

Sunday, July 15

Room	8:00 am - 12:00 pm	12:00 pm - 1:00 pm	1:00 pm - 5:00 pm	Evening
North Hall A-B	Exhibit Booth Setup (Vendors) & Poster Setup			
North Hall A-B Lobbies	(7:00 am - 7:00 pm) Registration Desk Open			
Symphony Hall				(7:00 pm - 8:15 pm) Opening Session
North 120 A-D				(8:15 pm - 10:00 pm) Opening Reception
121AB	Triennial Reproduction Symposium: Impediments to Fertility in Domestic Animals			
121C			(2:00 pm - 3:00 pm) ADSA Production Division Council Meeting; (3:00 pm - 4:00 pm) ADSA Production Division Nominating Committee; (5:00 pm - 6:00 pm) ADSA Dairy Foods Division Council Meeting	
122AB			(3:00 pm - 5:00 pm) Late-Breaking Original Research Session	
122C			(1:00 pm - 3:00 pm) 2012 and 2013 Program Committee Meeting	
221A		(7:00 am - 5:00 pm) Speaker Ready Room Open		
221B		(7:00 am - 5:00 pm) Pre-Load Room Open		
221C		(12:00 pm - 5:00 pm) Hospitality Room Open		
222AB		ASN - ADSA - ASAS		
222C		ASN Posters		
223				
231A	(11:00 am - 12:00 pm) ADSA-SAD Quiz Bowl Officials Meeting		Quiz Bowl	(5:30 pm - 6:00 pm) Quiz Bowl Final
231B	(10:00 am - 11:00 am) ADSA-SAD Officers and Advisor Meeting		Holding Room	Holding Room
231C			Quiz Bowl	(6:00 pm - 6:45 pm) ADSA Graduate Student Division Business Meeting and Open Forum
224AB	(11:00 am - 12:00 pm) ADSA-SAD Quiz Bowl Seating Test	(12:00 pm - 1:00 pm) ADSA-SAD Student Midday Mixer		

Monday, July 16

Room	7:30 am-9:30 am	9:30 am-12:30 pm	12:30 pm-2:00 pm	2:00 pm-5:00 pm	Evening
North Hall A-B	POSTERS	Posters/Exhibits Open			
North Hall A-B Lobbies	(6:30 am - 5:15 pm) Registration Open				
121AB		Companion Animals: Nutrition Special Needs—The relationship between novel ingredients, environment and gene expression		Dairy Foods Symposium: Maximizing Value of Milk Proteins – Manufacture, applications and market opportunities for milk protein concentrate	
121C		Dairy Foods: Cheese and Products Processing		Animal Behavior and Well-Being: Use of Animal Behavior to Assess Animal Welfare	
122C		ADSA Dairy Foods Oral Competition (Graduate)		(2:00 pm - 4:30 pm) Physiology and Endocrinology: Estrous Cycle Manipulation - Beef	
123		Growth and Development		Companion Animal Reproduction: To Breed or Not To Breed?	
125AB		Breeding and Genetics Symposium: Systems Biology in Animal Breeding: Identifying relationships among markers, genes, and phenotypes		Breeding and Genetics: Dairy Cattle Breeding I - Genetic improvement of animal health	
127C		(9:30 am - 11:30 am) ADSA/ASAS Northeast Graduate Paper Competition; (11:45 am - 12:30 am) ADSA Southern Section (Graduate)		(2:00 pm - 4:15 pm) Production, Management and the Environment: Beef, Sheep, Swine	(5:00 pm - 6:00 pm) FASS Science Policy Program Update
129AB		(9:30 am - 11:30 am) Nonruminant Nutrition: Minerals and Vitamins		(3:00 pm - 4:00 pm) ASAS Talks Change	
130		(10:30 am - 12:30 pm) ARPAS Exam	American College of Animal Science Annual Meeting	(2:00 pm - 4:00 pm) ARPAS Exam	
131ABC		(9:30 am - 11:00 am) Ruminant Nutrition I		(2:00 pm - 4:00 pm) Ruminant Nutrition: Beef	
132ABC		Ruminant Nutrition: Dairy Production I		Ruminant Nutrition: Dairy Production II	
221A		(7:00 am - 5:00 pm) Speaker Ready Room Open			
221B		(7:00 am - 5:00 pm) Pre-Load Room Open			
221C		(8:00 am - 5:00pm) Hospitality Room Open			

Monday, July 16

Room	7:30 am-9:30 am	9:30 am-12:30 pm	12:30 pm-2:00 pm	2:00 pm-5:00 pm	Evening
222AB		International Animal Agriculture Symposium: Increasing Undergraduate and Graduate Student Training in International Animal Agriculture		Nonruminant Nutrition Symposium: Swine NRC	
222C		ADSA Production Division Graduate Student Paper Competition - PhD		(2:00 pm - 4:15 pm) ADSA Production Division Graduate Student Poster Competition - MS	(5:00 pm - 6:00 pm) USDA-ARS Staff Update Session
223		CSAS Graduate Student I		CSAS Graduate Student II	
225AB		Forages and Pastures Symposium: Impact of Fungal-Endophytes on Pasture and Environmental Sustainability		(2:00 pm - 6:00 pm) ADSA Southern Section Symposium: Meeting the Nutrient Requirements of Dairy Cattle During Heat Stress	
226ABC		Ruminant Nutrition: Beef Production I		WSASAS Symposium-Beef: Beef Production in Arid Environments	
227AB		(8:20 am - 5:00 pm) ASAS Western Section Graduate Paper Competition			
228AB		Animal Health I		Animal Health II	
229A			ASAS Undergraduate Pizza Party		
229B		(9:30 am - 10:30 am) Discover Conference Steering Committee	ADSA Graduate Student Division Career Insights Lunch		
230	(8:00 am - 9:00 am) John's Disease Interest Group	(9:30 am - 10:30 am) ADSA-SAD Judging of Yearbooks, Scrapbooks, Annual Reports			
231A		(8:30 am - 9:15 am) ADSA-SAD Business Meeting; (9:30 am - 10:15 am) ADSA-SAD Activities Symposium; (11:00 am - 12:30 pm) ADSA-SAD Dairy Foods (Undergraduate)	(1:30 pm - 3:45 pm) ADSA-SAD-Dairy Production (Undergraduate)		
231B		(9:30 am - 10:30 am) ADSA-SAD Interviews for Outstanding Student and Advisor Awards			
231C		(9:30 am - 11:15 am) Lactation Biology: Lactation I; (11:30 am - 12:45 pm) Physiology and Endocrinology: Estrous Cycle Manipulation - Dairy		(2:00 pm - 4:30 pm) ADSA-SAD Original Research (Undergraduate)	

Tuesday, July 17

Room	7:30 am-9:30 am	9:30 am-12:30 pm	12:30 pm-2:00 pm	2:00 pm-5:00 pm	Evening
North Hall A-B	POSTERS		Posters/Exhibits Open		
North Hall A-B Lobbies		(6:30 am - 5:15 pm) Registration Open			
121AB		ADSA Multidisciplinary and International Leadership Keynote (MILK) Symposium: How Dairy Exporters Can Provide Food Security		Cell Biology Symposium: Molecular Basis for Feed Efficiency	
121C		(9:30 am - 10:30 am) ADSA Foundation Scholar Lecture: Production; (11:30 am - 12:30 pm) ADSA Dairy Foods Division Business Meeting		Companion Animals: Impact of Anthropomorphism on Companion and Captive Animal Husbandry	
122AB		(9:30 am - 12:10 pm) Meat Science and Muscle Biology Symposium: In Utero Factors that Influence Postnatal Muscle Growth, Carcass Composition, and Meat Quality		Dairy Foods Symposium: Bioactive Components in Milk and Dairy Products: Recent International Perspectives and Progress in Different Dairy Species	
122C		(9:30 am - 11:15 am) Lactation Biology: Lactation II		(2:00 pm - 6:00 pm) ADSA-ASAS Northeast Section Symposium: The Future of Animal Agriculture Programs in the NE in the Face of Reducing Animal Holdings on Campus	
123		Breeding and Genetics: Dairy Cattle Breeding II - Applied Molecular Biology and Genomics		Breeding and Genetics: Beef Cattle Breeding I - Production traits	
125AB		(9:30 am - 11:45 am) ARPAS Symposium: Feed Efficiency: Opportunities for Improvement, Economics, and Integration with Environmental Sustainability	ARPAS Business Meeting	Breeding and Genetics: Advances in Genomic Methodology	
127C		Small Ruminant: Nutrition and Parasites		(2:00 pm - 4:15 pm) Swine Species: Swine	
128AB		(9:30 am - 11:45 am) Extension Education I		Nonruminant Nutrition: Feed Ingredients	
129AB				Ruminant Nutrition II	
130				(2:00 pm - 4:00 pm) ARPAS Exam	
131ABC		Ruminant Nutrition: Beef Production II		Ruminant Nutrition: Beef Production III	
132ABC		Ruminant Nutrition: Dairy Production III		Ruminant Nutrition: Dairy: Feed additives	
221A		(7:00 am - 5:00 pm) Speaker Ready Room Open			
221B		(7:00 am - 5:00 pm) Pre-Load Room Open			
221C		(8:00 am - 5:00pm) Hospitality Room Open			
222AB		(9:30 am - 11:30 am) Nonruminant Nutrition: Management/Metabolism		Small Ruminant Symposium: Novel Uses of Natural Bioactive Compounds in Small Ruminant Production and Future Directions	

Tuesday, July 17

Room	7:30 am-9:30 am	9:30 am-12:30 pm	12:30 pm-2:00 pm	2:00 pm-5:00 pm	Evening
222C		(9:30 am - 12:00 pm) Physiology and Endocrinology Symposium: The Current Status of Heat Shock in Early Embryonic Survival and Reproductive Efficiency		(2:00 pm - 4:15 pm) Physiology and Endocrinology: Pregnancy	(5:00 pm - 6:00 pm) AnimalSmart.org Launch
223		CSAS Symposium: Are We Experiencing a Paradigm Shift in How We Feed Livestock As Industrial Agriculture Evolves in the 21st Century?		Teaching/Undergraduate and Graduate Education: Graduate and Undergraduate Teaching	
224AB			(11:45 am - 2:00 pm) ADSA-SAD Awards Lunch		
225AB		Forages and Pastures I		Forages and Pastures II	
226ABC		(9:30 am - 11:45 am) Production, Management and the Environment: Beef Production		WSASAS: Growing Beef Cattle	
227AB		Bioethics: Bioethical Challenges in Education: New challenges and opportunities		Production, Management and the Environment: Dairy	
228AB		(9:30 am - 12:15 pm) Animal Health III		Animal Health IV	
229A			ASAS Graduate Student Lunch and Learn		
229B		(9:45 am - 10:45 am) Wood to Feed: Diversifying income for ranchers by increasing the livestock feeding value of woody plant species	ASAS Foundation Heritage Lunch		
231A		(8:30 am - 9:30 am) ADSA-SAD Business Meeting-Elec. of Officers; (11:30 am - 12:30 pm) ADSA Production Division Business Meeting		(3:00 pm - 4:30 pm) ADSA Graduate Student Division Dairy Tales	
231B			ADSA DF Division Milk Protein and Enzyme Committee	(2:30 pm - 3:30 pm) ADSA-SAD Committee Meeting - Old and New Officers and Advisors	
231C		(9:30 am - 12:00 pm) Horse Species 1		(2:00 pm - 3:30 pm) Horse Species 2; (4:00 pm - 5:00 pm) ASAS JAS/Animal Frontiers Editorial Meeting and Open Forum	
232A		(8:00 am - 9:00 am) ADSA Spokesperson. Media Training	ADSA DF Division Program Planning Lunch		
232BC		(9:30 am - 11:00 am) ADSA-SAD Career Roundtable		(2:00 pm - 3:00 pm) ADSA-SAD Award & Club Photos	

Wednesday, July 18

Room	7:30 am-9:30 am	9:30 am-10:30 am	10:30 am-12:30 pm	12:30 pm-2:00 pm	2:00 pm-5:00 pm	Evening
North Hall A-B	POSTERS		Posters/Exhibits Open			
North Hall A-B Lobbies			(6:30 am - 5:15 pm) Registration Open			
121AB						
121C			Horse Species Symposium: Equine-Assisted Therapies: Incorporation into university programs		Production, Management and the Environment: Environmental Quality	
122AB			Dairy Foods: Microbiology and Chemistry		Dairy Foods Symposium: Advances in Yogurt Manufacture and Product Functionalities	
122C			(10:30 am - 1:00 pm) Dairy Foods: Physico-Chemical Properties			
123			Physiology and Endocrinology I		(2:00 pm - 4:00 pm) Breeding and Genetics: Small Ruminants, Poultry, and Nontraditional Species; (4:00 pm - 5:00 pm) Breeding and Genetics: Swine Breeding	
125AB			Swine Species: Recent Advances in Swine Genomics		Lactation Biology Symposium: The Long-Term Impact of Epigenetics and Maternal Influence on the Neonate Through Milk-Borne Factors and Nutrient Status	
127C			Companion Animals		Physiology and Endocrinology: Nutritional Physiology	
128AB			Extension Education II		Extension Education: Does Extension Have a Future in Today's Agriculture?	
129AB			Nonruminant Nutrition: Amino Acids and Energy		Nonruminant Nutrition: Feed Additives	
130			(10:00 am - 12:00 pm) ARPAS Exam			
131ABC			Ruminant Nutrition: Beef: Feed additives		Ruminant Nutrition: Beef Co-products	

Wednesday, July 18

Room	7:30 am-9:30 am	9:30 am-10:30 am	10:30 am-12:30 pm	12:30 pm-2:00 pm	2:00 pm-5:00 pm	Evening
132ABC					Ruminant Nutrition: Dairy Production IV	
221A			(7:00 am - 5:00 pm) Speaker Ready Room Open			
221B			(7:00 am - 5:00 pm) Pre-Load Room Open			
221C			(8:00 am - 5:00 pm) Hospitality Room Open			
222AB			Alpha/Beef Species Joint Symposium: Redefining the Replacement Heifer Paradigm		Growth and Development Symposium: Participation of Adult Tissue-Restricted Stem Cells in Livestock Growth and Development	
222C			Small Ruminant: Production and Reproduction		(2:00 pm - 4:00 pm) Beef Species	
223		ADSA Business Meeting	(10:30 am - 11:30 am) Food Safety: Advances in Food Safety; (11:45 am - 12:30 pm) Contemporary and Emerging Issues		(2:00 pm - 3:45 pm) Meat Science and Muscle Biology	
224AB					(4:00 pm - 6:00 pm) Global Networking Reception	
225AB		ASAS Business Meeting	Breeding and Genetics: Beef Cattle Breeding II - Applied genomics		Breeding and Genetics: Dairy Cattle Breeding III - Genetic evaluation	
226ABC			Meat Science and Muscle Biology Symposium: Pre-slaughter Stress, Postmortem Glycolysis, and Biophysical Mechanisms of Meat Quality		WSASAS Symposium: Ruminant Stress	
227AB			Teaching/Undergraduate and Graduate Education Symposium: Giving Employers What They Want - How ready is today's animal science graduate?		Graduate Student Symposium: From Hypothesis to Manuscript: How to conduct valuable and efficient research	
229A				WSASAS Student Lunch and Learn		

Thursday, July 19

Room	8:30 am - 11:30 am
125AB	Ruminant Nutrition: General Ruminant Nutrition
127C	Breaking into NSF
131ABC	Ruminant Nutrition Symposium: Update on Nutrient Requirements for Ruminants
222AB	Reproductive Immune Interactions
222C	Teaching/Undergraduate and Graduate Education Symposium: Online Education for a Hands-On Career: The good, the bad and the ugly of online education in animal sciences
223	Animal Behavior and Well-Being: Pain and Discomfort in Farm Animals
225AB	Forages and Pastures 1
226ABC	Physiology and Endocrinology I