CURRICULUM VITAE

PERSONAL INFORMATION

**Name:** Emily-Jayne Blackwell

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EMPLOYMENT

###### 2019-date Director of Companion Animal Population Health

###### Bristol Veterinary School, University of Bristol.

###### 2016-2019 Senior Lecturer in Companion Animal Behaviour and Welfare.

###### School of Clinical Veterinary Sciences, University of Bristol.

**2009- 2016 Lecturer in Companion Animal Behaviour and Welfare.**

 School of Clinical Veterinary Sciences, University of Bristol.

**2009 – 2014 Clinical Lead, Animal Behaviour Referral Service.**

Langford Companion Animal Behaviour Clinic, School of Clinical Veterinary Sciences, University of Bristol.

**2003- 2009 Research Associate.** School of Clinical Veterinary Sciences, University of Bristol.

**Clinical Fellow.** Langford Companion Animal Behaviour Clinic, School of Clinical Veterinary Sciences, University of Bristol.

**2000- 2003 Research Assistant.** Anthrozoology Institute, University of Southampton.

**1999-2000** **Behaviour Clinic Co-ordinator and external lecturer.** University of Southampton.

**1998- 1999** **Scientific Officer.** Twycross Zoological Society.

ACADEMIC QUALIFICATIONS

**2014** Fellowship **Higher Education Academy**

##### 2009 Certificated Clinical Animal Behaviourist Association for the Study of Animal Behaviour

**2008** PhD in Clinical Veterinary Science “Aetiology, treatment and prediction of separation-related behaviour in the domestic dog”. **University of Bristol**

**1998** BSc (Hons) Zoology (First class) **University of Leicester**

OVERVIEW

Over the last 11 years I have developed a programme of research based in behaviour clinics, pet homes and rehoming centres, establishing a reputation in both the academic and clinical fields, leading to my lectureship funding from Dogs Trust. Through my research into the aetiology of the many psychological disorders suffered by a significant proportion of pets, I have played a key role in advancing the knowledge base in companion animal behaviour and welfare and improving the prevention and treatment of these conditions. As Principle Investigator on the Bristol Cats cohort study, I am responsible for overseeing the collection of data prospectively from owners, investigating risk factors for commonly diagnosed physical and psychological problems affecting the health of cats, such as osteoarthritis, anxiety, cognitive decline and obesity. This longitudinal study will not only improve the health and welfare of domestic cats, but may also provide valuable insight into the same conditions prevalent in other populations, including humans. Companion animals, such as cats and dogs, represent a potentially enormous untapped resource for clinical research into normal processes such as ageing, as well as disease processes, facilitating a reduction and replacement of the use of experimental animals. I am an enthusiastic and experienced research scientist, with a publication record in internationally recognised peer-reviewed journals and a wealth of experience in disseminating research outputs to the general public. I have an established track record in obtaining animal behaviour and welfare related grant funding, receiving research grants from charities, research councils, governments and industry, including large collaborative projects, successfully seen through to completion.

I have also taken a leading role in developing and overseeing research-led teaching in companion animal behaviour on the BVSc, ABW, Cert HE CAWBR and VNCAB programmes at Bristol Vet School, utilising a student-centred, blended learning approach to design and plan programmes of study and learning activities. I have extensive clinical skills teaching experience, having successfully mentored eight clinical animal behaviour scholars, many of whom have gone on to become leaders in their fields, working in research and animal-related roles in the charity sector, veterinary practice and industry. As Chair of the Association for the Study of Animal Behaviour (ASAB) Accreditation, the academic society offering certification for clinical animal behaviourists, I was instrumental in developing professional supervised experience training schemes for students seeking accreditation.

CURRENT RESEARCH

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| BVA Animal Welfare Foundation. **Risk factors associated with feline pruritus unrelated to ectoparasites**. 2017-2020 |
| Zoetis. **The impact of feline degenerative joint disease on mobility and quality of life in cats.** 2017-2020 |
| Waltham Petcare Science Institute. **Bristol Cats cohort study**. 2015-2021 |
| Cats Protection. **Bristol Cats cohort study**. 2018-2021 |
| Lintbells. **Clinical trial to assess the efficacy of a new nutraceutical product in the treatment of specific fears in dogs**. 2016-2020 |
| BSAVA Petsavers. **The relationship between chronic gastrointestinal disease and stress in cats.** 2019-2020 |
| Mars Petcare UK. **The Microbiome in Cats.** 2020-2023 |
| RVC Animal Care Trust. **Investigating behavioural interventions as management tools for canine epilepsy.** 2020-2024 |

PUBLICATIONS

Swales, N., (*Submitted*), Risk factors associated with feline allergic skin disease unrelated to ectoparasites *Journal of Feline Surgery and Medicine.*

Casey, RA, Naj-Oleari, M, Campbell, S, Mendl, M, and Blackwell, E (*Submitted*), Dogs are more 'pessimistic' if their owners use two or more aversive training methods. *PLOS ONE.*

Gibson, E., Williams, J., Gruffydd-Jones, T.J., Murray, J.K. & Blackwell E. (*Submitted*), Comparison of diseases and problematic behaviours in cats confined indoors or allowed outdoor access. *Applied Animal Behaviour Science.*

Barker, D. A., Tovey, E. Jeffery, A., Blackwell, E. & Tivers, M. S. (*Submitted*), Owner reported breathing scores, accelerometry and sleep disturbances in brachycephalic and control dogs: a pilot study. *Veterinary Record*.

Roberts, C, Blackwell, E., Roe, E., Murrell, J.C. & Mullan, S. (*Submitted*) Awareness and use of canine quality of life assessment tools in UK veterinary practice. *Animals.*

Roberts, C, Blackwell, E., Tipton, E., Murrell, J.C., Main, D., Wensley, S. & Mullan, S. (*Submitted*) Use of quality of life assessment demonstrates improved welfare in companion cats and dogs. *Journal Small Animal Practice.*

Emi N. Barker, Philippa Lait, Lorenzo Ressel, Emily-Jayne Blackwell , Séverine Tasker, Helen Kedward-Dixon, Anja Kipar & Christopher R. Helps (2020) Evaluation of interferon-gamma polymorphisms as risk factor in feline infectious peritonitis development – a large cohort study. *Pathogens***.**

Benato, O., Murrel, J., Blackwell, E. & Rooney, N.J.R. (2020) Pain and analgesia in pet rabbits: a survey of the veterinary nurse’s attitude. *Journal Small Animal Practice.*

Benato, O., Murrel, J., Blackwell, E. & Rooney, N.J.R. (2020) Analgesia in pet rabbits: A survey study on how pain is assessed and ameliorated by veterinary surgeons. *Veterinary Record*.

Williams, E. J. & Blackwell, E. (2019), Managing the Risk of Aggressive Dog Behavior: Investigating the Influence of Owner Threat and Efficacy Perceptions. *Risk Analysis*. doi:10.1111/risa.13336

Kathrani, A., Blackwell, EJ., Williams, JL., Gruffydd-Jones, T., Murray, JK., Hezzell, M. & Hall, EJ. (2019) Exploring early life events including diet in cats presenting for gastrointestinal signs in later life *Veterinary Record* 185, 144.

Packer, R.M.A., Hobbs S.L. & Blackwell, E. (2019) Behavioural interventions as an adjunctive treatment for canine epilepsy: a missing part of the epilepsy management toolkit? *Frontiers in Veterinary Science.*

Polgar, Z, Blackwell, E & Rooney, N (2019), Assessing the welfare of kennelled dogs—A review of animal-based measures, *Applied Animal Behaviour Science*, vol. 213, pp. 1-13. <https://doi.org/10.1016/j.applanim.2019.02.013>

Cockburn, A., Smith, M., Rusbridge, C., Fowler, C., Paul, E., Murrell, J., Blackwell, E., Casey, R., Whay, B. & Mendl, M. (2017), Evidence of negative affective state in Cavalier King Charles Spaniels with syringomyelia. *Applied Animal Behaviour Science*.

German,A., Blackwell,E., Evans,M., Westgarth,C. (2017), Overweight dogs are more likely to display undesirable behaviours: results of a large online survey of dog owners in the United Kingdom*Journal of Nutritional Science* 6, 14.

German,A., Blackwell,E., Evans,M., Westgarth,C. (2017), Overweight dogs walk less frequently and take shorter walks: results of a large online survey of dog owners from the United Kingdom. *Journal of Nutritional Science* 6, 11.

Pickup, E., German,A., Blackwell, E., Evans, M., Westgarth,C. (2017), Variation in activity levels amongst dogs of different breeds: results of a large online survey of dog owners from the United Kingdom. *Journal of Nutritional Science* 6, 10.

Lord, M., Loftus, B.A., Blackwell, E. and Casey, R.A. (2016), Risk factors for human-directed aggression in a referral level clinical population. *Veterinary Record* 181, 44-49.

Blackwell, E., Casey, R.A. and Bradshaw, J.W.S. (2016), Efficacy of written behavioural advice for separation-related behaviour problems in dogs newly adopted from a rehoming centre. *Journal of Veterinary Behavior: Clinical Applications and Research* 1-7. <http://dx.doi.org/10.1016/j.jveb.2016.01.001>

Bradshaw, J.W.S., Blackwell, E. and Casey, R.A. (2015) Dominance in domestic dogs—A response to Schilder et al. 2014. *Journal of Veterinary Behavior: Clinical Applications and Research* 11, 102–108.

Rooney, N.J., Blackwell, E., Mullan, S., Saunders, R., Baker, P., Hill, J., Sealey, C.E., Turner, M. and Held, S.D.E. (2014), The current state of welfare, housing and husbandry of the English pet rabbit population. *BMC Research Notes.* http://www.biomedcentral.com/1756-0500/7/942.

Casey, R.A., Loftus, B.A., Bolster, C., Richards, G.J. & Blackwell, E. (2014), Human directed aggression in domestic dogs (Canis familiaris): occurrence in different contexts and risk factors. *Applied Animal Behaviour Science*. http://dx.doi.org/10.1016/j.applanim.2013.12.003.

Titulear, M., Blackwell, E., Mendl, M.T. & Casey, R.A. (2013), Cross sectional study comparing behavioural, cognitive and physiological indicators of welfare between short and long term kennelled domestic dogs. *Applied Animal Behaviour Science*, vol 147. pp. 149-158.

Casey, R. A., Loftus, B., Bolster, C., Richards, G. & Blackwell, E. (2013), Inter-dog aggression in a UK owner survey: prevalence, co-occurrence in different contexts and risk factors’. *Veterinary Record*, 172, 5.

Blackwell, E., Bradshaw, J.W.S. & Casey, R.A. (2013), Fear responses to noises in domestic dogs: Prevalence, risk factors and co-occurrence with other fear related behaviour. *Applied Animal Behaviour Science*, vol 145. pp. 15-25.

Mendl, M., Brooks, J., Basse, C., Burman, O., Paul, E., Blackwell, E. and Casey, R., (2010), Dogs showing separation-related behaviour exhibit a ‘pessimistic’ cognitive bias. *Current Biology*, 20, 839-840.

Blackwell, E., Casey, R.A. and Bradshaw, J.W.S. (2010), Rapid shaping of behaviour associated with high urinary cortisol in dogs. *Applied Animal Behaviour Science.*

Bradshaw, J.W.S., Blackwell, E.J. and Casey, R.A. Dominance in domestic dogs – useful construct or bad habit? (2009), *Journal of Veterinary Behavior: Clinical Applications and Research* 4, 135-144.

Blackwell, E.J., Twells, C., Seawright, A. and Casey, R.A. (2007), The relationship between training methods and the occurrence of behaviour problems, as reported by owners, in a population of domestic dogs. *Journal of Veterinary Behavior: Clinical Applications and Research* 2, 100.

Casey, R.A., Twells, C. and Blackwell, E.J. (2007), An investigation of the relationship between measures of consistency in owners and the occurrence of ‘behavior problems’ in the domestic dog. *Journal of Veterinary Behavior: Clinical Applications and Research* 2, 83-84.

Blackwell, E.J., Casey, R.A. and Bradshaw, J.W.S. (2006), Controlled trial of behavioural therapy for separation-related disorders in dogs. *Veterinary Record* 158, 551-55.

RESEARCH IMPACT

######  *Media contributions*

I have worked extensively with television production companies and other media outlets to disseminate science to dog owning audiences, reaching millions of viewers around the world via the following prime time programmes;

2013-2015 On screen science expert **Dogs: Their Secret Lives** (long running Ch4 series; Treatment of dogs with behavioural disorders) http://www.channel4.com/programmes/dogs-their-secret-lives

2015 Expert consultant **Pets Who Hate Vets** (3 episodes Ch5; Treatment of pets who are frightened of vets)

2016-2017 Expert consultant **Puppy Secrets** (2 episodes ITV; Early Development of puppies)

2016-17 Scientific consultant **Secret Lives of Puppies** (2 series, Ch5; Early Development of puppies)

2017 Scientific consultant **Secret Lives of Kittens** (3 episodes, Ch5; Early Development of kittens)

2017 On screen expert **Dogs: The Untold Story** (5 episodes, Discovery International; Natural history of dogs)

2017 On screen science expert **Me and My and Dog: The Ultimate Contest** (4 episodes, BBC; Documentary challenge series about dog training and human-animal interactions)

2018 Scientific consultant **The Wonderful World of Puppies** (5 episodes, Ch5; Social development of puppies)

2019 Scientific consultant **The Wonderful World of Baby Animals** (3 episodes, Ch5; Social development of companion animals)

Working closely with the University press office I have also made appearances on local TV news and over 40 BBC local and national radio broadcasts.

OTHER PROFESSIONAL ACTIVITIES

* Appointment to Council of Association for the Study of Animal Behaviour (ASAB)
* Chair of ASAB Accreditation Committee and Director of ASAB Accreditation Committee Ltd
* Regularly consulted by Governments, charities and Industry to inform policy on companion animals influencing policy decisions and providing evidence to underpin national campaigns e.g. advising Welsh Assembly Government and Defra on use of electronic collars to train dogs and dog bite prevention
* External Examiner for MSc in Clinical Animal Behaviour at University of Edinburgh
* Invited speaker to academic audiences at scientific conferences, veterinary surgeons at BSAVA and veterinary CPD events and members of the public at events such as Cheltenham Science Festival.
* Consultancies with several pharmaceutical companies to produce educational videos for dog owners to be shown in veterinary surgeries
* Consulting on campaigns such as ‘Get Puppy Smart’ for charities and industrial partners e.g. RSPCA, Kennel Club, Lintbells, PitPatPet and Elanco. For example <http://www.thekennelclub.org.uk/our-resources/kennel-club-campaigns/electric-shock-collars/> and <https://www.rspca.org.uk/adviceandwelfare/pets/dogs/puppy>