



19th Annual BIAZA Research Conference Schedule

DAY 1 – Tuesday 4th July 2017



Time	Activity	Subject Area	Presenting Author	Presentation Title
08:30 – 09:00	Registration		Booklet page number (#)	
09:00 – 09:30	Housekeeping & Welcome		Alaina Macri & Charlotte MacDonald	
09:30 – 09:50	Keynote speech	International Primate Heart Project	Prof Rob Shave	International Primate Heart Project: Exploring heart disease in Great Apes.
09:50 – 10:02	Session 1	Zoo animal health and genetics	Romain Pizzi (2)	Hand-ling unBearable differences: “Hand” injuries and outcomes in Asiatic bears, a human and veterinary surgical collaboration
10:02 – 10:14			Romain Pizzi (4)	Quantification of minimally invasive “keyhole” surgical applications in captive Giant panda (<i>Ailuropoda melanoleuca</i>)
10:14 – 10:26			Adam Naylor (10)	The prognostic value of plasma protein electrophoresis testing in Gentoo penguins (<i>Pygoscelis papua papua</i>) with aspergillosis; a tool for clinical decision-making.
10:26 – 10:38			Romain Pizzi (3)	Learning from the wild: Management of coracoid fractures in captive birds
10:38 – 10:50			Gill Murray-Dickson (17)	RZSS WildGenes laboratory: a case study in the application of genetic techniques.
10:50 – 11:02			Helen Senn (20)	Scottish Wildcat Action: the tricky business of using genetic analysis to understand what is a wildcat
11:02 – 11:24			Break	
11:24 – 11:36	Session 2	Reproduction and breeding	Alice Clark	The development of a non-invasive pregnancy test for non-domestic equids
11:36 – 11:48			Kirsten Wilson	A Giant Panda (<i>Ailuropoda melanoleuca</i>) oestrus analysis: can we predict an impending oestrus in the female Giant Panda?
11:48 – 12:00			Joseph D’Souza	Pheasants on film: observing the reproductive behaviour of captive Edwards’s pheasants to guide potential reintroduction.
12:00 – 12:12		Nutrition and diet	Amanda Ferguson	Understanding the nutritional requirements of the Critically Endangered mountain chicken frog (<i>Leptodactylus fallax</i>)
12:12 – 12:24			Harriet Barker	Does carotenoid diet supplementation enhance phantasmal poison frog (<i>Epipedobates tricolor</i>) development?

12:24 – 12:36	Session 2 cont'		Jasper Hughes	Assessing the effect of gut loading practices for the enhancement of feeder insects fed to reptiles and amphibians at Chester Zoo
12:36 – 12:48			James Shora	The Coati Chop: The science of changing food presentation in coatis (<i>Nasua nasua</i>) and the impact on social and food-related behaviours
12:48 – 13:00			Ignatius-Roy Hillcoat-Nalletamby	Investigating the provision of UVB lighting and a non-invasive vitamin D test for brown spider monkeys (<i>Ateles hybridus</i>)
13:00 – 14:00	Lunch – Mansion House			
14:00 – 14:12	Session 3	Social behaviour	Jack Lewton	The social structure of a captive population of Rothschild's giraffe (<i>Giraffa camelopardalis rothschildi</i>)
14:12 – 14:24			Abigail Loader	Association preferences of juvenile greater and Caribbean flamingos at WWT Slimbridge Wetland Centre; changes with age and plumage development.
14:24 – 14:36			Yvette Foulds-Davis	To mix or not to mix? Are mixed-species bird enclosures really working?
14:36 – 14:48			Cameron Thompson	Common wildebeest (<i>Connochaetes taurinus</i>) in a mixed species exhibit; aggressor or submissive?
14:48 – 15:00		Husbandry/Behaviour	Giovanni Pastorino	Role of personality in behavioural responses to new environments in captive Asiatic lions (<i>Panthera leo persica</i>)
15:00 – 15:12			Lydia Underwood	Bear behaviour: A behavioural study of a breeding pair of Malayan sun bears
15:12 – 15:24			Mirela Cuculescu-Santana	Outdoor Enclosure Use and Behaviour of Adult and Cub Asian Small Clawed Otters (<i>Aonyx cinereus</i>) in Different Seasons
15:24 – 15:36			Steven Hatch	Wild and captive comparisons; measuring activity budgets of captive sea ducks to help understand welfare needs
15:36 – 15:48			Victoria Buller	Enclosure Use and Plant Preferences in Captivity: a comparison between wild and captive-bred <i>Lygodactylus williamsi</i> geckos.
15:48 – 16:00			Jonathan Holman	A review of the Flir ONE phone adapted thermal imaging camera for use in reptile collections, applied to Komodo Dragons (<i>Varanus komodoensis</i>).
16:00 – 16:30	Break			
16:30 – 17:40	Session 4	Poster Presentations and Panda visits		Panda visits will go in groups of 25.
17:45 – 19:00	Zoo Quiz Trail			
19:00	BBQ	Location: Mansion House		Theme: 4 th of July Celebration – Red, white & blue

Day 1 Poster Session 16:30 – 17:32

Time	Subject	Presenter	Title
16:30	Zoo animal health and genetics	Pui Yu Liu	Biochemical monitoring of a female polar bear's (<i>Ursus maritimus</i>) urine across the reproductive cycle
16:34		Libby Ward	Development of a Body Condition Scoring (BCS) system for Red river hogs (<i>Potamochoerus porcus</i>)
16:38		Angus Carpenter	Occurrence of <i>Blastocystis sp.</i> among Woodland animals in a Wildlife park: Informing organisational biosecurity management.
16:42	Reproduction and breeding	Jill Vevers	Breeding Behaviour of Sumatran Laughingthrush in Captivity (<i>Garrulax bicolor</i>): Potential Implications of Natural Behaviour and Husbandry Practices on Breeding Success
16:46		Abbie Buxton	An investigation into the breeding behaviour of the Javan Green Magpie (<i>Cissa thalassina</i>).
16:50	Nutrition and diet	Libby Ward	Foraging activity of captive African elephants (<i>Loxodonta africana</i>) in relation to temperature, visitor number and faecal corticosterone.
16:54	Social behaviour	Chelsea McIntyre	The Social Interactions Between Two Brazilian Tapir
16:58		Kim Marklew	The Effects of Social Housing on Zoo-Housed Asian Elephants (<i>Elephas maximus</i>).
17:02		Sue Dow	Social dynamics in a group of western lowland gorillas (<i>Gorilla gorilla gorilla</i>)
17:06		Sue Dow	Population dynamics of common moorhens (<i>Gallinula chloropus</i>) at Bristol Zoo
17:10	Husbandry and behaviour	Adele Thomasz	Habitat preference for captive Eurasian water shrew
17:14		E Burford	Factors affecting agonistic behaviour, show performance, activity level and enclosure use in captive Californian sea lions (<i>Zalophus californianus</i>)
17:18		Giovanni Pastoriono	Sumatran tigers monitoring during ZSL London Zoo events (<i>Panthera tigris sumatrae</i>)
17:22		H Shaw	The effect of starve days on predictable behaviour and anticipatory pacing behaviour on Amur tigers (<i>Panthera tigris altaica</i>) at Blackpool Zoo
17:26		Hannah Jenkins	Male sea lion behaviour and enclosure use at Whipsnade Zoo
17:32		Leanne Kinsella	Space Utilisation, Social Interactions and Activity Budgets of Male Eastern Bongo (<i>Tragelaphus Eurycerus</i>).

DAY 2 – Wednesday 5th of July 2017

Time	Activity	Subject Area	Presenting Author	Presentation Title
09:00 – 09:25	Registration			
09:25 – 09:36	Housekeeping & Chair's Brief			
09:36 – 09:48	Int. Animal Welfare Symposium round up	Welfare	Fay Clark	
09:48 – 10:00	UFAW conference round up	Welfare	TBD	
10:00 – 10:12	Session 1	Welfare focus	Ros Clubb	Abnormal repetitive behaviours: what do they tell us about zoo animal welfare?
10:12 – 10:24			Lauren Robinson	Chimpanzees with Positive Welfare Are Happier, Extraverted, and Emotionally Stable
10:24 – 10:36			Rachel Pietragallo-Brown	Aping the apes: encouraging wild type behaviours using the Enclosure Design Tool
10:36 – 10:48			Abbey Stone	Effects of visitors on behaviour and enclosure use of captive de Brazza's monkeys (<i>Cercopithecus neglectus</i>)
10:48 – 11:00			Katie Watkins	Comparison of researcher and keeper data collection for the evaluation of the behaviour and enclosure use of a pack of African wild dogs at West Midland Safari Park (WMSP)
11:00 – 11:30	Break			
11:30 – 11:45	Session 2	Workshop Introduction	BIAZA research committee	Bridging the gaps in Environmental Enrichment: Novel applications with novel species
11:45 – 12:45		Workshop breakout sessions		
12:45 – 13:15		Workshop round up and Q and A		
13:15 – 13:30		Industry evidence	Meghan Davitt	The effect of cooperative feed training on aggression in blue-spotted ribbontail rays (<i>Taeniura lymma</i>)
13:30 – 14:00	Lunch – Take away packed lunches			
14:00 – 14:36		Meet at Penguins Rock enclosure		Penguin Parade or Meet a Keeper

14:36 – 14:48	Session 3	Visitor studies	Elinor Bridges	Assessing Visitor Engagement with <i>Islands</i> Exhibits at Chester Zoo
14:48 – 15:00			S Stringwell	Are we panda-ing to the public? Comparing global zoo collection planning to retail organisations
15:00 – 15:12		Native wildlife	Luke Romaine	Corridors for Microchiropteran native bats within a zoo site
15:12 – 15:24			Emily Tyack	The best hotel for bees
15:24 – 15:36			Adele Thomasz	Changing management processes to improve the welfare of harvest mice.
15:36 – 16:36	Session 4	Poster presentations		
Close				

Day 2 Poster Session 15:36 – 16:40

Time	Subject	Presenter	Title
15:36	Husbandry and behaviour	Chloe O'Dell	Measuring the utilisation of an enclosure by three male cheetahs at Wild Place Project.
15:40		Samantha Shaw	Enclosure Design and Utilisation in Malayan Sun Bears (<i>Helarctos malayanus</i>) at Edinburgh and Colchester Zoo.
15:44		Rebecca Filmer	An investigation into how differing numbers of sea lion public displays per day affects a group of captive California sea lions (<i>Zalophus californianus</i>)
15:48		Rebecca Scott	My anaconda don't (climb trees). A study of enclosure use by giant snakes
15:52	Visitor studies	Alexandra Close	The educational value of visitor feeding experiences at Paignton Zoo and Living Coasts
15:56		Alice Litchfield	Evaluating the effect of changes to interpretation on visitors' reported learning and experience in a zoo exhibit
16:00		Laura Scott	Reducing Public Feeding in Zoos. An Investigation into the Design of Do Not Feed Signs
16:04		Lesley Craig	Promoting a sense of connection to chimpanzees (<i>Pan troglodytes</i>) enhances positive conservation attitudes?
16:08	Visitor effects	Aimee Hill	Does the feeding behaviour of rainbow lorikeets (<i>Trichoglossus moluccanus</i>) change depending the type and location of the visitor?
16:12	Enrichment	G Whitfield	Diurnal and nocturnal enrichment interaction in captive aardvark (<i>Orycteropus afer</i>)
16:16		J Stirk	Food preference in hermit crabs (<i>Paguroidea</i>)
16:20		Rebecca Newman	Behaviour of a captive lion-tailed macaque (<i>Macaca silenus</i>) group before and after move to a new enclosure
16:24		Tamara Montrose	The Effects of Olfactory Stimulation on the Behaviour of Captive Ring-Tailed Lemurs (<i>Lemur catta</i>)
16:28		Liam Southern	Enrichment Effects and Enclosure Utilisation in Cape Porcupines (<i>Hystrix africae australis</i>)
16:32	Training	Clare White	Conscious Ultrasound training in a Chimpanzee (<i>Pan troglodytes</i>) at ZSL Whipsnade Zoo
16:36	Human Animal Interaction	Chloe Raynor	An investigation into Human Animal Interactions and the formation of Human Animal Relationships between Black Rhinoceros (<i>Diceros bicornis michaeli</i>) and keepers at Yorkshire Wildlife Park
16:40		Freisha Patel	Human-Animal-Relationships in zoos: a behavioural methodology evaluation