

Canine Science Conference

Regular speaker	15 min + 5 mins questions	20 minu
Plenary speaker	40 min + 5 mins questions	45 minu
Move time	5 min	5 minut

Friday (Noon to

Arizona Room

12:30 PM	1:00 PM	Greetings	Arizona Room
1:00 PM	1:40 PM	Plenary Lecture	Dr. Gregor Larson

Session 1		Arizona Room	Theme:	<i>Sociability & Attachment</i>
Start	End	Abstract #	Speaker	Title
1:50 PM	2:05 PM	S2	E. Feuerbacher	What does man's best friend see in us? Dogs' preference for different humans and human interactions
2:10 PM	2:25 PM	S42	K. Brown	Procedural Variations and Differences in Measurement Affect Canine Sociability Outcomes
2:30 PM	2:45 PM	S4	M. Udell	Evaluating Dog-Human Attachment Styles: Methodological and Practical Considerations
2:50 PM	3:05 PM	S33	L. Thielke	Attachment Styles in Dogs: Indicators of Separation Anxiety and Welfare Outcomes
3:10 PM	3:25 PM	S19	K. Grillaert	Behavioral and Epigenetic Variations in Differentially Socialized Puppies

3:30 PM	3:45 PM	Coffee Break
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Session 2		Arizona Room	Theme:	<i>Shelter Welfare & Behavior</i>
Start	End	Abstract #	Speaker	Title
3:45 PM	4:00 PM	S14	J. Bradley	No better than flipping a coin: reconsidering canine behavior evaluations in animal shelters
4:05 PM	4:20 PM	S20	R. Willen	A program of Human Interaction Reduces a Standard Measure of Aggression in Fearful Shelter Dogs.

4:25 PM	4:40 PM	S32	A. Andrukonis	Determining Compassion Fatigue in Animal Care Employees Using Behavioral, Physiological, and Subjective Measures of Stress and Wellbeing
4:45 PM	5:00 PM	S43	K. Miller	A statistical model to predict treatment outcomes for extremely fearful dogs at the ASPCA Behavioral Rehabilitation Center
5:05 PM	5:20 PM	S5	L. Gunter	
5:30 PM	6:10 PM	Plenary Lecture	Dr. James Serpell	Thirteen Years of C-BARQ: The Advantages and Limitations of Online Behavioral Assessments

6:30 PM	7:30 PM	Welcome Reception	Offsite Location:	<i>The Graduate rooftop</i>
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				Saturday (8:30 am)
Arizona Room				

9:00 AM	9:40 AM	Plenary Lecture	Dr. Anna Kukekova	Red fox genome assembly identifies genomic regions associated with tame and aggressive behaviors
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Session 3				
Arizona Room		Theme: <i>Canine Cognition</i>		
Start	End	Abstract #	Speaker	Title
9:50 AM	10:05 AM	S13	L. Brubaker	Differences in problem-solving between canid populations: Do domestication and lifetime experience affect persistence?
10:10 AM	10:25 AM	S46	A. Prichard	Associative learning with awake fMRI: When frabjous, flamingo or fragrance fortell food
10:30 AM	10:45 AM	S47	D. Buchsbaum	Dogs' sensitivity to ostension is not sufficient for pedagogical reasoning

10:50 AM	11:10 AM	Coffee Break		
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Session 4		Arizona Room			Theme: <i>Therapy, Service & Guide Dog Science</i>		
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Start	End	Abstract #	Speaker	Title
11:10 AM	11:25 AM	S16	G. Berns	Functional MRI in Awake Dogs Predicts Suitability for Assistance Work
11:30 AM	11:45 AM	S21	E. Bray	The effects of maternal investment, temperament, and cognition on guide dog success
11:50 AM	12:05 PM	S29	M. Olmert	Measuring Objective and Subjective Effects of Service Dog Training Therapy on PTSD through Randomized Control Trials at Walter Reed National Military Medical Center
12:10 PM	12:25 PM	S48	M. Arant	Observations of Therapy Dogs' Stress and Affiliative Behaviors Across Time

12:30 PM 1:30 PM Lunch Location: Ventana BC

Session 5 Arizona Room Theme: <i>Domestication & Genetics</i>				
Start	End	Abstract #	Speaker	Title
1:40 PM	1:55 PM	S51	K. Kortekaas	Observations of Therapy Dogs' Stress and Affiliative Behaviors Across Time
2:00 PM	2:15 PM	S8	C. Jung	Honor for a scavenger? Searching evidence for dog domestication on the waste dump?
2:20 PM	2:35 PM	S23	J. Hekman	Transcriptomics of the stress response in tame and aggressive foxes
2:40 PM	2:55 PM	S31	K. Lord	The Genetics of the Critical Period of Socialization in Dogs and Wolves
3:00 PM	3:15 PM	S28	E. MacLean	Breed Differences in Dog Behavior are Highly Heritable
3:20 PM	3:35 PM	S3	C. Wynne	

3:50 PM 4:30 PM Plenary Lecture Dr. Robert Wayne Evolutionary History, Selective Sweeps and Deleterious Variation in the Dog

5:30 PM 6:30 PM Pre-dinner Break

6:30 PM 8:30 PM Conference Dinner Location: Ventana BC

Sunday (8:30 am)

Arizona Room

9:00 AM 9:40 AM Plenary Lecture Dr. Elinor Karlsson Pet dogs, citizen science and the genomics of behavior

Session 6 **Arizona Room** **Theme:** ***Canine Cognition***

Start	End	Abstract #	Speaker	Title
9:50 AM	10:05 AM	S50	J. Espinosa	The Solidity Principle in Domestic Dogs
10:10 AM	10:25 AM	S22	L. Angel	Self-Control in the Domestic Dog (<i>Canis lupus familiaris</i>)
10:30 AM	10:45 AM	S40	L. Vernouillet	Transcriptomics of the stress response in tame and aggressive foxes

10:50 AM **11:10 AM** **Coffee Break**

11:15 AM 11:55 AM Closing Plenary Lecture Dr. Ludwig Huber How dogs understand us

11:55 AM **12:00 PM** **Closing Remarks**

Tentative Schedule

20 minutes

45 minutes

5 minutes

7:30 pm)

Pima Room

12:00 PM 12:30 PM Registration

12:30 PM 1:45 PM Ongoing Registration for Late Arrivals

Session 1		Pima Room	Theme:	<i>Applied Behavior & Training</i>	
Start	End	Abstract #	Speaker	Title	
1:50 PM	2:05 PM	S12	L. Feng	Clicker training may operate through different mechanisms in applied versus controlled settings	
2:10 PM	2:25 PM	S15	J. Cooper	Fine Grained Analysis of Efficacy and Welfare Consequences of Training Dogs with Remote Static Electric Training Collars (E-collars)	
2:30 PM	2:45 PM	S38	G. Pirner	Rabbit Maternal Pheromone Decreases Heart Rate and Anxiety-like Behaviors in Domestic Dogs during a Simulated Thunderstorm	
2:50 PM	3:05 PM	S9	F. Peron	Happiness is in the bowl! Emotional positive arousal in dogs tasting different products	
3:10 PM	3:25 PM	S27	S. Payne	Dogs	

Ongoing Registration for Late Arrivals

Session 2		Pima Room	Theme:	<i>Physiology, Health & Welfare</i>	
Start	End	Abstract #	Speaker	Title	
3:45 PM	4:00 PM	S6	A. Protopopova	The Effects of Temperament on Stress and Upper Respiratory Disease in Dogs in Animal Shelters	
4:05 PM	4:20 PM	S7	S. Urfer	What's Up, Dog? Using primary care veterinary data to implement the One Health paradigm in geroscience	

4:25 PM	4:40 PM	S30	V. Farmer-Dougan	Changes in Social Interactions with Sensory Stimuli Loss: Hearing and Vision Impaired Dogs.
4:45 PM	5:00 PM	S18	A. Jimenez	Cellular oxidative stress as a determinant of longevity between small and large breed dogs.
5:05 PM	5:20 PM	S11	K. Shorter	VARIABILITY OF KINETIC AND KINEMATIC VARIABLES ASSOCIATED WITH CANINE GAIT: A PRELIMINARY INVESTIGATION

Ongoing Registration for Late Arrivals; Posters can be hung in Pima room starting at 5:30 PM

1 - 8:30 pm)

Pima Room

8:30 AM 9:45 AM Registration Late Arrivals

Posters should be set up in Pima room prior to 9:30 AM

Poster presenters should plan to be at their poster from 10:50- 11:10 AM and from 4:15-5:15PM today

Session 3 Pima Room Theme: *Olfaction*

Start	End	Abstract #	Speaker	Title
9:50 AM	10:05 AM	S1	N. Hall	Food and Food-Odor Preferences in Dogs
10:10 AM	10:25 AM	S26	T. Ong	Supporting explosive-detection canine training with the help of a real-time trace vapor detection mass spectrometer
10:30 AM	10:45 AM	S39	K. Peranich	Evaluation of Generalization – Discrimination Balance for Detection Canines

Ongoing Registration for Late Arrivals & Posters Available for Viewing in Pima Room

Session 4 Pima Room Theme: *Canine-canine Interactions*

Start	End	Abstract #	Speaker	Title
11:10 AM	11:25 AM	S38	R. Trisko	Behaviors in Domestic Dogs during a Simulated Thunderstorm
11:30 AM	11:45 AM	S36	B. Smuts	Complexity in dog-dog social relationships
11:50 AM	12:05 PM	S44	G. Cimarelli	Intraspecific social relationships in dogs and wolves: the mediatory role of formal dominance and affiliation
12:10 PM	12:25 PM	S25	C. Walsh	The 'Dual Hormone Hypothesis' and Domestic Dogs: Cortisol X Testosterone Interactions Predict Competitive Task Outcome

(Posters Available for Viewing in Pima Room)

Session 5 Pima Room Theme:			<i>Applied Behavior & Behavioral Assessments</i>	
Start	End	Abstract #	Speaker	Title
1:40 PM	1:55 PM	S49	P. Reid	The Validity of a Fake Dog for Assessing Dog Sociability in Dogs from Cruelty
2:00 PM	2:15 PM	S17	S. Barnard	Personality traits affecting judgement bias task performance in dogs (<i>Canis familiaris</i>)
2:20 PM	2:35 PM	S24	C. Cussen	Discriminant Validity of a Questionnaire Survey in Canine Behavior Disorders
2:40 PM	2:55 PM	S35	B. Loftus	Risk Factors for Abnormal Repetitive Behaviour in kennelled dogs
3:00 PM	3:15 PM	S45	H. Flint	Effect of targeted training on dog owners' rating of fear in videos of dogs
3:20 PM	3:35 PM	S41	C. Lee	Anti-Cruelty Behavior Team, American Society for the Prevention of Cruelty to Animals (ASPCA)

4:30 PM 5:30 PM Poster Session Pima Room

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Pima Room

8:30 AM **10:00 AM** **Coffee located in Pima Room**

Session 6 **Pima Room** **Theme:** **Social Cognition**

Start	End	Abstract #	Speaker	Title
9:50 AM	10:05 AM	S52	R. Mitchell	Functions and organization of pointing by humans, and dogs' responses, during dog-human play between familiar and unfamiliar players
10:10 AM	10:25 AM	S10	S. Byosiere	Investigating the function of play bows in dingo puppies (<i>Canis dingo</i>)
10:30 AM	10:45 AM	S34	C. Duranton	Pet dogs show social preference towards people who synchronize their behaviours with them