (JLPT) Certificate - Level N3 (Conversational).
Teaching	Cambridge Certificate in English Language Teaching to Adults (CELTA).

PROFESSIONAL MEMBERSHIPS

International Society for Applied Ethology Primate Society of Japan Japanese Society for Animal Psychology