11th Annual CCSAW Research Symposium – 2018
May 9th, 2018 9:00am – 5:00pm (registration at 8:30am)

Welcome
9:00 Dr. Malcolm Campbell, Vice-President (Research), University of Guelph

Session #1: Poultry I
9:10 The effect of calcium propionate in feeding strategies for broiler breeders on dietary palatability and conditioned place preference
Aitor Arrazola*, Tina Widowski, Michele Guerin, Stephanie Torrey

9:25 Assessment of aversion and time to loss of consciousness to CO₂ gas exposure in turkeys
Rathnayaka M.A.S. Bandara*, Stephanie Torrey, Rebecca L. Parsons, Tina M. Widowski, Suzanne T. Millman

9:40 Evaluation of different electroencephalographic and behavioural changes for on-farm euthanasia of turkeys
Elein Hernandez*, Fiona James, Stephanie Torrey, Tina Widowski, Karen Schwean-Lardner, Patricia V. Turner

Poster Introductions
9:55 1-min intros to posters

10:15 POSTER SESSION & COFFEE BREAK – 60 min

Session #2: Poultry II
11:15 A cross-sectional study of associations between management and feather damage in Canadian laying hens housed in furnished cages
Caitlin Decina*, Olaf Berke, Nienke van Staaveren, Christine F. Baes, Tina Widowski, Alexandra Harlander

11:30 Too close for comfort? Effects of space allowance on the comfort behaviours of three strains of pullets in enriched cages
Lorri Jensen*, Tina Widowski

11:45 Problem-solving in laying hens
Isabelle Y. Kwon*, Bishwo B. Pokharel, Ilka Boecker, Alexandra Harlander

12:00 Startle reflex as a welfare indicator in laying hens
Misha Ross*, Georgia Mason, Alexandra Harlander

12:15 LUNCH – 60 min

Session #3: CCSAW Research Grants
1:15 Pharmacology and antinociception of a sustained-released butorphanol – poloxamer 407 formulation in Amazon parrots
Delphine Lanieisse, Hugues Beaufrère, David Sanchez-Migallon Guzman, Cornelia Mosely, Heather K. Knych, Dale A. Smith*

1:35 Does using internal state as a discriminative stimulus require conscious awareness?
Georgia Mason*, Dora Duka, Anile Seth, Mateo Leganes Fontenau, Christopher Brown, Kyriaki Nikolaou, Zoltan Dienes, Walter Sanchez Suarez
Session #4: Mice, Dogs & Mink

1:55  Female mice can distinguish between conspecifics raised with enrichment and those raised in standard ‘shoebox’ cages
Aimee Adcock*, Emma Nip, Basma Nazal, Aileen MacLellan, Georgia Mason

2:10  Enriched mice are nice: long-term effects of environmental enrichment on agonism in female C57BL/6s, DBA/s, and BALB/cs
Emma Nip*, Aimee Adcock, Basma Nazal, Georgia Mason

2:25  Effect of owner presence on dog responses to a routine physical exam in a veterinary setting
Anastasia Stellato*, Tina Widowski, Cate Dewey, Lee Niel

2:40  Boredom-like states in mink are rapidly reduced by enrichment, and are unrelated to stereotypic behaviour
Andrea Polanco*, Rebecca K. Meagher, Georgia Mason

2:55  COFFEE BREAK – 30 min

Session #5: Cattle

3:25  The effect of two stage weaning on the behavioural response of beef calves
Heather MacElwee*, Derek Haley

3:40  Will dairy cows sort their diet in response to negative energy balance?
Sydney M. Moore*, Trevor J. DeVries

3:55  Effect of solid feed location on feed consumption and growth of dairy calves
Sarah D. Parsons*, Ken E. Leslie, Michael A. Steele, Trevor J. DeVries

4:10  Associations between the general physical condition and the selling price of culled dairy cows sold at three Ontario auction markets
Allison K.G. Moorman*, Todd F. Duffield, Ann Godkin, David F. Kelton, Jeffrey Rau, Derek B. Haley

4:25  Receptivity of animal care feedback and advice: Dairy farmers’ perspectives
Stephanie L. Croyle*, Emily Belage, Deep K. Khosa, Stephen J. LeBlanc, Derek Haley, David F. Kelton

Closing Remarks

4:40  Questions Arising: Some Philosophical Reflections
Karen Houle

4:50  Student Awards & Acknowledgements
Derek Haley & Lee Niel

5:00  End
1. Assessing the welfare of fast-growing broilers reared in pens with or without enrichment
   Zhenzhen Liu*, Stephanie Torrey, Ruth C. Newberry, Tina Widowski

2. Assessing the welfare of turkeys euthanized with CO\textsubscript{2} under different fill rates
   Logan Patterson*, Tina Widowski, Karen Schwean-Lardner, Stephanie Torrey

3. Strain differences and effects of different densities during rearing on the musculoskeletal development of pullets
   Danielle Fawcett*, Teresa Casey-Trott, Lorri Jensen, Tina Widowski

4. Is there a relationship between feather pecking and response inhibition in laying hens?
   Jennifer Heinsius*, Nienke van Staaveren, Isabelle Kwon, Angeli Li, Joergen Kjaer, Alexandra Harlander

5. Gut motility in laying hens with different propensities for feather pecking behaviour
   Julia Krumma*, Nienke van Staaveren, Isabelle Kwon, Christine West, Paul Forsythe, Wolfgang Kunze, Alexandra Harlander

6. Behavioural and physiological consequences of stressors on laying hens
   Claire Mindus*, Nienke van Staaveren, Haylee Champagne, Wolfgang Kunze, Paul Forsythe, Joergen B. Kjaer, Alexandra Harlander

7. The use of tryptophan to decrease abnormal behaviour and positively affect growth in growing pigs
   Maggie L. Henry*, Robert M. Friendship, Anna K. Shoveller, Anita L. Tucker

8. Are “depression-like” responses really depression?
   Aileen C. MacLellan*, Georgia J. Mason

9. Determining human ability to recognize canine stress in familiar and unfamiliar dogs
   Sydney D. Pearce*, Lee Niel, Katrina Merkies

10. Expression of canine inherited behaviours in crossbreds versus purebreds
   Victoria Shouldice*, Lee Niel, James A. Serpell, and J.A.B. Robinson

11. Effect of type of gradual weaning program on intakes and growth of dairy calves fed a high level of milk
    Sarah D. Parsons*, Ken E. Leslie, Michael A. Steele, Trevor J. DeVries
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