

**Research Activity Report**  
**Supported by “Leading Graduate Program in Primatology and Wildlife Science”**  
 (Please be sure to submit this report after the trip that supported by PWS.)

	2016. 08. 30
<b>Affiliation/Position</b>	Primate Research Institute/D2
<b>Name</b>	Duncan Wilson

<b>1. Country/location of visit</b>
Lincoln Park Zoo and Navy Pier, Chicago, Illinois, US
<b>2. Research project</b>
Chimpanzees in Context (CIC) Symposium and Joint Meeting of IPS and ASP (Chicago, 2016)
<b>3. Date (departing from/returning to Japan)</b>
2016. 08. 18 - 2016. 08. 29 (12 days)
<b>4. Main host researcher and affiliation</b>
Dr. Steve Ross and Dr. Lydia Hopper (Lincoln Park Zoo, Chicago)
<b>5. Progress and results of your research/activity</b> (You can attach extra pages if needed)
Please insert one or more pictures (to be publicly released). Below each picture, please provide a brief description.
<p>I attended both the Chimpanzees in Context (CIC) Symposium (18<sup>th</sup> – 20<sup>th</sup> August) and the Joint Meeting of the International Primatological Society and the American Society of Primatologists (IPS and APS) (21<sup>st</sup> – 27<sup>th</sup> August). This was only the second time for me to present at an international conference outside Japan, and my first time to visit the US. My academic background is in animal welfare science, and I am currently interested in using cognitive measures to assess emotional states in chimpanzees. Therefore, I was excited to see many talks on welfare scheduled.</p> <p><b>Chimpanzees in Context (Lincoln Park Zoo):</b> This was the fourth in a series of scientific symposiums held in Chicago about chimpanzees. The previous symposiums were ‘Understanding Chimpanzees’ (1986), ‘Chimpanzee Cultures’ (1991), and The Mind of the Chimpanzee (2007). CIC included sessions on Ontogeny, Reproduction and Life Histories, Learning and Cognition, Communication, Captive Welfare, Feeding, Ecology and Tool Use, Altruism and Cooperation, Social Living, and Conservation. In the Captive Welfare session I found Hannah Buchanan Smith’s talk ‘Environmental enrichment: our cognitive challenges’ particularly interesting. She highlighted the potentially negative (as well as positive) welfare impacts of cognitive research, such as frustration, which are not usually discussed.</p> <p><b>IPS and ASP Meeting (Navy Pier):</b> During the main conference I attended sessions focussed mostly on nonhuman primate emotion and welfare. Matthias Allritz’s talk ‘The performance of captive chimpanzees in the emotional stroop task’ was very interesting. In a cognitive task originally used with humans, slower response latencies towards negative emotional stimuli were found. This task could be useful as a new method to study emotion and cognition in nonhuman primates. Robert Hepach’s talk ‘Changes in chimpanzees’ internal arousal response to witnessing conspecifics being helped’ was also interesting. The use of pupil dilation as a measure of internal arousal in a social context was discussed. I also enjoyed the session on ‘Welfare of captive nonhuman primates in a laboratory setting’ in which Mark Prescott and Sarah Wolfensohn highlighted the importance (and difficulty) of assessing cumulative suffering of nonhuman primates used in experiments. The session on ‘Use and care of captive non-human primates: evaluating and improving ethical requirements’ led to some interesting discussion about the ethics of conducting research on nonhuman primates. The need for better communication between different groups involved in caring for research animals was stressed.</p> <p><b>IPS poster presentation:</b> During the ‘Behaviour’ session I presented my recently published work as a poster entitled ‘Eye preferences in response to emotional stimuli in captive capuchin monkeys (<i>Sapajus apella</i>)’. A number of academics and researchers affiliated with Edinburgh Zoo, where I conducted my research, came to visit my poster. It was a nice opportunity to meet them for the first time and explain my research in more detail.</p> <p>Overall, I really enjoyed the symposium and conference, and the opportunity to attend a large number of talks on nonhuman primate emotion and welfare. It was great to meet people whose work I was familiar with but had never met in person. Attending the talks and discussing my research with other people has helped me to think about new ideas for the future. I am very grateful to Prof. Tetsuro Matsuzawa (PWS Coordinator) for the wonderful opportunity to attend this conference, and I am looking forward to attending the next IPS Meeting in Nairobi, Kenya, in 2018.</p>

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**6. Others: Photographs**



**Lincoln Park Zoo**

View of the Chicago skyline from the zoo

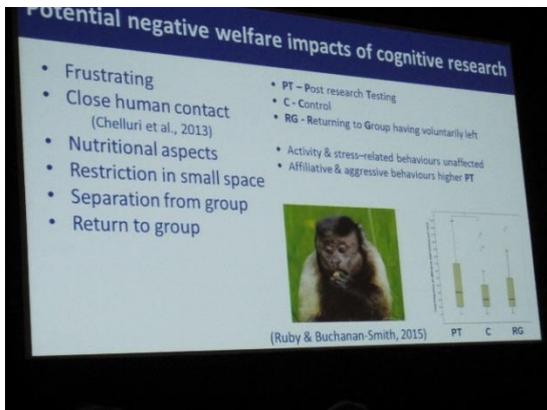


**Meet the Macaques**

Coming all the way from Japan, our snow monkey troop includes multiple males and females...and a couple growing kids! Obu (left), born in May 2015, was the first baby for the group. Female Yuki (right) can often be seen navigating her place in the troop's hierarchy with fellow female Mito.

**Lincoln Park Zoo Regenstein Macaque Forest**

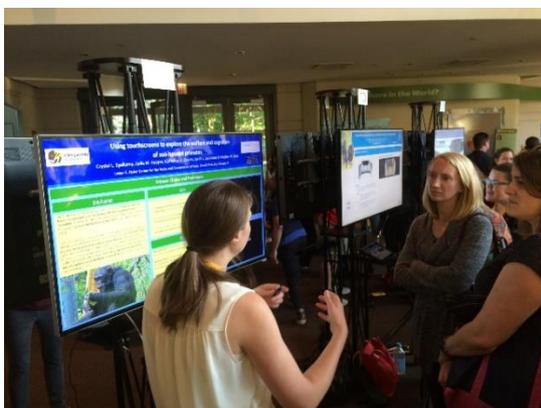
Monkeys transferred from Japan Monkey Center, 2015



**CIC Talk: ‘Environmental enrichment: our cognitive challenges’ (Hannah Buchanan-Smith)**



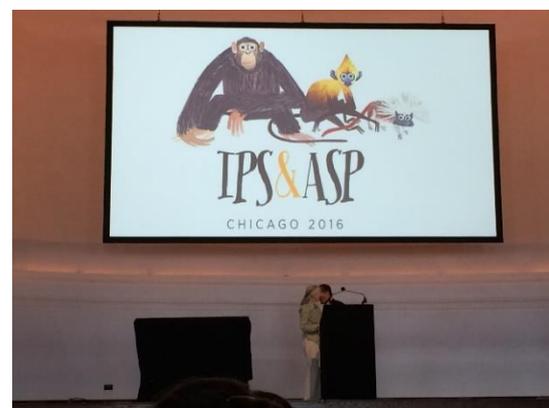
**CIC Captive Chimpanzee Welfare Q & A**  
 Steve Ross, Mollie Bloomsmit, Georgia Mason,  
 Satoshi Hirata, Hannah Buchanan-Smith



**CIC Electronic poster session**

Lincoln Park Zoo

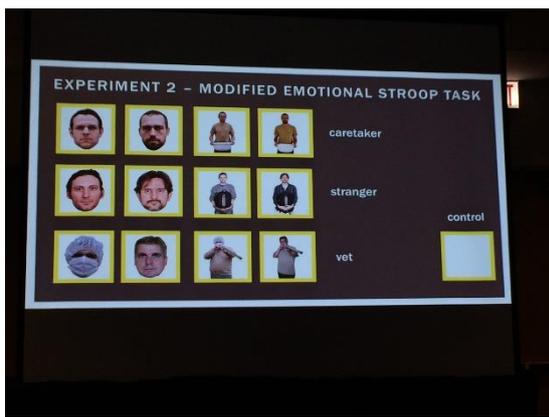
Regenstein Center for African Apes



**Joint Meeting of IPS and ASP**

Dr. Jane Goodall receiving the IPS Lifetime Achievement Award from Prof. Tetsuro Matsuzawa

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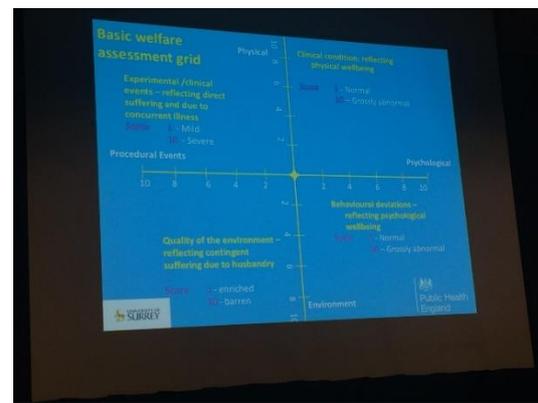
**IPS Talk:** ‘The performance of captive chimpanzees in the emotional stroop task’ (Matthias Allritz)



**IPS Talk:** ‘Changes in chimpanzees’ internal arousal response to witnessing conspecifics being helped’ (Robert Hepach)



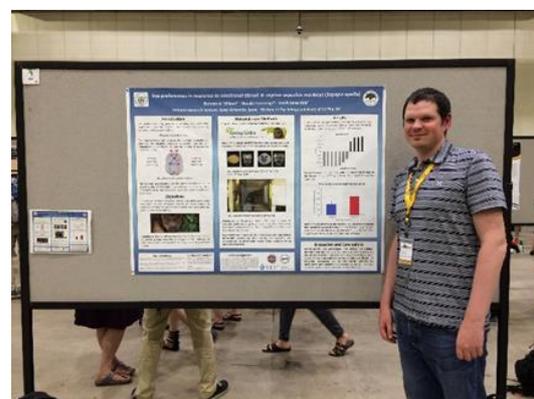
**IPS Talk:** ‘Cumulative suffering in nonhuman primate research: does it exist and can we measure it?’ (Mark Prescott)



**IPS Talk:** ‘Use of the animal welfare assessment grid (AWAG) to monitor the lifetime experience of animals’ (Sarah Wolfensohn)



**IPS Talk:** ‘Use and care of captive nonhuman primates: evaluating and improving ethical requirements’ (Stacy Lopresti-Goodman)



**IPS Poster presentation (Behaviour Session)**  
 My poster: ‘Eye preferences in response to emotional stimuli in captive capuchin monkeys’