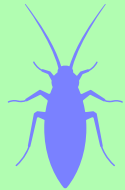




## Animal Behaviour Scientists and what they know...



### Dr Natalia Albuquerque (she/they)

Working with dogs sounds like a lot of fun - and it is - but studying dogs' cognition and behaviour is way more complex than we usually give credit for. It requires persistence, patience, criticism, scientific thinking and a lot of creativity. Because of the efforts of researchers all around the world (most of them women!), we know, for example, that dogs are able to recognise human emotional expressions and infer the emotional state of people. More than that, they use this emotional information in a functional way and adjust their behaviour to living with us!

### Dr Lindsay Murray (she/her)

#### Associate Professor of Animal Psychology

This is Georgie, one of my six cats. When your cat or dog looks in the mirror, what do you think they see? Well, as far as the science shows so far, they think it's another dog or cat and may well try to play with it. But, did you know that chimpanzees, elephants, dolphins and even a magpie can show signs that they recognise themselves in mirrors? So, the next time you're looking in a mirror, think about what a chimp might be thinking when they see their reflections!

### Michelle Moyer (she/her)

For a long time, scientists thought that it was mostly the male birds that sang those beautiful bird songs you hear outside. But now, more and more studies are showing that most female birds sing too! Female birds can use song in so many ways, including attracting mates, teaching their young, and defending territories just as fiercely as the males. Well, now you know that self-geared leadership is an evident skill in female elephants, a skill women and girls in STEM require.

### Lucy Cooke (she/her)

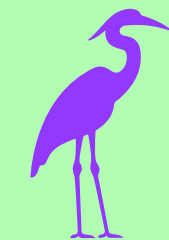
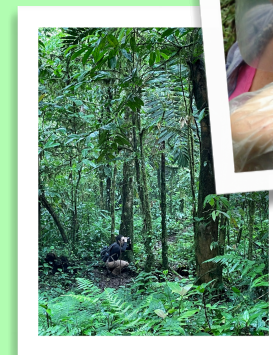
Orcas are super smart social cetaceans but did you know the post-menopausal grannies are the leaders of their society. These wise old lady whales are the repositories for ecological wisdom that pass down the hunting culture that keeps their clan alive.

### Lelia Bridgeland-Stephens (she/her)

Lelia is trying to find ways to build resilience so that wild orangutans rescued from the illegal wildlife trade have a better chance of survival after being released back into the wild, but also so that great apes in zoos are more resilient to potentially stressful experiences like moving to a new enclosure. One of the ways she is doing this is by providing the apes with increasingly difficult levels of food enrichment, to see if this builds persistence (an important aspect of resilience).

### Kristen S. Hobbs (she/her)

What do tropical birds do when it rains? Scientists know very little about how animals respond to rainfall - even in the rainforest! Kristen performs field work in Costa Rica and Panamá to explore how rain and temperature intersect to influence the behaviour of bird species such as these adorable white-collared manakins (*Manacus candei*).



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