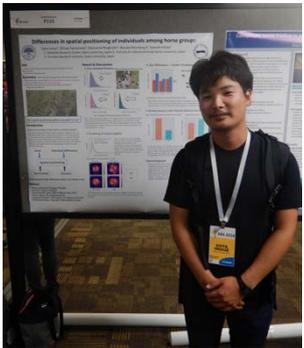


**Research Activity Report**  
**Supported by “Leading Graduate Program in Primatology and Wildlife Science”**  
 (Please be sure to submit this report after the trip that supported by PWS.)

	2018. 08. 10
<b>Affiliation/Position</b>	Wildlife Research Center/D1
<b>Name</b>	Sota Inoue

<b>1. Country/location of visit</b>	University of Glasgow, Lincoln park zoo and University of Wisconsin-Milwaukee
<b>2. Research project</b>	Discussion of collective behavior of horses, visiting Lincoln park zoo, and Animal behavior society 2018
<b>3. Date (departing from/returning to Japan)</b>	2018.07.22-2018.08.09
<b>4. Main host researcher and affiliation</b>	Colin Toney, University of Glasgow and Stephen Ross, Lincoln park zoo
<b>5. Progress and results of your research/activity</b> (You can attach extra pages if needed)	<p>Please insert one or more pictures (to be publicly released). Below each picture, please provide a brief description.</p> <p>1. Visiting University of Glasgow          I visited University of Glasgow, Scotland, to discuss creating automatic tracking software for movies on horses. Dr. Colin Toney is a specialist of Math. He was already successful to create an automatic tracking software in groups of Caribou. That software is based on one of deep learning methods to recognize individuals. We let a program learn huge number of images of horses that took by drones. As a result, the program has become to be able to recognize horses and track each individual. I got big progress though staying was only one week.</p> <p>2. Visiting Lincoln park zoo          Following I visited Lincoln park zoo, Chicago, with Miho Saito, who is a PhD Student in WRC. Dr. Stephen Ross, who is a researcher and has focused on the welfare of chimpanzees, guided us around the zoo. The zoo was very clean and had huge space. The number of species in the zoo is less than those in Japanese zoos in. This is because of giving plenty of space to each animal. In addition, animals can choose being outside or inside freely. The first priority is animals not audience. Another different point from zoos in Japan is the number of researchers in the zoo. In the section of primates where we visited, there were at least 8 researchers. In summary, the zoo makes effort to “Research” and “Welfare”. I hope Japanese zoos will change on these direction in the near future.</p> <p>3. After visiting Lincoln park zoo, we moved to University of Wisconsin-Milwaukee in Milwaukee to join the conference, Animal Behavior Society 2018. I gave a poster presentation regarding my horse study. In the session of poster presentation, it was much casual stile than those in Japan. That’s why I was able to discuss with fun. International conferences like this motivates me to study more hardly. I am looking forward to join next behavior conference in Chicago 2019.</p>
	<div style="display: flex; justify-content: space-around; align-items: flex-end;"> <div style="text-align: center;">  <p>Automatic tracking of individuals</p> </div> <div style="text-align: center;">  <p>University of Glasgow</p> </div> <div style="text-align: center;">  <p>Poster presentation</p> </div> </div>
<b>6. Others</b>	I am very grateful to Dr. Colin Torney, Dr. Stephen Ross, Prof. Matsuzawa, and PWS.

**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.)