6th Annual Animal Welfare Research Symposium
Ontario Veterinary College, Pathobiology/AHL rm 1800, May 15th, 2013
9:00am – 5:00pm
Thank you to our sponsor:

Registration & lunch are free although donations the morning of the symposium are greatly appreciated (suggested: $10/Student & $20/other to help cover costs. Please pre-register before Wednesday May 8th to help us plan the catering. To register and view full schedule of abstracts visit: www.uoguelph.ca/ccsaw

ORAL PRESENTATIONS

9:00 Welcome

SESSION I – Looking after the welfare of our companions

9:05 Investigating anhedonia in a non-conventional species: are some riding horses depressed?
Carole Fureix*, Margaret Quinton, Cleo Beaulieu, Georgia Mason

9:20 The effect of human body posture on horse behaviour
Katrina Merkies*, Helen MacGregor, Marieka Ouimette, Emilie Bogart, Kayla Miraglia

9:35 Methods for measuring fecal corticosteroid metabolites in domestic horses (Equus caballus) using enzyme immunoassays
Cordy DuBois*, Katrina Merkies, Laura Graham

9:42 Assessing impulsivity and aggression in dogs using a modified marshmallow experiment
Jacquelyn Jacobs*, Jason Coe, Lee Niel

SESSION II – Assessing welfare in practical settings

9:50 What impacts animal welfare in companion animal veterinary clinics?
Lauren Dawson*, Cate Dewey, Elizabeth Stone, Michele Guerin, Lee Niel

10:05 A comparison of three animal welfare assessment programs on Canadian swine farms
Ashley Roberts*, Penny Lawlis, Renee Bergeron, Tina Widowski
SESSION III – Addressing welfare concerns of dairy cattle & dairy goats

10:50 Voluntary intake and feeding preferences of dairy cattle for Chicory (*Chichorium intibus*) and Birdsfoot trefoil (*Lotus corniculatus*) as related to harvest time
Danielle Lombardi*, Elsa Vasseur, Robert Berthiaume, Trevor DeVries, Renee Bergeron

11:05 Relationship between post-milking standing time and incidence of intramammary infection in dairy cows
Mary Watters*, Herman Barkema, Ken Leslie, Marina von Keyserlingk, Trevor DeVries

11:20 The effect of stall surface compressibility on dairy cow behaviour
Alexa Main*, Todd Duffield, Cassandra Tucker, Nigel Cook, Derek Haley

11:35 The effect of reduced access to teats on feeding patterns and performance of dairy calves
Emily Miller-Cushon*, Renée Bergeron, Ken Leslie, Georgia Mason, Trevor DeVries

11:50 Potential application of changes in activity levels for early identification of pregnancy toxemia in transition dairy goats
Gosia Zobel*, Ken Leslie, Daniel Weary, Marina von Keyserlingk

SESSION IV – Investigating behavior & welfare of beef cattle

12:05 The behavior of cattle unloaded for feed, water and rest during long-distance transportation in Canada
Hannah Flint*, Karen Schwartzkopf-Genswein, Ken Bateman, Derek Haley

12:20 Correlations and relevance of methods used to assess temperament of beef cattle
Tara Jones*, Derek Haley, Joseph Stookey, Stephen Miller

12:35 The perception of roping calf welfare before, during and after “The Show”
Shannon Nicholson*, Ian Duncan, Susan Nance

12:45 LUNCH

SESSION V – KEYNOTE

1:40 The behavior & welfare of laying hens in aviaries: Challenges & possibilities for gathering data
Janice Siegford, Michigan State University
SESSION VI – Improving the welfare of poultry

2:40  Keel fracture assessment of laying hens by palpation: inter-observer reliability and accuracy  
Mike Petrik*, Michele Guerin, Tina Widowski

2:55  Assessing the behaviour and welfare of broiler breeder pullets reared on different feeding schedules  
Brittany Lostracco*, Tina Widowski, Ashleigh Arnone, and Stephanie Torrey

3:05  BREAK

3:20  Does it seem crowded to you? Nesting behaviour and nest box use in large furnished cages  
Michelle Hunniford*, Stephanie Torrey, Gregoy Bedecarrats, Ian Duncan, Tina Widowski

3:35  Foraging and dustbathing of laying hens housed in large furnished cages is affected by cage size and stocking density  
Eugenia Herwig*, Tina Widowski

3:50  Effect of water sprinkling during rearing on growth, environment and behavior of leghorn pullets  
Leanne Cooley*, Linda Caston, Stephanie Torrey, Tina Widowski

SESSION VII – Exploring aspects of welfare in mink & rodents

4:05  Providing ‘get-away bunks’ and other enrichments to primiparous adult female mink improves their reproductive productivity  
Misha Buob, Rebecca Meagher, Lauren Dawson, Rupert Palme, Derek Haley, Georgia Mason

4:20  Mink play it cool: juvenile rough-and-tumble play reduces fearfulness in adulthood for Neovison vison  
Jamie Ahloy Dallaire*, Georgia Mason

4:35  Co-housing rodents with different coat colours as a simple, non-invasive means of individual identification: validating mixed-strain housing for female C57BL/6 and DBA/2 mice  
Michael Walker*, Carole Fureix, Rupert Palme, Georgia Mason

4:50  CCSAW update – Tina Widowski

5:00  Closing Remarks
POSTER PRESENTATIONS

1. **Infrared thermography to evaluate lameness in pregnant sows**  
   Rocio Amezcua, Shannon Walsh*, Paul Luimes, Robert Friendship

2. **The importance of communication in maintaining containment within an ABSL- large animal facility during an emergency heating ventilation and air conditioning shutdown**  
   Michael Brunt*, Michelle Pitre, Marcus Litman

3. **Injurious pecking in domestic turkeys: development, causes, and potential solutions**  
   Hillary Dalton*, Ben Wood, Stephanie Torrey

4. **Inter-observer reliability of body condition scoring in dairy cattle for on-farm animal welfare assessment**  
   Sam Deelen*, Cordelie Dubois, Sarah Dykeman, Alanna Gotziaman, Brittany Lostracco*, Andrea Nace, Shannon Nicholson*, Santiago Palacio, Alanna Patterson*, Colleen Roehrig, Elise Shepley, Stephanie Silnieks, Mike Draper, Penny Lawlis

5. **Measurement of feeding motivation in limit-fed dairy heifers**  
   Angela Greter, Todd Dufﬁeld, Brian McBride, Tina Widowski, Trevor DeVries

6. **Do limit-fed heifers prefer supplementary long or short straw?**  
   Angela Greter, Maarten Prinsen, Todd Dufﬁeld, Brian McBride, Tina Widowski, Trevor DeVries

7. **Body condition scores of Western and English discipline horses**  
   Katrina Merkies*, Cassie Eves, Kristin Hall, Veronica Peacock

8. **Effect of whip use on high and low speed index Quarter Horses while racing**  
   Katrina Merkies*, Nicole Durand, Kassie Joyce, Cecilia Zegers

9. **Assessing the ability of the synthetic cat pheromone 'Feliway' to mitigate post-operative stress in tigers (Panthera tigris)**  
   Andrea Nace*, William Swanson, Laura Graham

10. **Understanding early turkey poult feeding behaviour**  
    Colleen Roehrig*, Stephanie Torrey

11. **Attack intensity of pest flies and behavioural responses of pastured dairy cows**  
    Carrie Woolley, Simon Lachance, Trevor DeVries, Renée Bergeron