Tuesday 20th March 2012
Hartpury College

Presentation 2
Which Journal?
Pro’s and con’s of publishing in different journals, including: impact factor, journal relevance, target audience
Dr Renate Weller
Royal Veterinary College
Which journal?

Pro’s and con’s of publishing in different journals, including: impact factor, journal relevance, target audience

Renate Weller
Dr.med.vet., PhD, MScVetEd, FHEA, AssocECVDI, MRCVS
Do you read a newspaper?

1. no
2. sometimes
3. weekly
4. daily
Which ones do you read?
Loads of choice......

some more trustworthy than others
Even more choice internationally
Same goes for science journals.....
Do you read scientific journals?

1. no
2. sometimes
3. weekly
4. daily
Which ones do you read?
Impact factor

- Invented by Eugene Garfield and Irving Sher in 1955 to help with assessing quality of a journal
- Simplest formula: citations/number of articles
- Today: number of cites in the current year to any items published in the journal in the previous 2 years divided by the number of articles in the same 2 years.
- Published by Thomson-Reuters
- Journal Scientation index: ranking of journals according to impact factor (plus needs to be peer-reviewed etc)
- Other measures: citation density, half-life, journal performance indicator etc

http://www.sciencegateway.org/rank/index.html
Have you ever read Nature, Science, Lancet, Cell, NEMJ?

1. I read it all the time
2. Never
3. Some selected papers
4. Did not even know these existed
Retracted science and retraction index

Source: mbioblog.asm.org
Some equine papers in high-impact journals.....

Horses damp the spring in their step
Alan M. Wilson, et al.
*Nature* 20 Dec 2001

Modern Riding Style Improves Horse Racing Times
Pfau, et al.
*Science* 17 July 2009

.......*and more*
Are you published?

1. no
2. Yes, scientific journal
3. Yes, non-scientific journal
4. both
Which journal?
Science journals that publish horse related articles:

- Animal (BSAS, 1.46)
- Equine Veterinary Journal (BEVA, 1.80)
- Equine Veterinary Education (BEVA, 0.69)
- The Veterinary Journal (2.32)
- Research in Veterinary Science (1.54)
- Journal of American Veterinary Medical Association (1.86)
- Journal of Equine Veterinary Science (0.73)
- American Journal of Veterinary Research (1.4)
- The Veterinary Record (1.49)
- Veterinary Surgery (1.43)
- Veterinary Radiology and Ultrasound (1.10)
- Comparative Exercise Physiology


Think global

Canadian of Veterinary Research
Australian Veterinary Journal
Journal of Equine Science (Japan)
Pferdeheilkunde (Germany)
Acta Veterinaria Scandinavia

.......
Look beyond “Animal”

Crook et al. A comparison of the moment arms of pelvic limb muscles in horses bred for acceleration (Quarter Horse) and endurance (Arab). *Journal of Anatomy* Vol. 217, Issue 1, 2010


Brinkmann et al. (2012). Adaptation strategies to seasonal changes in environmental conditions of a domesticated horse breed, the Shetland pony (*Equus ferus caballus*). *Journal of Experimental Biology* Vol. 215, 2012

Look beyond “animal”


PLoS – Public library of science

• Combines traditional peer review with online community evaluation and discourse around the published article.
• IF 4.4!
• Publication fee is US$1350 (reduced for affiliated institutions)

Where to publish?

How did you choose the journal for your publication(s)?
Where to publish?

• Aim of author:
  Professional ambition
  Personal ambition versus institution expectations

• Content of paper:
  Topic
  Quality and type of study
Which journal?

• Who do you want to reach?
  scientists, vets, horse owners, general public?

• What do you want to achieve?
  publicity, dissemination of knowledge,
  advancement of career......
Which journal?

Modern Riding Style Improves Horse Racing Times

T Pfau et al
Science (2009)
HORSE & HOUND

National Hunt
- At home with Gold Cup hero Long Run
- Who the experts will follow this season

VET REPORT
Lameness
New technology that aids diagnosis

IN THE NEWS THIS WEEK
- Matthew Wright out hunting
- Nick Skelton wows the USA
- Richard Davison’s spookiest arena

Veterinary clinic
Assessing lameness: man versus machine

When it comes to evaluating lameness, will modern technology ever replace an expert human eye? The Royal Veterinary College’s Dr. Tim H. looks at the evidence.

Lameness can have a significant impact on the performance, comfort, and longevity of the horse. It is crucial to diagnose lameness accurately to ensure the best possible care for the animal. Various methods exist to assess lameness, ranging from simple observation during movement to the use of sophisticated equipment.

In recent years, there has been a surge in the development of technology aimed at assisting in the diagnosis of lameness. This has raised questions about whether these advancements can replace the expertise of a qualified veterinarian.

In this article, we will explore the effectiveness of modern technology in assessing lameness and whether it can substitute for the human eye. We will also consider the role of human judgment in the evaluation process and whether it can ever be fully replaced by machines.

A review of the evidence suggests that while technology can provide valuable information, it cannot fully replace human judgment. The human eye is uniquely equipped to interpret subtle cues and nuances that technology may miss.

The use of technology can be a useful tool in the diagnostic process, but it should always be used in conjunction with human expertise. A combination of modern technology and expert veterinary knowledge can lead to a more accurate and reliable diagnosis of lameness.
Personal ambition versus institutional pressure

Research assessment exercise
every 5 years
by four UK higher education funding councils
to evaluate the quality of research
based on academic impact

2014 Research Excellence Framework:
takes into account impact outside academia
Content of paper

• Topic:
Has the journal published comparable studies in the past?
Read mission statement of journal
Contact editor

• Quality and type:
Has the journal published similar scope papers?
Spin the story!

Thank you
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Advancing Equine Scientific Excellence