

**CENTRE FOR EVIDENCE-BASED  
VETERINARY MEDICINE**  
Putting research into practice

*CEVM Newsletter  
Issue 17, November 2017*

Welcome to the latest newsletter from the Centre for Evidence-based Veterinary Medicine (CEVM), [www.nottingham.ac.uk/cevm](http://www.nottingham.ac.uk/cevm)

Please forward this e-mail on to any colleagues who you think may be interested—they can sign up for future newsletters using our [mailing list](#).

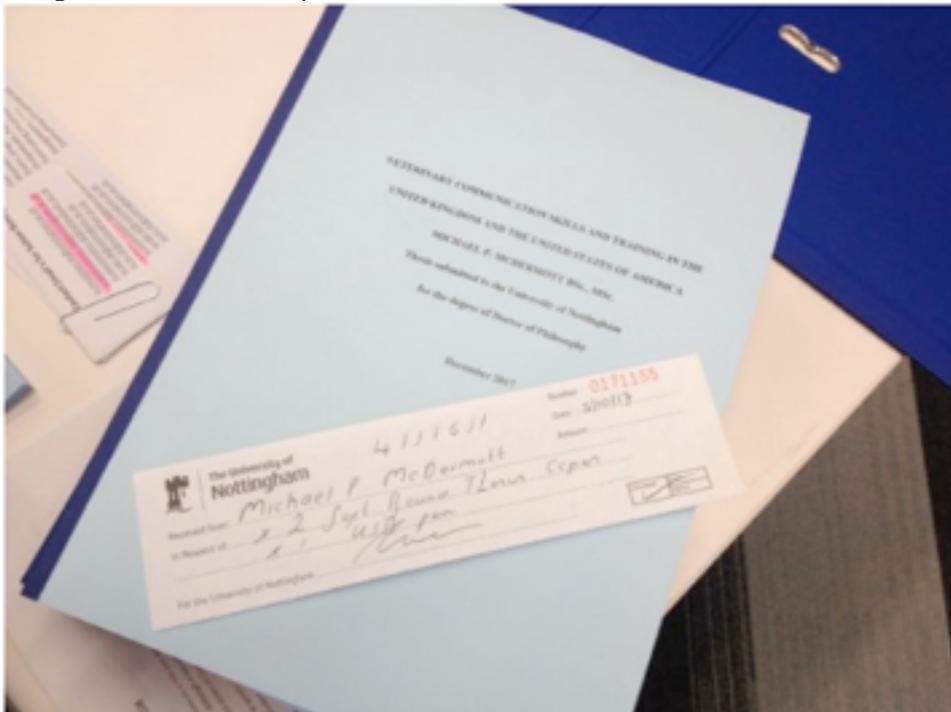
### **Coming up in this Newsletter...**

- Home stretch: Mickey McDermott turns in his thesis
- A report from Evidence Live
- Colic Project wins Veterinary Record Evidence award
- Update on our preventative medicine project and our CPD course
- Latest publications and BestBETs
- Spotlight on Abi Collinson: PhD student

### **News**

#### **Mickey submits his thesis**

Congratulations Mickey!



#### **Update on our preventative healthcare consultations project**

The survey on canine and feline booster vaccination consultations, which has been open since 2016, has now closed. We have had a great response from veterinary surgeons around the globe, with over 1200 responses in total. The results of the survey are now being analysed and will be used alongside other components of the study in the next phase of the research. A consensus panel of veterinary

surgeons and pet owners are in the process of being recruited for the next phase of the study, which aims to develop agreed practical recommendations to optimise canine and feline preventative healthcare consultations. Initial findings from this consensus panel are expected to be available from Spring 2018.

## Evidence Live!

On the hottest and longest day of the year, Dr Rachel Dean, Director of the CEVM led a multidisciplinary workshop entitled: A One Health approach to Evidence-based Medicine – working across healthcare disciplines to improve care. The workshop was at a conference called [Evidence Live](#) which is the premier evidence-based healthcare conference in the world and is organised by the [Centre for Evidence-based Medicine](#) and the British Medical Journal .

Joining Rachel on the panel for the workshop was Dominic Hurst a dentist, Amanda Jane Erne a veterinary nurse and Courtney Simmons a veterinary nurse practitioner (all pictured on the right). Each panel member discussed the current status of Evidence-based Healthcare (EBHC) in their professions, what they need most to help progress EBHC and how they can help other professions with a One Health approach to EBHC. In addition we discussed the [EBM manifesto](#).



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We hope to publish the outcomes of the workshop but some of the take home messages were:

- In professions where we have less 'formal peer reviewed evidence' we are used to relying on other forms of evidence more
- We all felt education of the new generation was vital
- Perhaps as the nature of our work means we are 'closer to our patients/decision makers' compared to some other professions to we understand our patients/carers values more and could help implement EBHC more easily

Registration is open for Evidence Live 2018: <http://www.oxforduniversitystores.co.uk/short-courses/centre-for-evidencebased-medicine/evidencelive> See you there!



## Colic Project wins Veterinary Record Evidence award

The Nottingham Equine Colic project are delighted to announce that their 'REACT to beat colic' campaign, run in partnership with the British Horse Society, has been awarded the 2017 Veterinary Record Evidence Award. The campaign, which aims to encourage a more proactive rather than reactive approach to colic recognition management by horse owners, is based on 5 years of research. This prestigious award recognises a major contribution to the development of evidence-based veterinary medicine or its application within practice. The photo on the right shows Emmeline Hannelly and Dr John Burford receiving the award at the annual BVA members day in September.

The next stage of the project (kindly sponsored by World Horse Welfare) is to evaluate the impact of the REACT campaign on the way colic is recognised and managed. If you work with horses (or own one!) and can spare 10 – 15 minutes, [click here](#) to get involved with the next survey. Completed surveys will be entered into a free draw for the chance to win a new Toggi coat, kindly donated by the British Horse Society!

## Using an evidence-based approach in your practice: an update



It was great to have our next group of delegates here for our 'Using an evidence-based approach in your practice' course for their in-person training days on the 5th and 6th October. We had a really nice cross-section of vets and nurses from a variety of practice settings which made for fascinating discussions about what could and couldn't be easily applied in practice. It was great to see enthusiastic veterinary professionals keen to develop their 'sceptic' side when it came to reviewing the evidence, including some unexpected but pleasing statistics nerdiness!!! We look forward to working with them across the remainder of the course. We are starting our next course next year on the 9th January, more information can be found [here](#) and places can be booked [here](#).

### In other news....

We have two new members of the CEVM team; Guy Davies and Anne Aworinde. They are both undertaking a Masters of Veterinary Medicine as part of their clinical pathology residencies. You can find out a bit more about their research in the next newsletter.

### New Publications and Presentations

- [Wareham, KJ, Hyde, RM, Grindlay, D, Brennan, ML and Dean, RS. \(2017\) Sample size and number of outcome measures of veterinary randomised controlled trials of pharmaceutical interventions funded by different sources, a cross-sectional study. \*BMC Veterinary Research\* \*\*13\*\*:295](#)
- [Wareham, KJ, Hyde, RM, Grindlay, D, Brennan, ML and Dean, RS. \(2017\) Sponsorship bias and quality of randomised controlled trials in veterinary medicine. \*BMC Veterinary Research\* \*\*13\*\*:234](#)
- [Stavisky, J, Dean, RS and Molloy, MH. \(2017\) Prevalence of and risk factors for FIV and FeLV infection in two shelters in the United Kingdom \(2011–2012\). \*Veterinary Record\* Published Online First: 16 September 2017](#)

Marnie Brennan spoke at BEVA congress in the evidence-based medicine stream. In addition there were a few critically appraised topics presented across the programme which was great to see! Marnie also presented, along with Wendela Wapenaar, at [BCVA](#) on 21<sup>st</sup> October with a talk entitled 'The reluctant hero: The role of the vet in on-farm cattle biosecurity' The talk was based on their AHDB Dairy work looking at farmer attitudes towards biosecurity and vaccination.

Zoe Belshaw spoke at the Kennel Club Breed Health Symposium about how to interpret dog health information and got some lovely feedback from the attendees. For more information on the event click [here](#).

### BestBETs for Vets

Three new BETs have been added to our free online database [BestBETs for Vets](#) including our first ever poultry BET! You can find out more, subscribe to BET updates or submit a question [here](#)

- [Potential benefits of using NSAIDs in cows undergoing caesarean section](#)
- [Is diatomaceous earth efficacious at removing red mite \(\*Dermanyssus gallinae\*\) burden in the domestic chicken?](#)
- [Effectiveness of dexmedetomidine in alleviating signs of noise-induced fear and anxiety in dogs](#)

We hope you are still enjoying the BestBET blogshots. Once again, we have attached a selection to this email for you to cut out and keep and pin to the practice noticeboard! Further discussion about our BETs happen on our Facebook page, you are welcome to join in the discussion! Details of our Facebook account can be found at the bottom of this newsletter.

## VetSRev

There are now 590 publications on our [VetSRev](#) database of systematic reviews. Below is just a small selection of the ones that have been added recently.

- [Muir WW, Ueyama Y, Noel-Morgan J, Kilborne A and Page J \(2017\) A Systematic Review of the Quality of IV Fluid Therapy in Veterinary Medicine. \*Front. Vet. Sci.\* 4:127](#)
- [Bui, C., Rahman, B., Heywood, A. E. and MacIntyre, C. R. \(2017\), A Meta-Analysis of the Prevalence of Influenza A H5N1 and H7N9 Infection in Birds. \*Transbound Emerg Dis\*, 64: 967–977](#)
- [Mulero-Pázmány M, Jenni-Eiermann S, Strebel N, Sattler T, Negro JJ, Tablado Z \(2017\) Unmanned aircraft systems as a new source of disturbance for wildlife: A systematic review. \*PLoS ONE\*12\(6\): e0178448](#)

## Upcoming presentations from CEVM

- Zoe Belshaw will be speaking at [London Vet Show](#) on Friday 17th Nov at 1350 in RVC Clinical Theatre 3. Her talk is entitled "More than one problem - vaccines and healthchecks - the hardest consults of all?" and it will summarise the work the CEVM has been doing over the past 7 years on preventative healthcare.
- Katie will be delivering a workshop at the [RCVS Knowledge Skills day](#) in November. The workshop will focus on how and when to use guidelines in practice.
- In addition, Marnie will be speaking at the [Italian Buiatrics Society conference](#) on the 23rd November with two presentations – first one 'Evidence-based veterinary medicine: Theory versus reality' and second one 'The Centre for Evidence-based Veterinary Medicine: Past, present and future'

## Meet the team: Spotlight on Abi Collinson

I started my PhD at the Centre in January and am looking at issues around population management of free roaming dogs and canine rabies control programs. Since graduating as a vet in 2009 I have combined working in the UK with working for various projects overseas. These have included teaching at the Latin American training centre in Nicaragua, researching a community animal healthcare project in India and living aboard a U.S Navy ship as part of the vet team on a civil-military humanitarian mission in the South Pacific. As part of this overseas work I have seen first-hand the issues that can arise from large populations of free roaming dogs, including the threat of rabies.

The first part of my PhD is a systematic review looking at the role of sterilisation in rabies control programs. I am comparing the outcomes in projects which have used rabies vaccination only with those that have used vaccination and sterilisation. These outcomes include number of dog bites, number of human and canine rabies cases, changes in dog demography such as population turnover and human behaviour changes such as perception of dogs and engagement with the project. The next part will depend on the results of the review to some extent, but is likely to involve working with data from current rabies/dog population management projects to develop evidence-based principles for these projects and determine their impact. I will be presenting some of the results from the systematic review at the Asia for Animals conference in Kathmandu, Nepal in December.



## And Finally...

We would love to receive your input on what content you would like to see in our newsletter or on our Facebook page. Let us know by email or on one of our social media pages.

<http://www.nottingham.ac.uk/cevm>

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