

APHA Convention 2/26-29/2016

Richmond, Virginia

Patty Baker, Washington State Director

I was appointed by the APHA President to serve on the General Show & Contest Committee for APHA. We held two lengthy conference calls in 2015 to go over issues and rule proposals. I attended and participated in each 3-hour call. I also attended and participated in the Joint meeting with General Show & Contest Committee, Amateur, Judges and Youth Committees to go over the Rule Proposals and how they would affect our shows in whole, which was held at Convention.

After the Joint meeting, General Show & Contest Committee met and went over each proposal in depth. It was interesting to hear how these proposals would affect each part of the Country. Our Committee voted on each proposal to be brought to the floor. Again, we heard more debate, then they were voted on again. The whole process is very thorough and inspirational. So many people with passion and enthusiasm meeting together to pound out what is the best for our organization.

The rules in their summarized form and in total are posted on the APHA website.

I encourage anyone to attend the Annual Convention. It's to be held in Texas next year. Besides going over the rule proposals, to better our organization, there are many worthwhile educational meetings.

My all-time favorite, and the 3rd year I've heard him speak is motivational speaker, Dr. Rick Rigsby. He held the standing room only spellbound with his visions, actions and stories. His speaking style is captivating and engaging. The theme was, "Effective Communication". Everyone I spoke with, walked away with new insights.

"The Game Plan" presented by David Dellin, Director of Judges and David Denniston, Judges Committee Chairman, was on Hunt seat Equitation and Horsemanship Classes. This is the same presentation they give to the Judges in their training. Some helpful take-aways for a Regional Club's show committee, is to help the Judges pick the patterns by letting them know the level of your competitors and the size of the arena. Also make sure the patterns are not confusing and all of the appropriate gaits are called for in the patterns BEFORE they are posted. Both Davids agreed the class should be placed on "who communicates with their horse the best". In order of importance, on execution of the pattern 1) Correctness, 2) Quality, 3) Degree of Difficulty.

The Regional Club Committee gave a very informative presentation titled, "Communicate, Inspire, Connect". They encouraged our clubs to reach out to Generation Y through Social Media. This is their word-of-mouth. We are losing the younger generation and we need to speak their language. He encouraged all clubs to have a Facebook Page because it gives you insights of what posts get the most views and lets the Administrator know when and who are new "likes" to that page. They encouraged reaching out to those new people as well as tagging posts to get people involved and connected.

"Hosting A Successful Show" was presented by Executive Sec. for NSBA, Diane Eppers. Here are some of her recommendations.

-Create an enjoyable experience.

- Identify your customer and what classes they want.
- What is your mission? Raise awareness for a cause? Raise funds for your member's awards?
- List awards on the show bill
- Put patterns online one week in advance of the show
- VERY IMPORTANT...Use friendly Office Staff, In-Gate, Stalls, Announcer
- Use Clear Communication when things are going to happen, maintain the footing in the arenas for dust and dragging needs.
- Send Thank you notes to your sponsors.

"Paint Horse Genetics" were taught by Dr. Samantha Brooks (see attached hand-out)

We only had an hour for this presentation but it's clear to see that field of Science in genetics is growing fast and it's not an accident when a foal is born with color. It was very interesting.

Lastly in my report, because it's still a work in progress and soon will come out to educate Judges as well as competitors, is a program David Dellin presented called "Horse IQ". It's a video online educational tool where Judges or anyone can watch videos and practice scoring runs in many classes. This is the first of its kind. Can't wait to see that.

Respectfully Submitted,

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I've attached several interesting forms:

General Show and Contest 2015 Stats, Top 20 Shows, Class Stats, AJPMA Membership Stats

Paint Horse Genetics from the Presentation by Dr. Samantha Brooks

Paint Horse Genetics

2016 APHA Convention

- **Genome:** the entire set of genetic instructions found in a cell.
- **Genes:** the building blocks in all living organisms that determine visible traits, like hair color, and non-visible traits, like blood type.
- **Chromosomes:** strings of genes. A horse has 64 chromosomes arranged in 32 pairs, inheriting half from the sire and half from the dam.
- **Locus/Loci:** a specific location on a specific chromosome—think of this like an address. “Loci” is the plural term.
- **Alleles:** variations or versions of a gene.
- **KIT:** a gene responsible for a number of white-spotting patterns
- **Heterozygous:** a genotype comprised of two different alleles.
 - **Example:** n/T (heterozygous *Tobiano*) or n/O (heterozygous *Frame Overo*)
- **Homozygous:** a genotype with two copies of the same allele; guarantees one copy of that allele will be passed on to offspring.
 - **Example:** T/T (homozygous *Tobiano*)
- **Phenotype:** the measurable impact of a given genotype on the horse.
- **Genotype:** the specific two alleles present in a horse at a given location in the genome.
- **Dominant:** a gene that requires only one copy of the allele for the effect to be visible in the horse.
 - **Example:** *Tobiano* is a dominant gene—a horse only needs one copy of *Tobiano* to (typically) express the pattern.
- **Incompletely Dominant:** a gene in which the phenotype of a heterozygote is expressed differently than that of a homozygote.
 - **Example:** palomino (heterozygous *Cream*) v. cremello (homozygous *Cream*)
- **Recessive:** an allele that is visible only in the homozygous state; none of the known white-spotting patterns are fully recessive.
 - **Example:** Chestnut or HERDA—a horse needs two copies of the gene for it to be expressed.
- **Melanin:** a type of pigment that’s responsible for the color of skin, hair, etc.
- **Melanocytes:** melanin pigment-producing cells. White-spotting genes influence the migration, function or survival of these cells.
- **Polymorphism:** a variant of a particular DNA sequence, some cause different phenotypes.
 - **Example:** changing an C nucleotide to a T within the *KIT* gene results in the *W20* spotting pattern

A Guide to White-Spotting Patterns

- **Tobiano (T):** A dominant white-spotting gene. Expression of the pattern varies, but typically includes white legs; crisply outlined spots that cross the topline somewhere between the withers and tail; normal face markings; dark eyes; two-toned tail.
 - **Reading Your Test Results:** *T/T* (homozygous for *Tobiano*); *n/T* (heterozygous for *Tobiano*); *n/n* (no *Tobiano* gene)
- **Frame Overo (O):** An incompletely dominant white-spotting gene. Expression of the pattern varies, but often includes horizontal white spotting on neck and body giving the impression of white areas “framed” by color. Bald faces and blue eyes are common.
 - **Reading Your Test Results:** *n/O* (heterozygous for *Frame Overo*); *n/n* (no *Frame Overo* gene)
- **Splash White (SW1, SW2, SW3):** An incompletely dominant white-spotting gene. Expression of the pattern varies, but often includes extensive white on face, legs and belly spots—often appears as if horse has been dipped in white paint.
 - **Reading Your Test Results:** *SW1/SW1* (homozygous for *Splash White 1*); *n/SW1* (heterozygous for *Splash White 1*); *SW2/SW2* (homozygous for *Splash White 2*); *n/SW2* (heterozygous for *Splash White 2*); *n/SW3* (heterozygous for *Splash White 3*); *n/n* (no *Splash White 1, 2 or 3* gene; will be listed separately on report); *SW3/SW3* is not known to exist.
 - **NOTE:** These genes are reported individually on your results, and a horse might carry all, some or none of these genes.
 - **NOTE:** Although these three loci share the “SW” prefix, to match the type of pattern they produce, it is important to remember that *SW1* and *SW3* reside at a different gene in the genome than *SW2*.
- **Sabino 1 (SB1):** An incompletely dominant white-spotting gene. Expression of this pattern varies, but often includes white markings with jagged edges on face, lower legs and belly, and roaning on the body.
 - **Reading Your Test Results:** *SB1/SB1* (homozygous for *Sabino 1*); *n/SB1* (heterozygous for *Sabino 1*); *n/n* (no *Sabino 1* gene)
- **Dominant White (W5, W10, W20):** A dominant white-spotting genes. Expression of the patterns varies, ranging from slightly increased face and leg markings to sabino-like to almost completely white.
 - **Reading Your Test Results:** *n/W5* (heterozygous for *Dominant White 5*); *n/W10* (heterozygous for *Dominant White 10*); *W20/W20* (homozygous for *Dominant White 20*); *n/W20* (heterozygous for *Dominant White 20*); *n/n* (no *Dominant White 5, 10 or 20* gene). *W5/W5* and *W10/W10* are not known to exist.
 - **NOTE:** These genes are reported individually on your results, and a horse might carry all, some or none of these genes.

Punnett Square

Remember the Punnett Square from Biology 101? You can use it to determine the likelihood for passing on a particular gene to a foal, if you know the genotypes of both parents.

Example 1: Heterozygous *Tobiano* bred to non-*Tobiano* = 50% chance of *Tobiano* gene inheritance

	Sire's Test Result: Heterozygous <i>Tobiano</i> (<i>n/T</i>)	
Dam's Test Result:	<i>n/n</i>	<i>n/T</i>
No <i>Tobiano</i> gene (<i>n/n</i>)	<i>n/n</i>	<i>n/T</i>

Example 2: Heterozygous *Tobiano* bred to heterozygous *Tobiano* = 75% chance of *Tobiano* gene inheritance (including 25% chance of producing a homozygous *Tobiano*)

	Sire's Test Result: Heterozygous <i>Tobiano</i> (<i>n/T</i>)	
Dam's Test Result:	<i>n/n</i>	<i>n/T</i>
Heterozygous <i>Tobiano</i> (<i>n/T</i>)	<i>n/T</i>	<i>T/T</i>

Example 3: Homozygous *Tobiano* bred to non-*Tobiano* = 100% chance of *Tobiano* gene inheritance

	Sire's Test Result: No <i>Tobiano</i> gene (<i>n/n</i>)	
Dam's Test Result:	<i>n/T</i>	<i>n/T</i>
Homozygous <i>Tobiano</i> (<i>T/T</i>)	<i>n/T</i>	<i>n/T</i>



American Paint Horse Association

2015 TOP TWENTY SHOWS BY ENTRIES PER JUDGE

Rank	Show	Location	Date	Entries	Horses	2014 Rank	# of Judges	Adjoining Show
1	Western Regional Zone 2 ZOR sponsored by Zone 2 Coordinating Committee	South Jordan, UT	May 21-22	1110	235	1	6 ZOR with adjoining 4 POR after	UPHC POR sponsored by Utah Paint Horse Club (987 / 227)
2	Zone 12 European Championships sponsored by Zone 12 Coordinating Committee	Kreuth, Germany	August 23-29	922	200	2	5 ZOR total	
3	Worldwide Paint Horse Congress sponsored by Kansas PHA	Tulsa, OK	July 29-31	894	267	7	4 POR with adjoining 4 POR after	Worldwide Paint Horse Congress sponsored by Kansas PHA (794 / 246)
4	Texas Memorial Day Spectacular Zone 4 sponsored by Zone 4 Coordinating Committee	Waco, TX	May 23-24	846	223	5	6 ZOR with adjoining special event	TX Memorial Day Ranch Horse Special Event sponsored by Zone 4 CC (53 / 24)
5	Texas Wildflower Celebration POR sponsored by Gulf Coast PHC & Texas PHC	Waco, TX	March 21-22	811	185	3	4 POR total	
6	Arizona Copper Country POR sponsored by Arizona PHC	Scottsdale, AZ	January 1-2	790	176	10	4 POR with adjoining 4 POR prior in 2014	Arizona Copper Country POR Dec. 2014 sponsored by Arizona PHC (818 / 176)
7	IPHA Beginning of Season POR sponsored by Illinois PHA	Gifford, IL	April 18-19	766	167	13	4 POR total	
8	Paint the Future POR sponsored by Texas PHC	Waco, TX	April 11-12	735	188	unranked	4 POR total	
9	Color on the Coast #1 sponsored by Virginia PHC & Carolina PHC	Williamston, NC	July 16-18	695	152	9	4 POR with adjoining 4 POR after	Color on the Coast #2 sponsored by Virginia & Carolina PHC (656 / 152)
10	IPHA Fall Breeders Futurity & POR sponsored by Illinois PHA	Gifford, IL	October 3-4	678	148	unranked	4 POR total	
11	Delmarva PHC Summer Spectacular POR sponsored by Delmarva PHC	Logan Township, NJ	August 6-8	662	127	unranked	4 POR with adjoining 6 ZOR after	Northeast Connection Zone 7 Show sponsored by Zone 7 CC (615 / 139)
12	Music City Classic sponsored by Tennessee PHC	Murfreesboro, TN	March 14-15	660	134	unranked	4 POR total	
13	INPHC-IPHA Fall Paint Partners POR sponsored by Indiana PHC & Illinois PHA	Cloverdale, IN	September 12-13	638	104	unranked	4 POR total	
14	Fall Color Classic sponsored by Michigan PHC	Lansing, MI	October 25-26	621	131	14	4 POR with adjoining 4 POR before	Fall Color Classic Youth/Am POR sponsored by Northern Michigan PHC (430 / 104)

American Paint Horse Association

2015 TOP TWENTY SHOWS BY ENTRIES PER JUDGE

Rank	Show	Location	Date	Entries	Horses	2014 Rank	# of Judges	Adjoining Show
15	Florida Holiday Classic sponsored by Florida PHC	Tampa, FL	December 12-13	611	108	unranked	4 POR total	
16	Arizona Copper Country POR sponsored by Arizona PHC	Scottsdale, AZ	December 29-31	607	123	4	4 POR & adjoining 4 POR after in 2016	Arizona Copper Country POR Jan. 2016 sponsored by Arizona PHC
17	Zone 1 ZOR sponsored by Zone 1 Coordinating Committee	Albany, OR	August 11-14	606	146	15	6 ZOR with adjoining 4 POR before	Ride for the Cure sponsored by Oregon PHC (547 / 134)
18	Fort Worth Stock Show sponsored by Texas PHC	Fort Worth, TX	January 16-19	595	167	11	4 POR total	
19	Rocky Mountain Rendezvous POR sponsored by Rocky Mountain PHA	Denver, CO	April 8-11	583	102	12	4 POR with adjoining 4 POR before	Rocky Mtn. Rendezvous POR sponsored by Rocky Mtn. PHA (561 / 100)
20	German Paint Horse Championships sponsored by Paint Horse Club Germany	Salzhausen, Germany	July 16-17	573	105	unranked	4 POR total	

2015 Show Statistics

Month	Shows		Open		Youth		Novice Youth		Amateur		Novice Am.		Open SPB		Amateur SPB		Youth SPB		Amateur WT	
	2014	2015	2014	2015	2014	2015	2014	2015	2014	2015	2014	2015	2014	2015	2014	2015	2014	2015	2014	2015
Jan	49	59	3,593	3,531	4,083	3,642	1,864	1,240	3,471	3,263	1,305	1,158	223	267	79	121	0	-	298	401
Feb	17	21	627	1,615	691	1,128	357	470	685	1,328	321	526	39	81	18	10	0	-	59	228
Mar	78	62	6,584	4,694	7,195	4,486	3,182	2,004	5,530	4,234	2,351	1,600	308	239	154	86	16	4	1,198	1,434
Apr	105	112	8,178	9,274	6,723	6,436	2,849	2,763	7,049	7,568	2,745	2,995	549	575	448	510	70	116	956	1,943
May	173	182	15,934	14,085	13,989	10,552	6,956	4,225	15,244	13,929	6,005	4,966	1,271	1,199	1,232	925	154	292	3,131	3,311
Jun	101	90	5,523	4,711	2,489	2,411	1,098	944	3,873	3,318	1,643	1,579	433	548	310	281	116	122	575	780
Jul	174	180	14,407	14,973	8,180	9,099	3,554	3,948	11,291	12,529	4,109	4,896	1,223	1,317	1,011	842	333	530	2,107	3,454
Aug	187	121	12,750	10,702	10,372	5,249	4,486	2,107	11,987	8,343	4,277	3,178	1,200	1,176	1,024	717	300	273	2,317	2,254
Sept	131	175	11,413	13,709	5,460	6,652	2,160	3,203	8,397	11,067	2,916	3,706	1,140	1,076	699	775	373	254	1,531	3,112
Oct	91	117	7,101	7,025	4,799	4,873	2,180	1,936	6,543	6,187	1,971	1,938	530	740	468	711	97	124	1,257	1,848
Nov	31	15	1,843	705	2,082	475	816	284	1,822	422	556	256	97	61	40	30	0	-	510	292
Dec	24	29	2,080	2,457	1,900	1,834	724	704	1,428	1,306	464	484	195	109	124	32	0	-	412	700
Total	1,161	1,163	90,033	87,481	67,963	56,537	30,226	23,828	77,320	73,494	28,663	27,282	7,208	7,388	5,607	5,040	1,459	1,715	14,351	19,757
		0.17%		-2.83%		-16.81%		-21.17%		-4.95%		-4.82%		2.50%		-10.11%		17.55%		37.67%

2015 AjPHA Membership Statistics

Total Youth Membership

as of 12/31/2015 - 4826

as of 12/31/2014 – 4502

as of 12/31/2013 – 4911

as of 12/32/2012 – 5280

Total 2015 Novice Youth Cardholders: 794

(2014 – 929 cardholders)

Novice Youth Cardholders

who crossed over into Youth classes: 467

2015 Youth Membership by Zone

Zone	# of Members	
Zone 1	413	WA
Zone 2	426	
Zone 3	378	
Zone 4	944	
Zone 5	672	
Zone 6	263	
Zone 7	356	
Zone 8	551	
Zone 9	372	
Zone 10	138	
Zone 11	101	
Zone 12	195	
Zone 13	7	
Zone 14	10	