

Symposium Timetable

Day One: 27th June 2017

8.00 – 9.10 Registration and poster set up

9.10 – 9.20 Introduction		
9.10	9.20	Hubrecht R UFAW
		Welcome and Introduction

9.20 – 10.30 Session 1.1 Chair: Hubrecht R UFAW, UK		
9.20-10.05	Mendl M and ES Paul University of Bristol, UK	Animal affect: What is it, what do we know, and what can we know?
10.05-10.30	Franks B and JA Robbins Columbia University, USA; University of British Columbia, Canada	What are we talking about when we talk about welfare?

10.30- 11.10 Break: Refreshments

11.10 – 12.50 Session 1.2 Chair: Beausoleil N Massey University, New Zealand		
11.10-11.35	Braithwaite VA, P Droege and DM Weary Pennsylvania State University, USA; University of British Columbia, Canada	A comparative framework to determine which animals are aware of their pain
11.35-12.00	Clarkson JM, MC Leach, PA Flecknell and C Rowe Newcastle University, UK	Handling method alters the hedonic value of reward in laboratory mice
12.00-12.25	Burn CC The Royal Veterinary College, UK	Boredom in the beast: How time drags, and arousal and valence decline
12.25-12.50	Roelofs S, RE Nordquist and FJ van der Staay Utrecht University, The Netherlands	Improving judgement bias tasks for measuring emotional state in pigs

12.50 – 14.00 Lunch, including Poster Session 1 (from 13.20)

14.00 – 15.35 Session 1.3 Chair: McElligott A Queen Mary University of London, UK		
14.00-14.45	Smulders TV Newcastle University, UK	Can neuroscience offer new animal welfare measures?
14.45-15.10	Friel M, HP Kunc, K Griffin, L Asher and LM Collins Universities of Nottingham Trent, Newcastle, Lincoln and Leeds and Queen's University Belfast, UK	Emotional valence affects the acoustic characteristics of vocalisations in pigs
15.10-15.35	Fuchs C, C Kiefner, S Reese, M Erhard and AC Wöhr Ludwig-Maximilian-University of Munich, Germany	Sleep disturbances as an indicator for animal welfare – An example of the horse

15.35 – 16.10 Break: Refreshments

16.10 – 17.25 Session 1.4 Chair: Martin J University of Edinburgh, UK		
16.10-16.35	Llonch P, D Temple, E Mainau and X Manteca Universitat Autònoma de Barcelona, Spain	From single studies to systematic evaluation: a new era of animal welfare assessment
16.35-17.00	Yeates JW RSPCA, UK	Burdens of proof in determining animal sentience
17.00-17.25	Armstrong E, F Gualtieri, GK Longmoor, WJ Browne, G Caplen, A Davies, S Held, I Kelland, M Mendl, C Nicol, E Paul, RB D'Eath, V Sandilands, T Boswell and TV Smulders Universities of Newcastle and Bristol and Scotland's Rural College, UK	The avian hippocampus is sensitive to chronic stress at the caudal pole
End 17.25		

18.00 – 20.00 Drinks reception, Founder's Building North Quad, followed by dinner

Day Two: 28th June 2017

9.00 – 9.10 Introduction		
9.00	9.10	
9.10 – 10.25 Session 2.1 Chair: Golledge H UFAW, UK		
9.10-9.35	Poirier C, TV Smulders and M Bateson Newcastle University, UK	How to measure long-term affective states
9.35-10.00	Goold CM and RC Newberry Norwegian University of Life Sciences, Norway	From between-individual to within-individual differences: what can we learn from individual-oriented analyses?
10.00-10.25	Wolfensohn S University of Surrey, UK	Use of the animal welfare assessment grid (AWAG) to monitor the life time experience of animals
10.25- 11.15 Break: Refreshments		
11.15 – 12.50 Session 2.2 Chair: Braithwaite V Penn State University, USA		
11.15-11.40	Sandøe P, B Forkman, R Nøhr, M Denwood and TB Lund University of Copenhagen, Denmark	To what extent do experts agree? – a study of perceived validity of animal welfare indicators
11.40-12.05	Boerrigter JGJ, WP Cofino, R Manuel, G Flik, R van den Bos and H van de Vis Radboud University and Wageningen University and Research, The Netherlands	Toward a diagnostic tool that reflects the adaptive capacity- African catfish as case study
12.05-12.30	Arrazola A, E Mosco, T Widowski, M Guerin and S Torrey University of Guelph, Canada	Does feed restriction lead to fault bar development in broiler breeders?
12.30-12.50		Announcement of UFAW Medal for Outstanding Contributions to Animal Welfare Science and Young Animal Welfare Scientist of the Year
12.50 – 14.10 Lunch, including Poster Session 2 (from 13.20)		
14.10 – 15.45 Session 2.3 Chair: Burn CC Royal Veterinary College, UK		
14.10-14.55	Mason G University of Guelph, Canada	The welfare significance of abnormal repetitive behaviours
14.55-15.20	Keeling LJ and D de Oliveira Swedish University of Agricultural Sciences, Sweden	Potential method to map animal body postures onto the valence and arousal dimensions of emotion
15.20-15.45	Beausoleil NJ, CB Johnson, J Webster, M Farouk, A Sazili and S Dowling Massey University, and AgResearch Ltd, Ruakura, New Zealand; Universiti Putra, Malaysia	Complementary approaches to understanding the welfare implications and ‘return to normal’ after electrical stunning for halal slaughter
15.45 – 16.20 Break: Refreshments		
16.20 – 17.35 Session 2.4 Chair: Weary D University of British Columbia, Canada		
16.20-16.45	Andrews C, D Nettle and M Bateson Newcastle University, UK	Telomeres as biomarkers of lifetime experience? Evaluating critical pre-requisites using European starlings as a model
16.45-17.10	Wigham E, S Wotton, A Grist and A Butterworth University of Bristol, UK	The challenge of assessing welfare in abattoirs
17.00-17.25	Allard SM, GA Fuller and SF Carter Detroit Zoological Society, USA	The future of zoo animal welfare science?
End 17.35		
18.30 – 22.30 BBQ, Founder’s Building South Quad		

Day Three: 29th June 2017

9.20 – 9.30 Introduction		

9.30 – 10.45 Session 3.1 Chair: Lee C CSIRO, Australia		
9.30-9.55	Lawrence A and P Sandøe Scotland's Rural College, UK; University of Copenhagen, Denmark	Positive animal welfare revisited with a focus on the role of behavioural expression
9.55-10.20	Hosie CA, AM Holmes, C Emmans and TE Smith University of Chester, UK	Marking time: the importance of considering timeframes when combining physiological and behavioural stress assessment
10.20-10.45	Bennett RM University of Reading, UK	Valuing animal welfare – economists' and policy makers' needs for welfare measurement

10.45- 11.25 Break: Refreshments

11.25 – 12.40 Session 3.2 Chair: Edwards S Newcastle University, UK		
11.25-11.50	Espinosa J, JA Dallaire and GJ Mason University of Guelph, Canada; Stanford University, USA	Do any forms of play indicate the presence of positive affective states?
11.50-12.15	McLennan KM and MC Leach Universities of Chester and Newcastle, UK	Using facial expression to assess emotional state
12.15-12.40	Rees-Roderick CH, ELC Shepard and RP Wilson Swansea University, UK	Towards a predictive framework for assessing physical tag detriment on birds

12.40 – 14.00 Lunch, including Poster Session 3 (from 13.00)

14.00 – 15.30 Session 3.3 Chair: Mason GJ University of Guelph, Canada		
14.00-14.25	Reijgwart ML, CM Vinke, CFM Hendriksen, M van der Meer, NJ Schoemaker and YRA van Zeeland Institute for Translational Vaccinology and Utrecht University, The Netherlands	Are all motivation tests the same? A comparison of three types of consumer demand studies in ferrets (<i>Mustela putorius furo</i>)
14.25-14.50	Herborn KA, AG McElligott, B Wilson, MA Mitchell and L Asher Universities of Newcastle and Queen Mary, London and Scotland's Rural College, UK	One chick calling alters the flock affective state
14.50-15.15	Belshaw Z and LA Asher Universities of Nottingham and Newcastle, UK	Welfare assessment in companion animal veterinary practice: Why it's just not that easy
15.15-15.30	Thank you and goodbye	

End 15.30