

# Programme for ASAB Easter Meeting 2019

3rd-5th April, Kings Manor, University of York, York

## Wednesday 3rd April

- 10:00 Registration opens, Huntingdon Room K/122
- 10:30-11:00 Coffee and registration, Huntingdon Room K/122
- 11:00-12:30 Elective workshop sessions  
Publishing Workshop Room K/G33  
Presented by **Surayya Johar**, The Royal Society and **Prof Sue Healy**, Editor in Chief of Animal Behaviour. Chair: Elva Robinson  
Animal Behaviour meets Conservation Science, Rahtz Lecture Theatre  
Presented by **Dr Colin Beale**, University of York, and **Dr Lucy Taylor**, Save the Elephants. Chair: Dan Franks  
Preparing for an Academic Career Room K/111  
Presented by **Prof Katie Slocombe**, University of York
- 1230-1330 Lunch, Huntingdon Room K/122
- 1330-1530 Media Workshop, Rahtz Lecture Theatre  
Presented by **Alastair Keeley**, University of York Press Office and Elva Robinson, with panel: **Dan Franks, Elva Robinson, Katie Slocombe, Kirsty Graham & Alastair Keeley.**
- 1530-1600 Tea break, Huntingdon Room K/122
- 1600-1610 Welcome to the conference
- 1610-1710 **Parental-decision making in poison frogs – Dr Eva Ringler**  
Plenary Lecture given by 2019 winner of the Christopher Barnard Award  
Chair: Katie Slocombe

Evening:

Quiz & Social, all conference delegates welcome! 18:30-10:00, Yates, Church Ln, York YO1 9QT

ASAB Council meeting 18:00, Ask, for ASAB Council members only

## Thursday 4th April

9:30-10:30 **Toxic birds: the evolution of toxin resistance in predators**  
**Dr Hannah Rowland** Plenary Lecture. Chair: Dan Franks

10:30-11:00 Coffee break, Huntingdon Room K/122

**11:00-12:30 Contributed talk session 1 – Chair: Dan Franks**

11:00 - 11:15 **Tess Gridley** - Understanding the role of acoustic cues in the formation and cohesion of super-groups of humpback whales (*Megaptera novaeangliae*)

11:15 - 11:30 **Michael Weiss\*** - Going viral on the social network: Predicting the severity of morbillivirus outbreaks in an endangered killer whale population

11:30 - 11:45 **Juliette Berthier\*** - Observing grooming promotes affiliation in Barbary macaques

11:45 - 12:00 Flash talks Session 1

**Rachel Findlay-Robinson** Climatic impacts on hibernation behaviour in wild hazel dormice *Muscardinus avellenarius*

**Holly Hodges** The application of a local position system to social network analysis in dairy cattle

**Georgina Hume** Learning strategies in Asian short-clawed otters

**Marta Iglesias-Julios** Zebrafish aggression on the sub-second time-scale: Inter-individual motor coordination patterns reveal rules of assessment and conflict resolution –  
**Robin Morrison** Reassessing territoriality in gorillas

**Gokulan Nagabaskaran** The impact of environmental complexity on snake cognition

**Laure Olivier** Evolution of personality in cooperative breeders

**Holly Root-Gutteridge** Using a new video rating tool to crowd source analysis of strength of behavioural reactions to stimuli

**Texa Sim** The purpose of porpoises around Scottish fish farms

12:00 - 12:15 **Beth Preston\*** - Inter-group conflict, cooperation and social relationships in wild banded mongooses (*Mungos mungo*)

12:15 - 12:30 **Amy Morris-Drake\*** - Experimental field evidence that out-group threats influence within-group behaviour

12:30 - 12:45 **Madison Bowden-Parry\*** - Ecological and social determinants of food sharing in Asian small-clawed otters (*Aonyx cinereus*)

12:45-13:45 Lunch and Posters Huntingdon Room K/122 & K/123

**13:45-15:30 Contributed talk session 2 Chair: Shreejata Gupta**

13:45 - 14:00 **Madeleine Goumas\*** - Herring gulls respond to human gaze direction –

14:00 - 14:15 **Jenny Coomes\*** - Inhibitory control in an ecologically relevant context in the great tit (*Parus major*)

- 14:15 - 14:30 **Benjamin Turnbull\*** - Early-life Stress: Distinguishing Task- from Rule-Learning in Zebra finches (*Taeniopygia guttata*)
- 14:30 - 14:45 **Emily Stanbrook\*** - Comparative Learning in Cichlid Fish
- 14:45 - 15:00 **Daniel Maskrey\*** - Temperature-mediated personalities in the beadlet sea anemone
- 15:00 - 15:15 **Ben Cooper\*** - Higher within-individual and between-individual behavioural variance in solitary-reared locusts compared to group-reared
- 15:15 - 15:30 **Eleanor Drinkwater\*** - How does individual personality modulate group level behaviour?

15:30-16:00 Tea break Huntingdon, Huntingdon Room K/122

**16:00-17:30 Contributed talk session 3 – Chair: Valentin Lecheval**

- 16:00 - 16:15 **Ulrike Scherer\*** - Personality differences in boldness are sexually selected in a bi-parental West African cichlid (*Pelvicachromis pulcher*)
- 16:15 - 16:30 **Magdalena Herdegen-Radwan** - Guppy boldness is associated with higher reproductive success, but not due to condition-dependence
- 16:30 - 16:45 **Ana Cristina Gomes\*** - Proactive common waxbills make fewer mistakes in a cognitive assay, the detour-reaching task
- 16:45 - 17:00 **Laura Garnham\***- How impulsivity relates to personality and cognition in red junglefowl
- 17:00 - 17:15 **Lucy Mitchell\*** - Multi-year tracking reveals high individual variability in habitat selection of European nightjars (*Caprimulgus europaeus*)
- 17:15 - 17:30 **Simon Chapman\*** - Marked by the scythe: Limits to post-reproductive fitness benefits

Evening:

Conference dinner at 19:30 at Ask, The Grand Assembly Rooms, Blake St, York YO1 8QG

**Friday 5th April**

9:30-10:30 **Social evolution in humans and other animals – Dr Nichola Raihani** - Plenary Lecture; Chair: Elva Robinson

10:30-11:00 Coffee break, Huntingdon Room K/122

**11:00-12:30 Contributed talk session 4 – Chair: Elva Robinson**

- 11:00 - 11:15 **Stuart Watson** - Humans, apes and monkeys process adjacent- and non-adjacent dependencies in an artificial grammar paradigm
- 11:15 - 11:30 **Eve Holden\*** - The Structure and Function of Female Chimpanzee (*Pan troglodytes*) Pant-Hoots
- 11:30 - 11:45 **Sam Walmsley** - Using biologging technology to study vocal sequences in narwhals

11:45 - 12:00 Flash talks Session 2

- Laura Adams** Long-term exposure to anthropogenic noise affects the shore crabs (*Carcinus maenas*) response in a novel environment.
- Noori Choi** Functional variation among color patches of male nuptial coloration of Malawi Cichlids, *Metriaclima zebra*
- Emily Churchill** Differing effects of age and starvation on reproductive performance in *Drosophila melanogaster*
- Holly Coombes** Responses of female bank voles, *Myodes glareolus* to male chemosignals
- Kirsty Graham** Bonobo & chimpanzee gestures overlap extensively in meaning
- Anna Korzeniowska** Pitch-luminance and pitch-elevation cross-modal correspondences in domestic dogs
- Agnieszka Magierecka** Chronic stress has a persistent effect on feeding behaviour but not cortisol levels in three-spined sticklebacks
- Stephanie McLean** Laterality and Parental care: an investigation throughout the breeding season

12:00 - 12:15 **Yvonne Zürcher\*** - Preserving individuality or increasing similarity – vocal accommodation in newly formed common marmoset pairs

12:15 - 12:30 **Benjamin Keep** - Odour detection in rats

12:30 - 12:45 **Jon Richardson\*** - Nutrition during sexual maturation and at the time of mating affects mating behaviour in both sexes of a burying beetle

12:45-13:45 Lunch and Posters Huntingdon Room K/122 & K/123

**13:45-15:30 Contributed talk session 5 – Chair: Katie Slocombe**

13:45 - 14:00 **Zoe Melvin\*** - Does sexually attractive facial colouration in rhesus macaques reflect their ability to cope with oxidative stress?

14:00 - 14:15 **Lucy Winder\*** - Survival costs of increased parental effort: a meta-analysis of how clutch size affects survival in wild birds

14:15 - 14:30 **Filipa Cunha-Saraiva\*** - Parental care and neuropeptide dynamics in a cichlid fish *Neolamprologus caudopunctatus*

14:30 - 14:45 **Tom Ratz\*** - Parental responses to handicapping in a burying beetle: the greater the handicap, the more care parents provide

14:45 - 15:00 **Simon Elwen** - Heaviside's dolphins and boats: Teasing out short term attraction from apparent long-term avoidance to improve management and conservation –

15:00 - 15:15 **Emily Richens\*** - Does traffic noise differentially affect vigilance behaviours in dwarf mongooses depending on noise type and context?

15:15 - 15:30 **Ann-Sophie Warkentin\*** - Effects of tourism on the behaviour of the endangered Zanzibar red colobus monkey

15:30-16:00 Tea break, Huntingdon Room K/122

**16:00-17:00 Contributed talk session 6 – Chair: Eithne Kavanagh**

16:00 - 16:15 **Shreejata Gupta** - Do chimpanzees exhibit individual styles in dominance displays?

16:15 - 16:30 **Valentin Lecheval** - Domino-Like Propagation Of Collective U-Turns In Fish Schools

16:30 - 16:45 **Robert Heathcote** - Dynamic eye colour as part of a 'matador strategy' that misdirects predator attacks

16:45 - 17:00 Prize-giving and closing words

17:00 Conference closes

\* Presenters marked with an asterisk are entering the student presentation competition