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# ZOO'S PRINT

**Magazine of Zoo Outreach Organisation**

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Be sure to read "Time is running out!" by Dr. Bert de Boer, Pp. 4-7

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## Magazine of Zoo Outreach Organisation

### ZOO's PRINT Publication Guidelines

We welcome articles from the conservation community of all SAARC countries, including Afghanistan, Bangladesh, Bhutan, India, Maldives, Nepal, Pakistan, Sri Lanka and other tropical countries if relevant to SAARC countries' problems and potential.

**Type** — Articles of semi-scientific or technical nature. News, notes, announcements of interest to conservation community and personal opinion pieces.

**Feature articles** — articles of a conjectural nature — opinions, theoretical, subjective.

**Case reports:** case studies or notes, short factual reports and descriptions.

**News and announcements** — short items of news or announcements of interest to zoo and wildlife community

### Cartoons, puzzles, crossword and stories

**Subject matter:** Captive breeding, (wild) animal husbandry and management, wildlife management, field notes, conservation biology, population dynamics, population genetics, conservation education and interpretation, wild animal welfare, conservation of flora, natural history and history of zoos. Articles on rare breeds of domestic animals are also considered.

**Source:** Zoos, breeding facilities, holding facilities, rescue centres, research institutes, wildlife departments, wildlife protected areas, bioparks, conservation centres, botanic gardens, museums, universities, etc. Individuals interested in conservation with information and opinions to share can submit articles ZOOS' PRINT magazine.

### Manuscript requirements:

Articles should be typed into a Word format and emailed to [zooreach@zooreach.org](mailto:zooreach@zooreach.org). Avoid indents, all caps or any other fancy typesetting. You may send photos, illustrations, tables.

Articles which should contain citations should follow this guideline: a bibliography organized alphabetically and containing all details referred in the following style: surname, initial(s), year, title of the article, name of journal, volume, number, pages.

### Editorial details:

Articles will be edited without consultation unless previously requested by the authors in writing. Authors should inform editors if the article has been published or submitted elsewhere for publication.

### Publication Information

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ZOOS' PRINT magazine is informal and newsy as opposed to a scientific publication. ZOOS' PRINT magazine sometimes includes semi-scientific and technical articles which are reviewed only for factual errors, not peer-reviewed.

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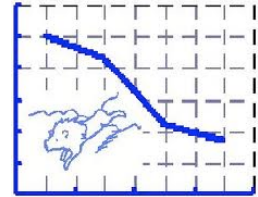
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# ANNOUNCEMENT: UFAW Animal Welfare Conference

## “Recent advances in animal welfare science III”

### 21st June 2012



Animal welfare is a cross-disciplinary area of science that is attracting increasing interest and funding and is being widely employed to guide and inform legislation and practice relating to the use of animals. Much, however, still remains to be understood. As part of its commitment to improving the way we understand and care for animals, the Universities Federation for Animal Welfare is holding the third of a series of one-day conferences on 'Recent advances in animal welfare science' on 21st June 2012.

#### Programme details:

The following speakers will be contributing talks to the conference:

- **Lambton SL, CJ Nicol, JL McKinstry, M Friel, J Walton and CA Weeks** (*University of Bristol, UK*) -- Testing a management package designed to reduce injurious pecking in loose-housed commercial laying hen flocks
- **Baker SE and DW Macdonald** (*University of Oxford, UK*) -- Assessing the relative humaneness of vertebrate pest control methods in the UK
- **Smulders TV, BA Robertson, O Rhys, L Holmes, MS Turner, RB D'Eath, PW Wilson, IC Dunn and T Boswell** (*University of Newcastle, Scottish Agricultural College and University of Edinburgh, UK*) -- Food-restricted broiler breeders: Does chronic hunger lead to chronic stress?
- **Rowan AN and M Jones** (*Humane Society International, USA and UK*) -- Developing benchmarks for assessing the success of dog management approaches around the world
- **Ellwood SA, RPD Atkinson, DW Macdonald and SE Baker** (*University of Oxford, UK and The Elephant Sanctuary in Tennessee, USA*) -- The mechanical performance of currently unregulated spring-traps for use with rats, mice and moles
- **Part C, J Kiddie, W Hayes, D Mills, DB Morton and LM Collins** (*Queen's University Belfast, Royal Veterinary College, University of Lincoln and University of Birmingham, UK*) -- Dogs at home: A comparison of welfare physiology and behaviour at home and in a boarding kennel environment
- **de Haas EN, TB Rodenburg, J ten Napel and B Kemp** (*Wageningen University, The Netherlands*) -- Behavioural development of feather pecking in commercial laying hens – the past or the present?
- **Bateson M, G Feenders and K Klaus** (*University of Newcastle, UK*) -- Effects of hand-rearing on the cognition and behaviour of caged European starlings
- **Leach MC, K Klaus, AL Miller, M Scotto di Perrotolo, SG Sotocinal and PA Flecknell** (*University of Newcastle, UK and McGill University, Canada*) -- The assessment of post-vasectomy pain in mice using behaviour and the Mouse Grimace Scale
- **Viitasaari E, L Hänninen, M Heinonen, M Raekallio and A Valros** (*University of Helsinki, Finland*) -- The benefits of ketoprofen administered intramuscularly 3 days post partum in sows
- **Packer RMA, A Hendricks and CC Burn** (*The Royal Veterinary College, UK*) -- How long and low can you go? A preliminary investigation of exaggeration of back length and reduction in leg length as a risk factor for intervertebral disc herniation (IVDH)
- **Nasr MAF, J Murrell, LJ Wilkins and CJ Nicol** (*University of Bristol, UK and Zagazig University, Egypt*) -- The effect of two classes of opioid drug on the landing ability of laying hens with and without keel fractures
- **Hothersall B, G Caplen, CJ Nicol, AE Waterman-Pearson, CA Weeks and JC Murrell** (*University of Bristol, UK*) -- Challenges of determining links between pain and lameness in broiler chickens

There will be a poster session during the lunch break which will feature over 50 presentations. Further details, including the full programme of speakers and a registration form, can be found on the UFAW website <http://www.ufaw.org.uk/conference2012.php>. Registration is from 8.30, with talks starting at 9.30 and ending at 17.10.

#### Other details:

UFAW intends these regular conferences provides a forum at which the broad community of scientists, veterinarians and others concerned with animal welfare can come together to share knowledge and practice, discuss advances and exchange ideas and views. As part of this commitment, and to ensure that the meeting is accessible to widest range of those with an interest in animal welfare, UFAW aims to keep the registration fee to attend the conferences low, this year it is just **£25**.  
*Note: This price includes refreshments but delegates will need to make their own arrangements for lunch.*

#### Venue:

The conference is being held in York, in the medieval Merchant Adventurers' Hall, Fossgate YO1 9XD. Located next to the pedestrianised centre of York and built in 1357, the timbered Hall and Undercroft make up one of the best preserved medieval guild halls in the world.

#### Background to UFAW:

UFAW, the Universities Federation for Animal Welfare, is an internationally-recognised, independent, scientific and educational animal welfare charity. The organization promotes high standards of welfare for farm, companion, laboratory and captive wild animals and those with which we interact in the wild.

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