

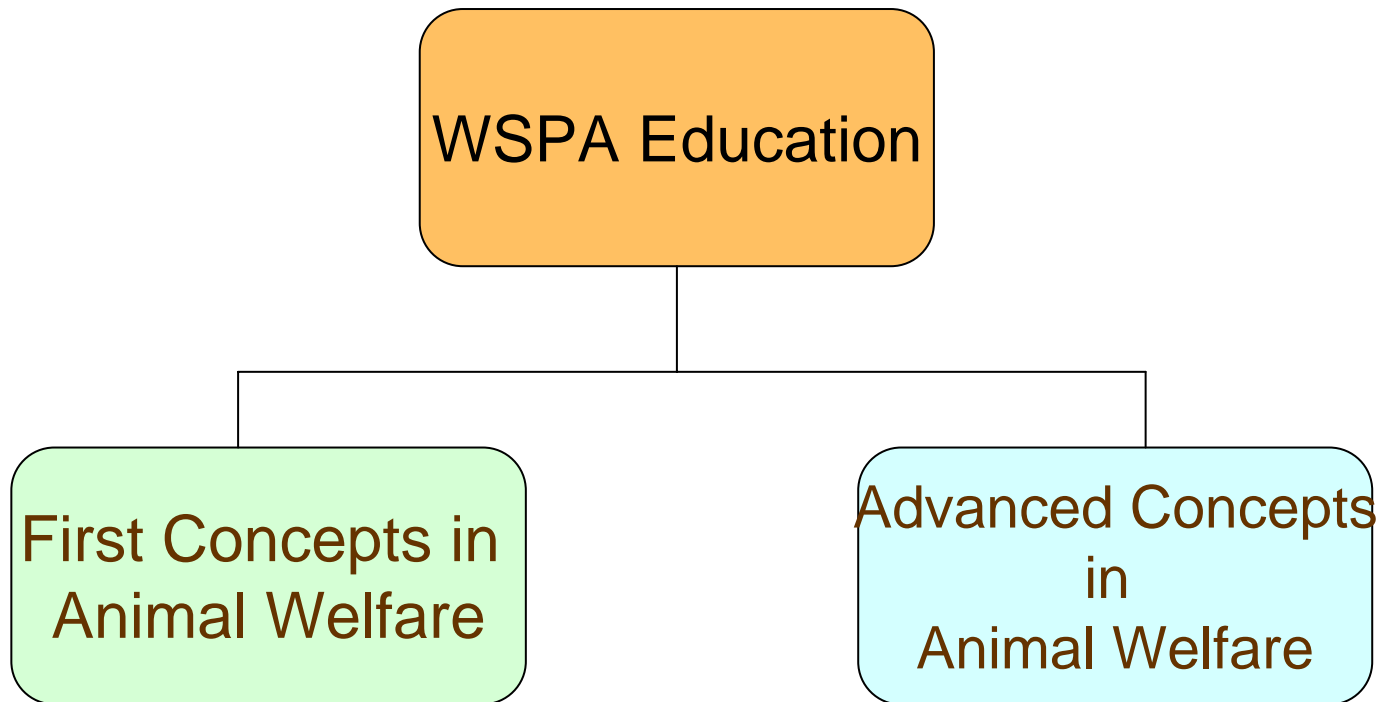
# Advanced Concepts in Animal Welfare for veterinary schools



**Ruth De Vere** MRes QTS BSc  
Head of Education  
WSPA



# Two formal education programmes:



# Advanced Concepts in Animal Welfare (ACAW): contributing to a humane veterinary curriculum worldwide.

**The problem:** Veterinary students often have poor attitudes and behaviour towards the animals in their care

**The goal:** To improve the knowledge of veterinary lecturers and students in the science of animal welfare to create the positive attitudes necessary for treating animals and for giving advice on welfare

## **The approach:**

- Target Deans of Faculty
- Train lecturers to use our “Concepts in Animal Welfare” CD ROM
- Assist with professional development of lecturers
- Develop “Key Drivers”
- Promote the 3R’s “Reduce, Refine, Replace”

## The Concepts in Animal Welfare (CAW) Resource:



- Produced in 2003 in collaboration with the University of Bristol, revised 2007
- 34 PowerPoint modules
  - Group discussions
  - Project work
  - Assessment material
  - Suggested reading lists
- Available in English, Japanese, Spanish, Portuguese, Chinese and Indonesian
- Korean, Vietnamese & Thai translations underway

# Implementation around the world:

## Peru, Chile, Colombia, Argentina, & Mexico

- Formal relations with and endorsements achieved from Veterinary Associations and professional bodies:

*PANVET (Pan America), OIE Collaborating Centres, COLMEVET (Chile), ASFAMEVEZ (Colombia), SOMEVET (Argentina), COPEVET (Mexico)*

- CAW available online in Spanish (Moodle Platform)



- Increasing numbers of Vet schools including Animal Welfare as a compulsory subject

<b>Country</b>	<b>Faculty</b>	<b>Total Number of Faculties in Country</b>	<b>Number WSPA has worked with</b>	<b>Number incorporating animal welfare</b>
Peru	Vet School	15	4	1
Chile	Vet School	16	11	6
Colombia	Vet School-mix	32	27	13
Bolivia	Vet School	8	4	2
Argentina	Vet School	15	10	3
Mexico	Mix	24	15	15
Dominican Republic	Vet School	1	1	1
Guatemala	Vet School	1	1	1
Nicaragua	Vet School	2	1	1
Uruguay	Vet School	1	1	1
Ecuador	Vet School	9	2	2

## Brazil:

- Workshops for lecturers continue
- Increasing numbers of faculties include animal welfare in their taught courses (4 in 2006, nearly 50% by 2010)

Country	Faculty	Total Number of Faculties in Country	Number WSPA has worked with	Number incorporating animal welfare
Brazil	Vet & Animal Science	204	120	57*

\* Incorporate AW as a result of the workshops. A larger number of lecturers and faculties utilise the CAW resource even where no stand alone animal welfare module exists

## Africa

- 21 faculties across 13 countries received the original CAW CD
- Kenya, Uganda & Tanzania targeted for pilot programme
- Key vet schools now incorporate Animal Welfare as a mandatory subject
  - University of Nairobi (since 2008)
  - Makarere University (as of 2010)
  - Sokoine University (as of 2008)
- Agriculture & Livestock Training Institutes (ALTIs)
  - 2 each in Kenya & Uganda, 6 in Tanzania
  - Lecturers trained, teaching resource adopted



*Data from internal audit*

Asia:

Country	Faculty	Total Number of Faculties in Country	Number WSPA has worked with	Number incorporating animal welfare
Vietnam	Veterinary	7	7	1
China	Mix	80+ (est)*	24	10
India	Mix	52	16	52**
Indonesia	Mix	8	8	5
Malaysia	Mix	1	1	1
Nepal	Mix	2	2	2
Philippines	Mix	20	20	20
Thailand	Mix	8	8	8

\*No differentiation between vet and agriculture schools

\*\*Compulsory in all vet schools across India separate to WSPA's involvement



## Focus on Key Drivers in Asia:

- 12 enthusiastic and competent personnel identified as “Key Drivers” across 8 countries
- Provided with specific training on programme delivery
- Supported to gain expertise in the field through funding to study for other qualifications in the field
- leading on national steering committees, running workshops and disseminating resources

## Key learning points

- Endorsement from professional veterinary associations is enormously useful
- Veterinary Deans must be approached first
- Lecturers need to be provided with the opportunity to develop their own knowledge of the subject to increase buy-in and quality of teaching
- Curricular commitments still provide the largest obstacle for implementation of AW in Veterinary and Animal Science studies.

## Summary:

**Our goal:** To improve the knowledge of veterinary lecturers and students in the science of animal welfare to create the positive attitudes necessary for treating animals and for giving advice on welfare

- Animal Welfare is naturally gaining attention throughout the veterinary world
- WSPA provides an excellent teaching and learning tool that enables lecturers to educate their students with appropriate content
- Our approach is comprehensive in targeting professional bodies and deans of faculty with a variety of approaches, and ensuring that lecturers are well trained and supported as they embark on the implementation process



Thank you