



## Research Symposium

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



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## 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](http://www.uoguelph.ca/ccsaw)