Research Symposium

Ontario Veterinary College, Pathobiology/AHL Building, Room 1800
May 2nd, 2012
9:00am – 5:00pm
ORAL PRESENTATIONS

9:00 Welcome

Session I – Improving Comfort, Health and Welfare

9:05 Pathogen identification and incidence rates of mastitis on organic and conventional dairy farms in Southern Ontario
Lena Levison*, Anita Tucker, Renée Bergeron, Herman Barkema and Trevor DeVries

9:25 Short Presentations

Effect of stall mattress compressibility of the activity, lying behaviour and cleanliness of dairy cows
Alexa Main*, Derek Haley, Todd Duffield, Cassandra Tucker and Nigel Cook

An investigation of sow lameness: a case study
Sarah Ahola*, Robert Friendship, and Tina Widowski

9:40 Elevated resting bunks improve the health and welfare of nursing mink
Lauren Dawson*, Margaret Quinton, Derek Haley and Georgia Mason

10:00 Injuries on tie-stall dairy farms and the relationship with lying time and stall base
Jessica Zaffino*, Clemence Nash and Derek Haley

10:20 Break

Session II – Improving the Procedures We Use to Care for Animals

10:50 A water sprinkling method to cool market pigs during summer transport
Jessica Fox*, Tina Widowski, Stephanie Torrey, Eleonora Nannoni, Renée Bergeron, Harold Gonyou, Jennifer Brown, Trever Crowe and Luigi Faucitano

11:10 Improving euthanasia on the farm: Testing the Zephyr-E for use as an alternative euthanasia technique for piglets from 3-9 kg
Teresa Casey-Trott*, Stephanie Nykamp, Patricia Turner, Suzanne Millman and Tina Widowski
11:30  **Short Presentations**

**The effects of lidocaine and meloxicam on piglets during and post-castration**
Michelle Lam*, Derek Haley, Robert Friendship and Tina Widowski

**Comparison of inter-observer agreement for different types of welfare measures using three animal welfare assessment protocols for swine**
Ashley Roberts*, Tina Widowski, Penny Lawlis and Renée Bergeron

11:45  **Investigation of the use of meloxicam for reducing pain associated with castration and tail-docking and improving performance in piglets**
Ryan Tenbergen*, Robert Friendship, Glen Cassar and Derek Haley

12:05  **Using a Y-maze test to assess whether broiler breeder hens prefer a quantitatively or qualitatively restrictive diet**
Krysta Morrissey*, Tina Widowski, Steve Leeson, Victoria Sandilands, Hank Classen and Stephanie Torrey

12:25  **Lunch and Posters**

1:30  **Keynote** - "For the love of dog: the welfare of animals we profess to love"
Andrew Luescher, Purdue University

**Session III - An Inextricable Link: Behaviour and Welfare of Humans and Animals**

2:30  **On the significance of puzzling behaviours: what do yawning and adult play tell us about horse welfare?**
Carole Fureix* and Martine Hausberger

2:50  **Short Presentation**

**Linking donkey & human welfare in Maun, Botswana**
Martha Geiger and Alice Hovorka*

3:00  **Break**

3:30  **The nature of social play and its relation to sexual behaviour in farmed mink**
Jamie Ahloy Dallaire*, Kaela Shaw, and Georgia Mason

3:50  **Short Presentations**

**Improving enrichment practices for laboratory mice**
Michael Walker* and Georgia Mason

**Assessment of beef cattle temperament on farms**
Tara Jones*, Joseph Stookey, Derek Haley, and Stephen Miller

4:05  **Identifying subtypes of inactivity that indicate poor welfare in captive mink**
Rebecca Meagher* and Georgia Mason
4:25 Short Presentations

Location! Location! Location! The effect of cage size and density on the use of nest boxes in large furnished cages
Michelle Hunniford, Linda Caston, Stephanie Torrey and Tina Widowski

Assessing foraging and dustbathing behaviours of laying hens in two cage sizes and densities in furnished cages
Eugenia Herwig and Tina Widowski

4:40 Wrap up and student awards

POSTER PRESENTATIONS

Plucking behaviour in companion parrots: Do species differ in their intrinsic susceptibilities, and if so, why?
Heather McDonald Kinkaid*, Daniel Mills, Steve Nichols, Rebecca Meagher and Georgia Mason

Male mink raised with simple environmental enrichments show improved copulation performance in adulthood
Kaela Shaw*, Jamie Dallaire, Rebecca Meagher and Georgia Mason

Investigation of the use of meloxicam post-farrowing for improving sow performance and reducing pain
Ryan Tenbergen*, Robert Friendship, Glen Cassar, Maria Amezcua and Derek Haley

Two different analgesics given prior to castration to relieve post-surgical pain in piglets
Ryan Tenbergen*, Robert Friendship, Glen Cassar and Derek Haley

Do I look scared? Exploring the use of anxiolytic drugs on fear responses of domestic laying hens
Stephanie Yue Cottee*, Kenner Rice and Tina Widowski

REGISTRATION: Registration and lunch are free although a donation of $10 for students and $20 for Faculty would be greatly appreciated to help cover costs (your donation can be made the morning of the symposium at the registration desk). Please pre-register no later than April 30th, to help us plan the catering.

To register, please visit www.uoguelph.ca/ccsaw