

## Institute for Research & Development

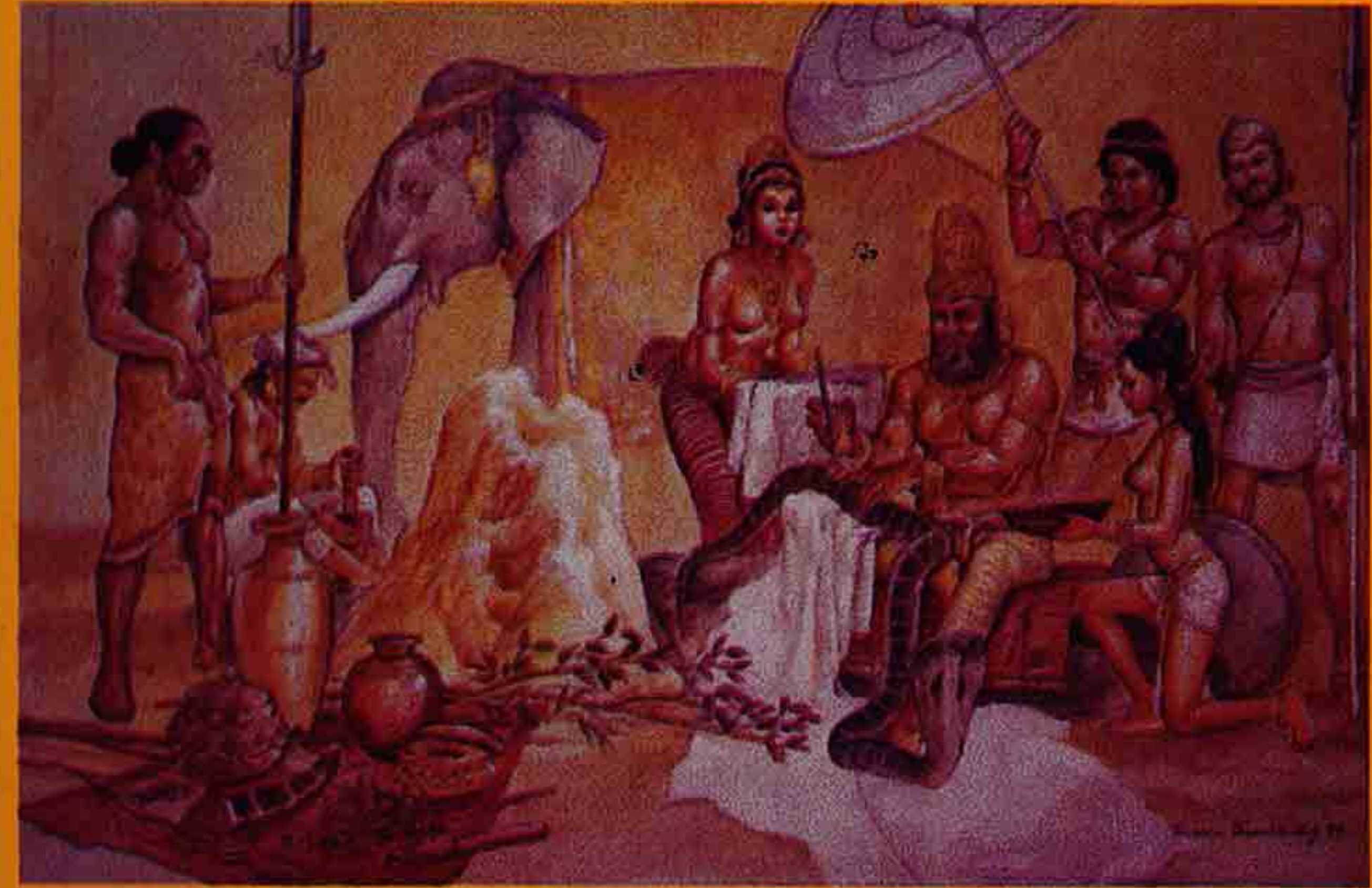
No: 393/3, Lily Avenue, Off Robert Gunawardana Mawatha  
Battaramulla, Sri Lanka.

Tel/ Fax : 0094 11 2863084, 0094 11 5662895

E-mail : forum4research@gmail.com, insresdev@gmail.com



## Workshop on Veterinary Ethics



**"Initiative Workshop for Policy Development  
of Veterinary Ethics in Sri Lanka"**





**Institute for Research & Development**

**Workshop on Veterinary Ethics**

**“Initiative Workshop for Policy Development  
of Veterinary Ethics in Sri Lanka”**

**July 28<sup>th</sup> -30<sup>th</sup> 2010**

**Inaugural session on July 28, 2010  
at Institute of Continuing Education, Gannoruwa, Peradeniya.**

**Organized by:**

Institute for Research & Development

**In collaboration with:**

The Royal Veterinary College, UK

University Federation for Animal Welfare (UFAW), UK

Faculty of Veterinary Medicine, University of Peradeniya

Department of Animal Production and Health, Sri Lanka

**Our mission**

To bring together Sri Lankan scholars, academics and professionals from diverse disciplines, living anywhere in the world, to create an overarching research culture in Sri Lanka, and to foster evidence based informed decision-making, crucial for the sustainable development of the country.

[www.ird.lk](http://www.ird.lk)

\* The cover picture depicts King Buddhadasa (340-68 AD) performing surgery on an ill snake, a king renowned in Sri Lankan history for his knowledge and prowess, especially in treating sick animals. He was known for his kindness towards animals and interest in animal welfare.

## Index

Messages	02
Resource persons	08
Organizing Committee	12
Programme	13
Recommended reading	16
List of Invitees	18
List of Participants	19
Acknowledgements	20



## **Messages for the Initiative Workshop for Policy Development of Veterinary Ethics in Sri Lanka**

### **Message from the Director, Institute for Research & Development**

The Institute for Research and Development (IRD) possessed a unique goal and vision; to establish a multi disciplinary academic and research institution which work towards policy impact. We started as a forum; the Forum for Research and Development which soon expanded into the IRD in year 2000. Since then we have fostered a truly multidisciplinary approach, working across disciplines. Translating our vision into practice, we contributed significantly towards developing the National Mental Health Policy and also contributed towards the National Disaster Management Policy following the tsunami. We were also commissioned by the Ministry of Health to carry out an Island wide mental health survey. Alongside our strong research record we have developed a bioethics programme; clinical and research ethics. Capacity building activities and researching into ethics have also been one of our many successes. Today we extend our activities to the veterinary sciences, collaborating with other stakeholders in the field. Our efforts aim to facilitate further developments in this field and foster capacity building while working for policy impact.

Veterinary science and ethics is not novel to our country. Mahawansa, the chronicle documenting Sri Lankan history, talks of King Buddhadasa (340-68 AD) who excelled in medicine, surgery and veterinary science. 40 years ago as a school boy I learned how King Buddhadasa had relieved the suffering of a snake. According to the story, whilst on a routine visit to a temple, he spotted a huge snake, wriggling and rolling on an anthill, apparently suffering from acute pain. King Buddhadasa had the habit of carrying a kit of surgical instruments. He descended from his royal elephant, went near the snake and operated on the snake's belly and removed the obstruction. That was my first lesson on veterinary ethics and the passion for animals in our culture. Hence, as in other fields of bioethics, Sri Lankan and Asian veterinary ethics will add new knowledge to international ethics whilst learning back from the global knowledge. This initiative does not aim to 'teach' any one instead will try to share experience, knowledge and expertise in order to establish a strong North-South collaboration; with a view to enrich the ever growing subject of bioethics. We are grateful to the Wellcome trust, the world's largest research charity, for supporting this initiative in Sri Lanka, adding to the support they rendered to IRD over the last 12 years.

I would also take this opportunity to thank all the resource persons, collaborators and the organizing committee for making this programme a success.

**Dr Athula Sumathipala**  
(MBBS,DFM,MD(Sri Lanka), MRCPsych, CCST(UK), PhD(Lon)  
**Hon. Director**  
**Institute for Research & Development**  
**E - mail : athula.sumathipala@kcl.ac.uk**

**Institute for Research & Development**

## **Workshop on Veterinary Ethics**

### **"Initiative Workshop for Policy Development of Veterinary Ethics in Sri Lanka"**

**July 28<sup>th</sup> -30<sup>th</sup> 2010**

**Inaugural session on July 28, 2010  
at Institute of Continuing Education, Gannoruwa, Peradeniya.**

#### **Organized by:**

Institute for Research & Development

#### **In collaboration with:**

The Royal Veterinary College, UK  
University Federation for Animal Welfare (UFAW), UK  
Faculty of Veterinary Medicine, University of Peradeniya  
Department of Animal Production and Health, Sri Lanka

#### **Our mission**

To bring together Sri Lankan scholars, academics and professionals from diverse disciplines, living anywhere in the world, to create an overarching research culture in Sri Lanka, and to foster evidence based informed decision-making, crucial for the sustainable development of the country.

[www.ird.lk](http://www.ird.lk)

## Index

Messages	02
Resource persons	08
Organizing Committee	12
Programme	13
Recommended reading	16
List of Invitees	18
List of Participants	19
Acknowledgements	20



## **Messages for the Initiative Workshop for Policy Development of Veterinary Ethics in Sri Lanka**

### **Message from the Director, Institute for Research & Development**

The Institute for Research and Development (IRD) possessed a unique goal and vision; to establish a multi disciplinary academic and research institution which work towards policy impact. We started as a forum; the Forum for Research and Development which soon expanded into the IRD in year 2000. Since then we have fostered a truly multidisciplinary approach, working across disciplines. Translating our vision into practice, we contributed significantly towards developing the National Mental Health Policy and also contributed towards the National Disaster Management Policy following the tsunami. We were also commissioned by the Ministry of Health to carry out an Island wide mental health survey. Alongside our strong research record we have developed a bioethics programme; clinical and research ethics. Capacity building activities and researching into ethics have also been one of our many successes. Today we extend our activities to the veterinary sciences, collaborating with other stakeholders in the field. Our efforts aim to facilitate further developments in this field and foster capacity building while working for policy impact.

Veterinary science and ethics is not novel to our country. Mahawansa, the chronicle documenting Sri Lankan history, talks of King Buddhadasa (340-68 AD) who excelled in medicine, surgery and veterinary science. 40 years ago as a school boy I learned how King Buddhadasa had relieved the suffering of a snake. According to the story, whilst on a routine visit to a temple, he spotted a huge snake, wriggling and rolling on an anthill, apparently suffering from acute pain. King Buddhadasa had the habit of carrying a kit of surgical instruments. He descended from his royal elephant, went near the snake and operated on the snake's belly and removed the obstruction. That was my first lesson on veterinary ethics and the passion for animals in our culture. Hence, as in other fields of bioethics, Sri Lankan and Asian veterinary ethics will add new knowledge to international ethics whilst learning back from the global knowledge. This initiative does not aim to 'teach' any one instead will try to share experience, knowledge and expertise in order to establish a strong North-South collaboration; with a view to enrich the ever growing subject of bioethics. We are grateful to the Wellcome trust, the world's largest research charity, for supporting this initiative in Sri Lanka, adding to the support they rendered to IRD over the last 12 years.

I would also take this opportunity to thank all the resource persons, collaborators and the organizing committee for making this programme a success.

**Dr Athula Sumathipala**  
(MBBS,DFM,MD(Sri Lanka), MRCPsych, CCST(UK), PhD(Lon)  
**Hon. Director**  
**Institute for Research & Development**  
E - mail : [athula.sumathipala@kcl.ac.uk](mailto:athula.sumathipala@kcl.ac.uk)

## **Message from Universities Federation for Animal Welfare**

It is with pleasure that I accept the invitation to participate in this workshop on veterinary ethics. The very large and growing human population frequently presents threats to the welfare of animals and, increasingly also, to the viability of wildlife species. I look forward to discussing and sharing experiences about these issues and considering how, in striving to meet the needs of humans into the future, biodiversity and the welfare of sentient animals can best be protected.

**Professor James Kirkwood**  
**Chief Executive and Scientific Director**  
**Universities Federation for Animal Welfare**  
**United Kingdom**  
E - mail : [kirkwood@ufaw.org.uk](mailto:kirkwood@ufaw.org.uk)



### **Message from Royal Veterinary College**

It is a privilege to participate in this workshop to explore animal welfare and ethics in Sri Lanka. Animal welfare and veterinary ethics are increasingly being introduced to the veterinary undergraduate, postgraduate and continuous professional development programmes and this workshop is a timely opportunity explores how this can be achieved within the veterinary community in Sri Lanka. I look forward to sharing my experiences and to explore future developments in this field.

**Ayona Silva-Fletcher**  
Director, Veterinary Education  
The Royal Veterinary College, UK  
E - mail : ASilvaFletcher@RVC.AC.UK

### **Message from Dean, Faculty of Veterinary Medicine and Animal Science, University of Peradeniya**

On behalf of the Faculty of Veterinary Medicine and Animal Science of the University of Peradeniya, I welcome you all to our midst, to attend the important workshop on Animal Welfare and Bioethics. In this world, animals are becoming our companions – there is especially so in nations with low birth rates and when the elderly population is expanding. Hence I do congratulate you all for organizing this event and hope that these deliberations will pave the pathway for enhancing animal welfare and bioethics in our nation and the region.

**Prof. Preeni Abeynakaye**  
Dean,  
Faculty of Veterinary Medicine and Animal Science  
University of Peradeniya, Sri Lanka.  
E - mail : preeniab@yahoo.com

## **Message from the Department of Animal Production and Health, Sri Lanka**

Veterinarians are unique as they have to work with animals which cannot talk. Proper understanding of the animals and their owners is needed in dealing with animals. When treating an animal the veterinarian's responsibility lies both on the patient and the owner. Even if it is a wild animal without a proper owner, the veterinarian has a big responsibility on the life of the animal. Veterinarians are also involved in culling of animals due to various reasons. He or she should have a better understanding on what is right and wrong. Under such situations the veterinarians should be fully aware of veterinary ethics. Doing a wrong thing will not only affect the veterinarian's personnel career but also will have a bad effect on the whole veterinary profession.

Veterinarians in Sri Lanka have less exposure to veterinary ethics. Very little is taught at the university level. Opportunities to discuss veterinary ethics are also very much limited in Sri Lanka. Under this situation this kind of workshop is timely planned. The topics which will be covered at the workshop are highly relevant and will be useful to the local veterinarians who have less exposure to the subject of veterinary ethics.

I take this opportunity to thank the organizers of the workshop and the resource persons for their commitments and valuable contribution.

**Dr. A.D.N. Chandrasiri**  
**Director General**  
**Department of Animal Production and Health**  
**Peradeniya**  
**E-mail : dgdaph@sltnet.lk**

## **Message from the organizing committee**

Veterinarians are professionals who must make ad hoc decisions that influence the fate of animals and affect the lives of the people who own or look after them. They also have to address various issues such as conflict between food quality and the ethical treatment of animals, the moral conflict between environmentalism and welfarism, and the ethical review process in the use of animals in science etc. Under these circumstances, as an organizing committee it is our pleasure to actively engage in organizing of this workshop and bringing the veterinary professionals of various sectors to the initiation of development of veterinary ethics policy for Sri Lanka. We are sure that this workshop would be thought-provoking event for every participant.

**Dr. Vijitha Perera**  
**On behalf of the organizing committee**  
**E-mail : vijitha\_wildlife@yahoo.com**



## Resource persons

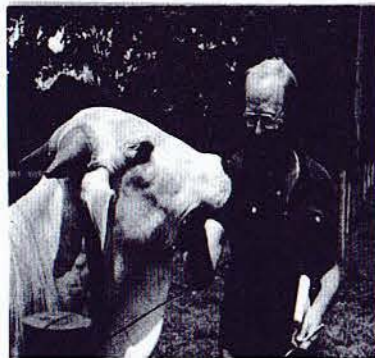
### Prof. James Kirkwood



James graduated from Bristol University Veterinary School in 1975. He is Chief Executive and Scientific Director of the Universities Federation for Animal Welfare (UFAW) and of the Humane Slaughter Association (HSA); Visiting Professor in the Department of Pathology and Infectious Diseases at the Royal Veterinary College; and Editor of the quarterly scientific journal *Animal Welfare*. For 12 years, prior to taking up his present posts in 1996, he was Head of the Veterinary Science Research Group at the Institute of Zoology, Zoological Society of London. He was President of the British Veterinary Zoological Society 94-96. He is Chairman of the Zoos Forum and Deputy Chairman of the Companion Animal Welfare

Council. He has published some 150 papers in the scientific literature on aspects of the biology, diseases, conservation and welfare of animals.

### Prof. Neville Gregory



Neville graduated from Aberdeen University in 1973. He is Professor of Animal Welfare Physiology at the Royal Veterinary College, University of London. He is Editor of the quarterly scientific journal *Outlook on Agriculture* and scientific adviser to the International Meat Secretariat. For 10 years, prior to taking up his present post in 2003, he was Director of Flaxley Agricultural Centre in South Australia, science director at the Meat Industry Research Institute of New Zealand, and AGMARDT Professor of Animal Welfare at Massey University. He has published over 150 peer reviewed papers, and six student textbooks. Most of his research work has been on animal welfare, with the main

emphasis on methods used for killing livestock and wild animals, and the causes and suffering associated with injury and disease.

### Dr. Ayona Silva-Fletcher



She qualified as a veterinarian from the Faculty of Veterinary Medicine and Animal Science, University of Peradeniya, Sri Lanka, and then did an MSc in Animal Nutrition and a PhD at the University of Aberdeen UK. Following this, Ayona spent several years in postdoctoral and teaching appointments at the University of Peradeniya, Sri Lanka, the University of London (Royal Postgraduate Medical School), University of Leiden, Netherlands and finally at the Open University, UK. In 2003 Ayona joined the Royal Veterinary College, UK, as the Director of Distance Learning and played a major role in expanding the programme with the development of a new MSc and a short course framework. In 2008 Ayona moved to her current position

as the Director of Veterinary Education at the Royal Veterinary College to take a leading role in developing a new MSc in Veterinary Education. Ayona is currently involved in several overseas projects funded by the FAO, European Union and the British Council, involving Bangladesh, India, Sri Lanka and Thailand. Ayona is passionate about veterinary education and the continuous professional development of veterinarians.

### Prof. Preeni Abeynayake



She is the current Dean of the Faculty of Veterinary Medicine and Animal Science of the University of Peradeniya. She had been involved in administration since 2002 as Head of the Department of Veterinary Pathobiology and Chairperson of the Faculty Curriculum Development Committee. She was a Veterinary Graduate of the University of Peradeniya who commenced her academic career in 1978 after a short spell in the State Sector. She completed the Ph.D. in the area of Veterinary Clinical Pharmacology at Massey University, Palmerston North, New Zealand. She has a keen interest in

chemotherapy, regulatory Pharmacology and regulatory toxicology. In addition to her current academic and administrative commitments she has been the pioneer member in establishing a food safety programme for livestock, poultry and aquatic products. She had strengthened the academic programme in Veterinary Public Health and Food Safety by adding new components including rural sociology, environmental safety, animal welfare and bioethics to the syllabus.



### Dr. Athula Sumathipala



He is a Sri Lankan who originally graduated and trained in Sri Lanka. He obtained MBBS, Diploma in Family Medicine and a MD (research on Medically Unexplained Symptoms) in Sri Lanka. Then he re-qualified in UK, undergoing postgraduate training in Psychiatry at the prestigious Maudsley and Bethlem Royal hospitals and also obtaining Certificate of Completion of Specialist Training (CCST) in the UK. He also has a PhD from University of London to his credit. He was then based at the Institute of Psychiatry, Kings College, University of London (Section of Epidemiology) but spent a considerable part of his time in Sri Lanka conducting various health research in the

country. He co-founded the Institute for Research and Development, in Sri Lanka which is dedicated both to capacity building and establishing an ethical research culture. He is the Director of IRD.

### Dr. A.D.N. Chandrasiri



He qualified as a veterinarian from the Faculty of Veterinary Medicine and Animal Science, University of Peradeniya, Sri Lanka in 1978. Then he did a Diploma in Animal Husbandry and a MSc in Animal Breeding (1987) in Agricultural University of Norway. Dr. Chandrasiri completed his Ph.D. in Animal Reproduction at University Putra, Malaysia (1998). He served as a Government Veterinary Surgeon from 1978-1989 and joined to the Veterinary Research Institute as a Veterinary Research Officer in 1989.

Dr. Chandrasiri became the Director of Veterinary Research Institute in 2006, May and worked there as the Director until 2008, January. Then he moved to the position of Director, Animal Breeding in January, 2008. Following this, Dr. Chandrasiri was promoted as the Additional Director General of the Department of Livestock Production in June, 2008 and he became the Director General in March, 2010. Currently he is working as the Director General of the Department of Livestock Production, Sri Lanka. He has published about 90 papers in refereed journals and many public articles and also possesses publications in text books and monographs.

### Dr. Vijitha Perera



He graduated from the Faculty of Veterinary Medicine and Animal Science, University of Peradeniya in 1995. He has working as a wildlife veterinarian at the Department of Wildlife Conservation since 1998. He has followed a Diploma in Endangered species management in the Durrell Wildlife Conservation Centre at Jersey, UK and has done MSc in Biodiversity Conservation Management in Post Graduate Institute of University of Peradeniya and MSc. Wild Animal Health, Royal Veterinary College, UK. He has followed the "Basic and Intensive Courses on Bioethics, Conducted by the Forum for Research and Development, Sri Lanka. He serves as a

visiting lecturer of wildlife ecology for the Faculty of Veterinary Medicine, University of Peradeniya. Currently he is the secretary of Sri Lanka Wildlife Veterinary Association and assistant secretary of Sri Lanka Veterinary Association. Vijitha is passionate with wild animal welfare.



## Organizing Committee

Dr. Lalani Yatawara  
Institute for Research & Development



Dr. Ganga Wijesinghe  
National Zoological Garden, Dehiwala.



Dr. Susil Silva  
Veterinary Research Institute, Gannoruwa, Peradeniya.



## Initiative Workshop for Policy Development of Veterinary Ethics in Sri Lanka

First Day – 28<sup>th</sup> July 2010

Module / Task	Time	Title of the lecture topic	Resource person
1. Inauguration/ Philosophy and principles of medical ethics	9.30 -10.45	Why do we need this initiative? <b>Presentation and discussion</b>	Dr. Athula Sumathipala
Tea break 10.45-11.00			
2. Overview of status of veterinary ethics in Sri Lanka.	10.45-11.15	<b>Presentation</b> (Ethics in vet curriculum, Veterinary contribution in ethical review committees, Concerns of veterinary ethics in animal production, companion animal practice, zoo and wildlife management and animal research.	Representative of Sri Lanka Veterinary Council (SLVC) or Faculty of Veterinary Medicine
3. Veterinary ethics policy in Sri Lanka	11.15-12.15	Law and legislation relevant to veterinary ethics/ animal welfare in country. <b>Presentation and discussion</b>	Mr.Senaka Weerathne and Dr. Athula Sumathipala
12.30- 13.30 Lunch			
5. Respect for Animals	13.30-15.30	Why animal suffering matters morally / Animal welfare why should we concern it? <b>Presentations and discussions</b>	Prof. James Kirkwood
Tea Break 15.30-15.45			
5. veterinary ethics	15.45-17.00	The basics and essential ingredients <b>Presentation with Discussion</b>	Prof. Neville Gregory



Second Day – 29<sup>th</sup> July 2010

Module / Task	Time	Title of the lecture topic	resource person
6. Veterinary ethics policy	9.30- 10.45	How does policy support for better animal welfare and quality veterinary profession <b>Presentation and discussion</b>	Prof. Neville Gregory
Tea break 10.45-11.15			
8. International experience	11.15 – 12.30	Overview and trends of veterinary ethics in the world/ Animal ethics and welfare organizations in the world <b>Presentation and discussion</b>	Prof. James Kirkwood
Lunch 12.15-13.00			
9. Discussion on selected case studies on medical ethics	13.00- 14.00	Case study to be decided <b>Discussion</b>	Mr. Senaka Weerathne and Dr. Athula Sumathipala
10. Discussion on selected case studies on veterinary ethics (International experience)	14.00-15.15	Case study to be decided <b>Discussion</b>	Prof. James Kirkwood and Prof. Neville Gregory
Tea break 15.15-15.30			
11. Discussion on selected case studies on veterinary ethics (local experience)	15.30-17.00	Case study to be decided <b>Discussion</b>	Representative of Sri Lanka Veterinary Council with Prof. James Kirkwood and Prof. Neville Gregory

Third Day – 30<sup>th</sup> July 2010

Module / Task	Time	Title of the lecture topic	Name of the resource person
12. Conflicts of interest	09.30-10.45	Veterinary ethical and welfare issues associated with day today practice (Euthanasia, breeding control, intervention on wildlife health) <b>Presentation with Discussion</b>	Prof. James Kirkwood and Prof. Neville Gregory
Tea break 10.45-11.00			
13. Conflicts of interest and policy for veterinary ethics	01.00-12.15	Ethics on animal research, Control of zoonotic diseases, ethical review committees, clinician versus administrator <b>Discussion</b>	Prof. James Kirkwood and Prof. Neville Gregory
Lunch 12.30-13.15			
14. How can we develop sound veterinary ethic policy	13.15-14.15	Sri Lankan context Group works (04 groups), identification of strategies and gaps	Prof. James Kirkwood and Prof. Neville Gregory Representative of SLVA Dr. Athula Sumathipala
15. How can we develop sound veterinary ethic policy	14.15-15.15	Group presentations and discussion	Prof. James Kirkwood and Prof. Neville Gregory Representative of SLVA Dr. Athula Sumathipala
15.15-15.30 Tea Break			
16. Summary of the workshop	15.30 – 16.45	<b>Discussion</b>	Prof. James Kirkwood and Prof. Neville Gregory
17. closing sessions	16.45-17.00	Evaluation and feedback	Dr. Athula Sumathipala



## Recommended Reading

1. Beyae, S., Nicoll, L. (1999). Using ethical analysis when there is no research. *Association of periOperative Registered Nurses Journal*, 1-3.
2. Carter, L. Four Basic principles of biomedical Ethics. <http://www.uq.edu.au/oppe>.
3. Chandra, B.S, Das, N. (2001). The Handling and Short-haul Road Transportation of Spent Bujaloes in Relation to Bruising and Animal Welfare. *Tropical Animal Health and Production* 33, 155-163.
4. Costa, M.J.R.P. Da., Madonado, F.G., Vilanova, X.M.I., Canen, S.M.H., Dahlanuddin, Phillips, C., Battaglia, D. (2010). FAO Guidelines for Animal Welfare: Identification of Beef Cattle. Food and Agriculture Organization of the United Nations, Rome. <http://www.fao.org/>.
5. David, B.M. (2010). A Commentary on the Animal Welfare Symposium, with Possible Actions. *Journal of Veterinary Medical Education* 37(1), 107-113.
6. David, C.J.M. (2010). Evolution of Animal-Welfare Education for Veterinary Students. *Journal of Veterinary Medical Education* 37(1), 30-35.
7. Donald, M.B. (2010). Animal Welfare: An Aspect of Care, Sustainability, and Food Quality Required by the Public. *Journal of Veterinary Medical Education* 37(1), 83-88.
8. Gregory, N.G. (2010). Study Unit: Veterinary Ethics and Animal Welfare. University of London.
9. Kilkenny, C., Browne, W.J., Cuthill, I.C., Michael, E., Altman, D.G. (2010). Improving Bioscience Research Reporting: The ARRIVE Guidelines for Reporting Animal Research. *Public Library of Science Biology* 8 (6), 1-5.
10. Markman, M., Markman, M. (2007). Running and Ethical trial 60 years after the Nuremberg code. <http://oncology.thelancet.com> 8, 1139-1146.
11. Nuffield Council on Bioethics. The ethics of research involving animals. [www.nuffieldbioethics.org/](http://www.nuffieldbioethics.org/).
12. Parker, M., Hope, T. (2004). Ways of thinking about ethics. The medicine publishing company Ltd, 33-35.
13. Pauline, P. (2007). The Ethics of Animal Research: A UK Perspective. *Institute for Laboratory Animal Research Journal* 48 (1), 42-46.
14. Singer, P.A. (2000). Medical Ethics. Clinical Review. *British Medical Journal* 321, 282-285.
15. Siriwardhana, C. (2007). Disaster Research Ethics – A Luxury or a Necessity for Developing Countries?. *Asian Tribune*. <http://www.asiantribune.com/index.php?q=node/4524>.
16. Smetanka, C., Cooper, D.K.C. (2005). The ethics debate in relation to xenotransplantation. *Rev. sci. tech. Off. int. Epiz* 24 (1), 335-342.
17. Sumathipala, A., Jafarey, A. (2010). Ethics of Disaster Management, Clinical Care and Research. *Asian Bioethics Review* 2 (2), 105-107.
18. Sumathipala, A. et al. (2010). Ethical Issues in Post-Disaster Clinical Interventions and Research. *Asian Bioethics Review* 2 (2), 124-142.
19. Sumathipala, A., Siribaddana, S., Hewage, S., Lekamwattage, M., Athukorale, M., Siriwardhana, C., Munasinghe, K., Sumathipala, K., Murray, J., Prince, M. (2010). Understanding of Research: a Sri Lankan Perspective. *BioMed Central Medical Ethics* 11(1), 7.
20. Sumathipala, A., Siribaddana, S., Hewage, S., Lekamwattage, M., Athukorale, M., Siriwardhana, C., Murray, J.A., Prince, M. (2008). Informed consent in Sri Lanka : views of ethics committee members: A qualitative study. *BioMed Central Medical Ethics* 20 (9), 10.
21. Sumathipala, A., Siribaddana, S., Silva, N. De. (2003). Qualitative Research. *Ceylon medical Journal* 48(4), 136-140.
22. Swazo, N.K. (2010). "Just one animal among many?" Existential phenomenology, ethics, and stem cell Research. [www.Springerlink.com](http://www.Springerlink.com). published, 197-224.
23. Workman, P., Aboagye, E.O., Balkwill, F., Balmain, A., Bruder, G., Chaplin, D.J., Double, J. A., Everitt, J., Farningham, D.A.H., Glennie, M.J., Kelland, L.R., Robinson, V., Stratford, I.J., Tozer, G.M., Watson, S., Wedge, S.R., Eccles, S.A. (2010). Guidelines for the welfare and use of animals in cancer research. *British Journal of Cancer* 102 (11), 1555-1577.



## List of Invitees

1. Prof. Sivakaneshan, President, Sri Lanka Veterinary Council.
2. Dr. K.M.T Kendaragama, Registrar, Sri Lanka Veterinary Council
3. Director General, Dr. A.D.N. Chandrasiri, Department of Animal Production and Health
4. Director Animal Health, Dr. R.M.A Chandrasoma
5. Director Livestock Planning, Dr. P. Wijewantha
6. Director Breeding, Dr.D.R.T.G. Rathnayaka
7. Prof. H. Abeygunawardana, (Former Vice Chancellor of University of Peradeniya),  
University Grant Commission
8. Dr. S.S.E Ranawana, Former Director General, Department of Animal Production and Health
9. Dr. A. Dangolla, President, Sri Lanka Veterinary Association
10. Prof. K.K Pathirana, Faculty of Agriculture, University of Ruhuna
11. Prof. Oswin Perera, Faculty of Veterinary Medicine
12. Dr. Krishantha Premarathna, Faculty of Veterinary Medicine and Animal Science
13. Dr. Sandha Kottewaththa, Faculty of Veterinary Medicine and Animal Science
14. Dr. E. R. K. V. Edirimanna, Faculty of Veterinary Medicine and Animal Science
15. Dr. Anil Pushpakumara, Faculty of Veterinary Medicine and Animal Science
16. Dr. D. Illeperuma, Senior Veterinary Surgeon, Colombo Municipal Council
17. Dr. Saliya Silva, Faculty of Agriculture, University of Peradeniya
18. Dr. Deshapriya Ratnayaka, Faculty of Agriculture, University of Peradeniya
19. Dr. B.D.R. Wijewardana, Veterinary Research Institute
20. Dr. N. Priyankarage, Veterinary Research Institute
21. Dr. N.D. Senasinghe, Veterinary Research Institute
22. Dr. S.S. Iddamaldeniya, Veterinary Research Institute
23. Deputy Director, Division of Wildlife Health and two wildlife veterinarians from  
Department of Wildlife Conservation, Sri Lanka
24. Dr. Ramani Jayalath, Department of National Zoological Garden of Sri Lanka
25. Dr. Jagath Jayasekara, Department of National Zoological Garden of Sri Lanka
26. Dr. C. Rajapaksa, Department of National Zoological Garden of Sri Lanka

## List of Participants

1. Dr. Mayuri Thammitiyagodage-Medical Research Institute
2. Dr. Mohomad Ijas-Anti Rabies campaign
3. Dr. Nalinika Obeysekera-private practitioner
4. Dr. Mangala Gunatilaka-Medical Faculty, Colombo
5. Dr. D.D. Wanasinghe- Veterinary Surgeon
6. Dr. Ajith Liyanagamage-HRD, Department of Animal Production and Health
7. Dr. Balasubramaniam Sivayoganathan- Department of Animal Production and Health
8. Dr. Kuleshwarakumar Kulanayagam- Deputy Provincial Director, Animal Production and  
Health, Central province
9. Dr. K.D. Ariyapala-Deputy Director, Livestock, planning and economics
10. Dr. Nimal Jayaweera-Veterinary Research Institute
11. Dr. Mohamad Mahir-Veterinary Surgeon, Kathankudi
12. Dr. Chamari Kannangara-Ethics committee, Medical Faculty, Peradeniya
13. Dr. Wasantha Piyadasa- Senior VS, NGO
14. Dr. Chamith Nanayakkara- Private practitioner
15. Dr. Sirimewan Gunawardana-Private practitioner
16. Dr. Dayani Siriwardane- Private practitioner
17. Dr. Komathy Maheswaran, Lecturer, Animal Science Diploma
18. Dr. Zulficar Aboobucker-Veterinary Surgeon, Kalmunai
19. Dr. Sarath Kuruppu-Public Health Veterinary Services
20. Dr. Sumith Wanniarachchi -Private Practitioner
21. Dr. Niromi Jayasekara, Faculty of Veterinary Medicine
22. Dr. Senarath Seelanatha, VS, Theldeniya
23. Dr. Kumudunie Rajanayake, Veterinary Surgeon, PD Office, Central Province,
24. Dr. Athula Mahagamage, Former president SLVA, Technical Director, American Soybean  
Association
25. Dr. Ushan Pallegama, Emerchemie NB (Ceylon) Ltd.



## Acknowledgements

Dr. Sisira Siribaddana

Dr. Chesmal Siriwardhana

Mr. Kamal Senanayake- YN Printers

Mr. Aruna Walisundara

Ms. Mekala Narangoda

Ms. Chamali Jayasinghe

Ms. Gayani Pannala

Mr. T. Jayakumar



## List of Participants

1. Dr.Mayuri Thammitiyagodage-Medical Research Institute
2. Dr.Mohomad Ijas-Anti Rabies campaign
3. Dr.Nalinika Obeysekara-private practitioner
4. Dr.Mangala Gunatilaka-Medical Faculty, Colombo
5. Dr.D.D.Wanasinghe- Veterinary Surgeon
6. Dr.Ajith Liyanagamage-HRD, Department of Animal Production and Health
7. Dr.Balasubramanium Sivayoganathan- Department of Animal Production and Health
8. Dr.Kuleshwarakumar Kulanayagam- Deputy Provincial Director, Animal Production and Health, Central province
9. Dr.K.D.Ariyapala-Deputy Director, Livestock, planning and economics
10. Dr.Nimal Jayaweera-Veterinary Research Institute
11. Dr.Mohamad Mahir-Veterinary Surgeon, Kathankudi
12. Dr.Chamari Kannangara-Ethics comitte, Medical Faculty, Peradeniya
13. Dr. Wasantha Piyadasa- Senior VS,NGO
14. Dr.Chamith Nanayakkara- Private practitioner
15. Dr.Sirimewan Gunawaradana-Private practitioner
16. Dr.Dayani Siriwardane- Private practitioner
17. Dr.Komathy Maheswaran, Lecturer, Animal Science Diploma
18. Dr.Zulficar Aboobucker-Veterinary Surgeon, Kalmunai
19. Dr.Sarath Kuruppu-Public Health Veterinary Services
20. Dr.Sumith Wanniarachchi -Private Practitioner
21. Dr. Niromi Jayasekara, Faculty of Veterinary Medicine
22. Dr. Senarath Seelanatha, VS ,Theldeniya
23. Dr. Kumudunie Rajanayake, Veterinary Surgeon, PD Office, Central Province,
24. Dr. Athula Mahagamage, Former president SLVA, Technical Director, American Soybean Association
25. Dr. Ushan Pallegama, Emerchemie NB (Ceylon) Ltd.



## Acknowledgements

Dr. Sisira Siribaddana

Dr. Chesmal Siriwardhana

Mr. Kamal Senanayake- YN Printers

Mr. Aruna Walisundara

Ms. Mekala Narangoda

Ms. Chamali Jayasinghe

Ms. Gayani Pannala

Mr. T. Jayakumar