14th North American Regional Meeting of the ISAE
Friday April, 29th & Saturday April, 30th 2022
Alumni Center, UC Davis

Friday AM — Human-Animal Interaction

9:30 Evaluation of tube handling to improve the speed of post-shipment habituation in laboratory mice
Brianna Gaskill, Christina Boykin, Israel Zuniga, Kate Maynard, and Fabrizio Scorrano

9:45 Too much too soon: risk factors for fear behavior in kittens in foster care
Courtney Graham, David L. Pearl, and Lee Niel

10:00 – 11:00 Poster Presentations Group A & Coffee Break

11:00 Effects of caretaker interactions on the welfare of adult dogs in commercial breeding kennels
JoAnna Rogowski, Aitor Arrazola Durana, Traci Shreyer, Shanis Barnard, and Candace Croney

11:15 The effects of sheltering and a behavior modification program in cats from hoarding environments
Bailey Eagan, Karen van Haaften, and Alexandra Protopopova

11:30 Evaluating behavioral implications of calf handling and restraint methods used for processing pre-weaned beef calves
Lindsey Arkangel, Christy Goldhawk, Claire Windeyer, and Edmond Pajor

12:00 – 2:00 Lunch

2:00 – 3:00 Keynote Lecture: *Dr. Gail Patricelli*

3:00 – 4:00 Poster Presentations Group B & Coffee Break

Friday PM — Feeding Behavior

4:00 Hay provision affects 24h performance of normal and abnormal oral behaviors in milk-fed dairy calves.
Blair Downey and Cassandra Tucker

4:15 Isolation box test and its relationship with daily patterns of activity and feeding behavior measured by precision technology.
Megan Woodrum Setser, Heather Neave, and Joao H.C. Costa

4:30 Can the supplementation of parental diets with omega-3 fatty acids increase the spatial memory of Shaver white and ISA brown chickens in a T-maze test?
Rosemary Whittle, Elijah Kiarie, and Tina Widowski

6:00 – 9:00 Banquet Dinner: Moss Patio

Saturday AM Social Behavior

9:00 Effects of a disease challenge on social networks of group-housed dairy calves
Katherine Burke and Emily K. Miller-Cushon

9:15 Age and litter size influence puppy competitive behavior during nursing in the domestic dog.
Quinn Rausch, Erica Gibson, Gordon Lo, and Lee Niel

9:30 Are infrared thermography and automated feeding systems capable of identifying group-housed sow social hierarchies?
Dominique Sommer, Jennifer M. Young, and Christopher J. Byrd

10:00 – 11:00 Poster Presentations Group A/B & Coffee Break

Saturday AM Pain

11:00 Wound healing following caustic paste disbudding in dairy calves
Alycia Drwencke, Sarah Adcock, and Cassandra Tucker

11:15 Effects of willow bark (Salix) on pain and stress in recently disbudded organic dairy calves.
Madison Bacon, Marcia Endres, and Bradley Heins

11:30 Evaluation of firocoxib, delivered transmammary to piglets, to alleviate pain associated with elective husbandry procedures
Abbie Viscardi, Elizabeth A. Shirtcliff, Michael D. Kleinhenz, Emily Eppler, and Johann F. Coetzee

11:45 Developing a Goat Grimace Scale to assess pain in goats
Maria Lou, Michael D. Kleinhenz, Emily J. Reppert, Madeline G. Hall, Mikaela Weeder, Alyssa Leslie, Johann F. Coetzee, and Abbie V. Viscardi

12:00 – 2:00 Lunch

Saturday PM Housing and Management

2:00 Laying hen welfare in furnished cages: Effect of sham dustbathing and rearing experience on motivation to dustbathe on peat
Kristen Panetta, Ana K. Rentsch, Ian J. Duncan, and Tina M. Widowski

2:15 Do housing-induced changes in brain activity cause stereotypic behaviours in mice?
Lindsey Kitchenham, Aileen MacLellan, Pietro Paletta, Ashutosh Patel, Elena Choleris, and Georgia Mason

2:30 Measuring the amount of vertical space needed for laying hens to flap their wings
Tesa Grebey, Junjie Han, Juan Steibel, and Janice Siegford

2:45 Impact of stocking density and exercise on the social and stereotypic behaviors of developing beef heifers
Courtney Daigle, Reinaldo F. Cooke, Logan Rhamel, Aiden E. Juge, and Kelsey S. Harvey

3:00 – 3:30 Coffee Break
3:30 – 4:30 Student Awards Ceremony
4:30 – 6:00 Final Reception : Gateway Gardens

Full proceedings will be posted to conference website:
http://animalwelfare.ucdavis.edu/14th-na-isae.html