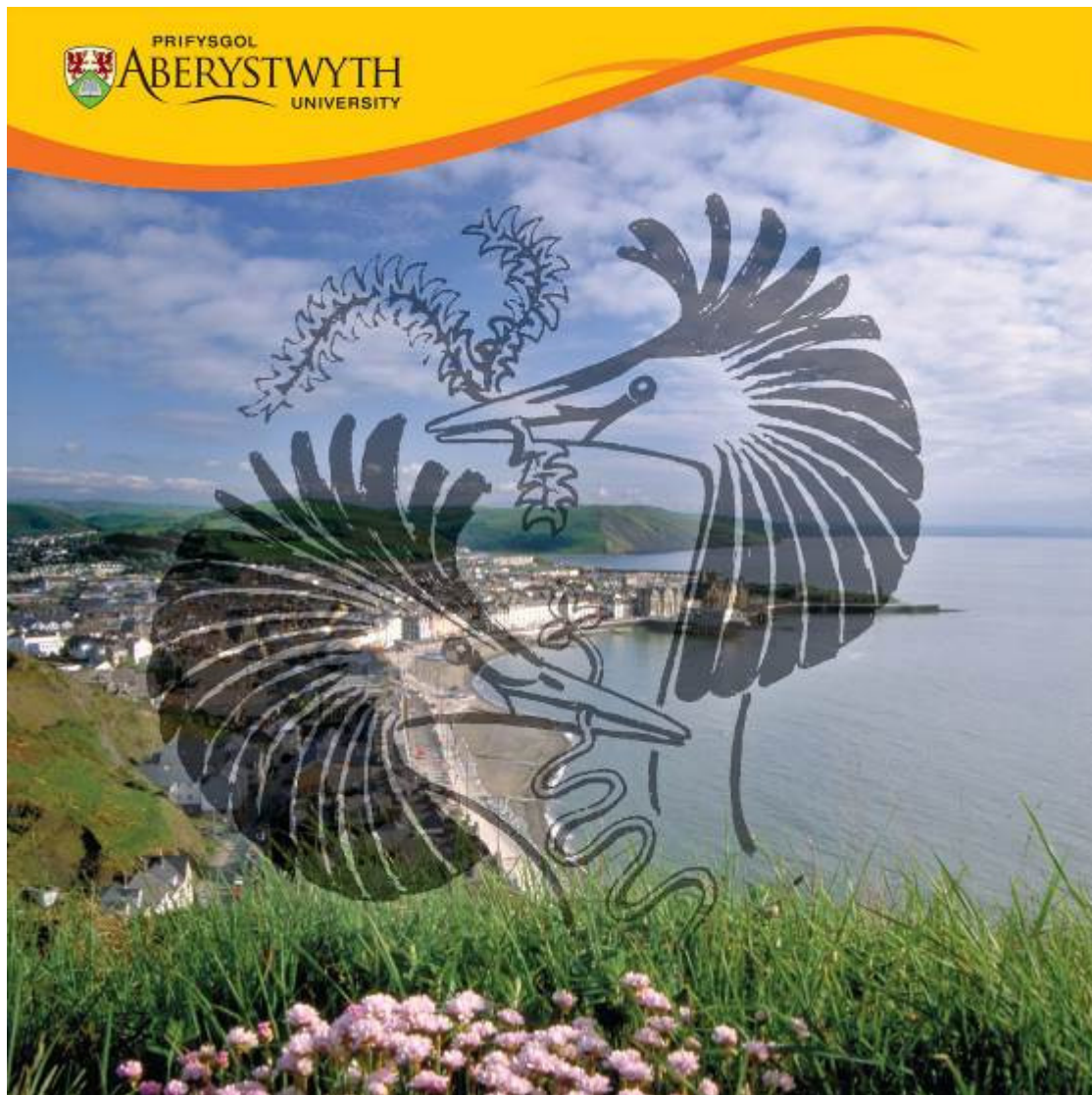


# ASAB Easter Conference 2016

30<sup>th</sup> March – 1<sup>st</sup> April  
Aberystwyth University

Organisers:

Dr Rupert Marshall, Dr Sarah Dalesman & Dr Roger Santer



Association for the Study of Animal Behaviour

**Your Conference Team:**



L-R: Rupert, Roger, Sarah

Contact us via email: [rmm@aber.ac.uk](mailto:rmm@aber.ac.uk)

Emergency contact during the conference: 07791 595630

Wifi access:

Zone: Cloud

No password needed

(You may find you have automatic access via Eduroam too)

## Wednesday 30<sup>th</sup> March: Hugh Owen Lecture Theatre A12

- 9.00 Registration & Poster set-up in Medrus Hall (1<sup>st</sup> floor)
- 9.25 Welcome
- 9.30 **Ethics in Behavioural Research: Dr Domhnall Jennings**, ASAB Ethics Secretary, Newcastle University
- 10.15 **ASAB Education: part 1: ASAB's outreach to schools. Animal Behaviour in Education: Designing educational games. Charlotte Evans** ASAB Education Officer & **Dr Rupert Marshall** ASAB Education Secretary
- 10.30 TEA & COFFEE in Medrus Hall
- 11.00 ASAB Education: part 2
- 11.15 **Academic writing – with flair! Bring your pencils! Dr Patricia Gongal** Research Development Officer, Aberystwyth University
- 12.00 **How journals work: – an insider look at how journals work, peer review, and how to get published Dr Sue Healy**, St Andrews University, Editor of ASAB's journal, Animal Behaviour
- 12.30 **Working with & in the media: Jo Stead**, BBC Natural History Unit
- 13:00 LUNCH – a *free cold buffet lunch in Medrus Hall*
- 14:00 **Excursion** to view 50+ wild red kites when they come in to feed at Nant yr Arian forestry commission visitor centre. Coaches depart from bus shelter opposite Campus Reception. All footpaths there are tarmac. Toilets are available at the visitor centre.
- 16:00 TEA & COFFEE in Medrus Hall
- 16:30 **Equality & Diversity in Science:** The importance of equality & diversity in science - and tips for achieving it. **Dr Debra Croft, Director of Equality, Aberystwyth University**
- 17:00 **Managing your supervisor:** *An opportunity to discuss your Experiences as a Phd student and share good practice. This is a supervisor-free zone!*

17:30 Sessions end

18:00 **Curry & Quiz at Brynamlwg Pub:** *a chance to relax and meet your fellow delegates*  
*In our cosy campus farm-house pub.*

(18:00 **ASAB Council Meeting** – Brynamlwg seminar room)

## Thursday 31<sup>st</sup> March Hugh Owen Lecture Theatre A12

- 9.00 Registration desk open in Medrus Hall
- 9.20 PLENARY LECTURE by this year's winner of ASAB's Chris Barnard Award for Outstanding New Investigator:  
**Dr Lauren Brent**, Exeter University  
**Social network based insights into the evolution of animal behaviour**
- 10:30 TEA & COFFEE in Medrus Hall
- 11.00 **Jessica Mitchell** & HJ Nichols, Liverpool John Moores University  
Mum's the word: Female reproductive state is detectable via scent in banded mongooses
- 11.15 **Lia Gilmour**, G. Jones, M. Holderied, S. Pickering, Bristol University  
Deterring to conserve: evaluating bat deterrence methods for use at wind turbines.
- 11.30 **Javier Abalos**, G. Pérez i de Lanuza, P. Carazo, E. Font, Valencia University  
The role of male coloration in the outcome of staged contests in the European common wall lizard (*Podarcis muralis*)
- 11.45 **Emily Churchill**, York University  
Consequences of Plasticity: How do Individual Conditions Affect Physiology, Longevity and Copulatory Behaviours in *Drosophila*?
- 12.00 **Natasha Price**, Exeter University  
Crabs, Patterns & Camouflage: Do shore crabs (*Carcinus maenas*) develop different pattern formations depending on background and does camouflage technique vary between habitats?
- 12.15 **Michael Harrap**, Dr Sean Rands, Dr Heather Whitney, Bristol University  
Bumblebees recognise flowers by temperature patterns: novel floral cues
- 12.30 LUNCH – Hot & Cold meals available for purchase in Ta Med (below Medrus Hall)
- 13.30 **Arnaud Badiane**, G. Pérez i de Lanuza, J. Abalos, S. Reguera, E. Font, M. Whiting, P. Carazo, Macquarie University  
Strategic and tactical design of color signals in the common wall lizard *Podarcis muralis*
- 13.45 **Anna Frohnwieser**, T.W. Pike, J.C. Murray, K. Covalin, A. Wilkinson, Lincoln University

Which cues do bearded dragons *Pogona vitticeps* use to learn about their environment?

- 14.00 **Rebecca Pike**, J.M. McNamara, A.I.Houston, Bristol University  
Describing mortality risk as more than one effect gives better predictions of parental behaviour.
- 14.15 **Khia Dobbinson**, L. Morrell, Hull University  
Visual predation: confusion effects in a turbid environment
- 14.30 **Mary Friel**, H. P. Kunc, K. Griffin, L. Asher & L. M. Collins, Queen's University Belfast  
Acoustic signalling reflects personality in a social mammal
- 14.45 **David Wells**, Bielfeld University & Liverpool John Moores University  
Disassortative mating for MHC class II heterozygosity in the grey seal
- 15.00 TEA / COFFEE
- 15.30 **Catherine Carrick**, Hull University  
Forager responses to patch size, density and purity: exploring resource concentration and resource dilution effects
- 15.45 **Tamsin Shepherd-Waring**, S. Dalesman, R. Santer, Aberystwyth University  
Effects of early life predation events on the behaviour and consistency of hatchling and juvenile pond snails
- 16.00 **Nicola Davidson** & J. Hurst, Liverpool University  
Differential avoidance of predator and competitor odours by small rodents.
- 16.15 **Syuan-Jyun Sun** & R.M. Kilner, Cambridge University  
Variation in the Extent of Local Adaptation between Burying Beetles and their Phoretic Mites
- 16.30 **Georgina Glaser**, D.M. Shuker, S.D.Healy, St Andrews University  
Are the foraging preferences of male rufous hummingbirds context-dependent?
- 16:45 WINE & POSTERS – Medrus Conference Hall. *See end of programme for list of posters*
- 19:00 Coach departs Medrus Conference Hall for Constitution Hill Cliff Railway
- 19:30 Conference Social & Tympath (Barn Dance): *a trip up Aberystwyth's Cliff Railway followed by buffet dinner and tympath on Constitution Hill (cash bar) with a sunset view over Cardigan Bay. Sponsored by IBERS: Institute for Biological, Environmental & Rural Sciences*
- 23:30 Optional Coach back to campus from bottom of cliff railway
- Midnight – party ends & last train down the hill.

## Friday 1<sup>st</sup> April Hugh Owen A12 Lecture Theatre

- 9.00 Registration desk open & baggage storage available
- 9:30 PLENARY LECTURE: **Dr Iain Barber**, Leicester University  
**Nest building in a warmer, wetter and 'wormier' world: insights from Spineless Simon, Frisky Phil and friends**
- 10:30 COFFEE & TEA in Medrus
- 11.00 **Joanne Dorning**, Bristol University  
Social dynamics in urban foxes
- 11.15 **Ginny Greenway**, V Balfour, DM Shuker, St Andrews University  
Do female seed bugs choose to avoid mating failure?
- 11.30 **Drew Picken**, J. Gaycken, T. Pike, A. Wilkinson, Lincoln University  
Mechanisms Underlying String Pulling Behaviour in Green-Winged Macaws
- 11.45 **Ellis Langley & Jayden van Horik**, Exeter University  
The relationship between social rank and spatial learning in the common pheasant
- 12.00 **Benjamin Jarrett**, M. Schrader, R.M. Kilner, Cambridge University  
Experimental evidence that interacting phenotypes modulate the capacity for evolutionary change.
- 12.15 **Marylka Griffiths**, D.Feary, C.Wade, Nottingham University  
How do populations persist within an extreme environment: genetic connectivity of coral reef fish across the Arabian Pensinsula
- 12:30 LUNCH – Hot & Cold meals available for purchase in Ta Med (below Medrus Hall)
- 13.30 **Hannah West**, & I. Capellini, Hull University  
Exploring the Evolutionary Relationships Between Male Care and Social Monogamy in Mammals
- 13.45 **James Kempton**, O Padget, T Guilford, G Taylor, Oxford University  
A novel video based methodology for analysing flight dynamics - development and future directions

- 14.00 **Amy Smith**, L. Proops, K. Grounds, J. Wathan, K. McComb, Sussex University  
Horse responses to human facial expressions of emotion
- 14.15 **John Hutchinson**, E. Dreijers, H. Reise, Senckenberg Museum  
Lust conquers all: considerable differences in genital anatomy and mating behaviour  
are incomplete barriers to reciprocal spermatophore exchange in two species of  
terrestrial slugs
- 14.30 **Colin Hendrie** & Rebecca Lakin, Leeds University  
Effects of alarm call playback on wild Herring Gull behaviour
- 14:45 PRIZEGIVING: **Best Student Talk**  
**Best Student Poster**
- 15:00 Conference Ends  
Coach departs for those wishing to catch 15.30 train



**Poster Programme** (in alphabetical order by 1<sup>st</sup> author surname)

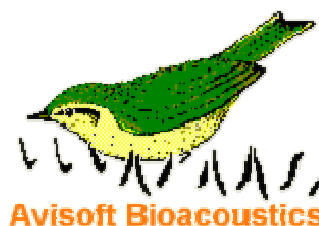
- 1 **Adam Bakewell** & I. Capellini University of Hull  
The Evolution of Delayed Implantation in Mammals
- 2 **Christine Beardsworth**, Langley, E. J. G., Whiteside, M., Van-Horik, J., Madden, J. R.  
University of Exeter  
Using tri-axial accelerometers and machine learning to produce activity budgets in the pheasant (*Phasianus colchicus*)
- 3 **Lauren Branfield** & C. Ijichi University of the West of England  
Does dog personality affect learning ability?
- 4 **Doreen Cabrera** & T. Stankowich California State University, Long Beach  
Tusk Evolution Among Terrestrial Cetartiodactyls
- 5 **Alex Cones**, A. Russell, A. Liebl University of Exeter  
The Secret Life of The Avian Embryo: Environmental and Intrinsic Effects on Embryonic Heart Rate in the Chestnut-crowned babbler (*Pomatostomus ruficeps*)
- 6 **Jennifer Coomes** & A. Thornton University of Exeter  
The effect of dominance and group size on the decision to join a collective behaviour in the jackdaw (*Corvus monedula*)
- 7 **Massimo De Agro**, L. Regolin, E. Moretto Padova  
Shape discrimination in the jumping spider *Phidippus regius*
- 8 **Katie Dunkley**, J. Cable, S. Perkins Cardiff University  
Sharing is caring: multi-species cleaning stations influence cleaner-client interactions in the Caribbean.
- 9 **Kym Griffin**, S. Redgate, K. Yarnell, C. Hall Nottingham Trent University  
Sleep deprivation and its association with performance, safety and welfare in horses
- 10 **Donal Griffin**, Isabella Capellini, Chris Harrod, & Jonathan D.R. Houghton, Queen's University Belfast  
Solving the jellyfish paradox: life history traits in the evolution of fish-jellyfish interactions.
- 11 **Christopher Hermiston** and S. Jones University of West England (UWE), Hartpury College  
The effect of dog appeasing pheromones in regard to intensity of vocalisations and frequency of stress related behaviours in a rescue shelter
- 12 **Álvaro Ly Prieto**, P. Gutiérrez, L.A. Ebensperger Pontificia Universidad Católica de Chile

Communal breeding and kinship in the social rodent, *Octodon degus*

- 13 **Lucy Nevard**, K. Hall, L. Nevard, A. Ramesh, S. Vijayan, H. Somanathan, N. Hempel de Ibarra, University of Exeter  
Foraging behaviour of Asian social bees, *Apis cerana* and *Trigona iridipennis*, in a fragmented landscape of the Western Ghats, India
- 14 **Megan Orr** & L. Bamford      Myerscough College  
Secondary emotions in domestic animals – Does jealousy exist in canines?
- 15 **Aaron Sibma**, T.A. Burke, M.J.P. Simons      Sheffield University  
Bet-hedging on chick size in wild House sparrows
- 16 **Svenja Tidau**, M. Briffa Plymouth University  
Driven to Distraction: Behavioural Impact of Ocean Noise on the European Hermit Crab
- 17 **Erin Walsh**, H. P. Kunc, G. Arnott, Queens University Belfast  
The influence of anthropogenic noise on information gathering and decision-making in the Hermit crab (*Pagurus bernhardus*)

**Thank you to our sponsors!**

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