

# Duncan A. Wilson, DSc

Language and Intelligence Section  
Department of Cognitive Science  
Kyoto University Primate Research Institute  
41-2 Kanrin, Inuyama, Aichi, 484-8506, Japan

Tel: +81 0568-63-0277, Fax: +81 0568-63-0085  
E-mail: [wilson.duncan.7a@kyoto-u.ac.jp](mailto:wilson.duncan.7a@kyoto-u.ac.jp)  
URL: <http://langint.pri.kyoto-u.ac.jp/langint/staff/DuncanAWilson.html>

## EDUCATION

- 2015 – 2019 **Doctor of Science (PhD equivalent) in Comparative Psychology**  
**Language and Intelligence Section, Kyoto University Primate Research Institute, Japan**  
Thesis: Exploring attentional bias towards threatening faces 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 (2.1)**  
**Department of Psychology, University of Hull, UK**  
Dissertation: First-perspective spatial alignment effects in learning from different media.  
Supervisor: Dr. Catherine Fritz

## GRANTS AND SPONSORSHIP

- 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)**.
- 2015 – 2018 **Japan Society for the Promotion of Science (JSPS) ‘Leading Graduate Program in Primatology and Wildlife Science’** student participant (competitive entrance).  
Ad libitum financial support for Doctoral research activities.

## RESEARCH AND TEACHING EXPERIENCE

- 2019 – present **Postdoctoral Researcher**
- 2018 – 2019 **Research Assistant**  
**Language and Intelligence Section, Kyoto University Primate Research Institute, Japan**  
Conducting non-invasive cognitive experiments with captive chimpanzees.  
Maintaining detailed experimental and husbandry records.  
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 schools in Japan.
- 2003 – 2003 **Research Assistant**  
**School of Psychology, Flinders University, Australia**  
Conducted experiments on human spatial learning in real and virtual environments.

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## PUBLICATIONS (PEER-REVIEWED)

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](https://doi.org/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](https://doi.org/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](https://doi.org/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](https://doi.org/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](https://doi.org/10.3758/BF03193613)

## INVITED TALKS

Duncan A. Wilson, Masaki Tomonaga. Exploring attentional bias towards threatening faces in chimpanzees. *Animal Welfare and Behaviour Group*. University of Bristol (UK), Sep, 2019.

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*. 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*. University of Sheffield (UK), Nov, 2018.

## AWARDS

Student Poster Competition Award (2nd Place)

Title: Eye preferences in response to emotional stimuli in captive capuchin monkeys (*Sapajus apella*)  
*50th International Society for Applied Ethology Congress*. Edinburgh (UK), Jul, 2016.

## CONFERENCE PRESENTATIONS (SELECTED)

Duncan A. Wilson, Masaki Tomonaga. Exploring attentional bias towards threatening faces in chimpanzees using the dot probe task. *European Federation for Primatology/Primate Society of Great Britain International Conference*, Oxford (UK), Sep, 2019 (poster).

Duncan A. Wilson, Masaki Tomonaga. Exploring attentional bias towards emotional faces in chimpanzees using the dot probe task. *53rd International Society for Applied Ethology Congress*. Bergen (Norway), Jul, 2019 (oral).

Duncan A. Wilson, Masaki Tomonaga. Exploring attentional bias towards emotional faces in chimpanzees using the dot probe task. *14th International Conference on Environmental Enrichment*. Kyoto (Japan), Jun, 2019 (poster).

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).

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## SELECTED CONFERENCE PRESENTATIONS (CONTINUED)

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. 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, 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 and Japanese Society for Applied Animal Behaviour*, Tokyo (Japan), Jul, 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, 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).

## FIELDWORK EXPERIENCE

2015                      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),  
Tobii (Eye-tracking)  
Languages                  Japanese Language Proficiency Test (JLPT) Certificate - Level N3 (Conversational).  
Teaching                    Cambridge Certificate in English Language Teaching to Adults (CELTA).

## PROFESSIONAL MEMBERSHIPS

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