



Goals and Objectives of the Minnesota Horse Council

- ♦ Promote and/or support equine educational activities
- ♦ Improve communication in all horse related activities with the general public
- ♦ Gather information of value to equine related activities
- ♦ Distribute gathered information as appropriate
- ♦ Provide expertise, consult and advise
- ♦ Establish, develop and enhance equine trails and other infrastructure and encourage their prudent use

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Minnesota Horse Expo 2015



The 33rd Minnesota Horse Expo was a great success and of course is now history. For the first time in 5 years we had great weather with only a little rain on Friday. The total attendance was close to 48,000. We had more horses than we have ever had and the vendor spaces were almost full with only a few outside spaces vacant. We had great clinicians and great demonstrations. A new feature this year which many people enjoyed was the draft teams and vintage equipment demonstration. I want to thank all the Directors and Staff members who work all year to put the Expo together. I also want to thank the clinicians, sponsors, program advertisers, vendors, event office personnel, people who brought horses, volunteers, State Fair staff, and the food vendors.

GREAT JOB EVERYONE!

Keep the dates open for the 34th Minnesota Horse Expo, April 22, 23, and 24, 2016.

Glen G. Eaton
President



Hope everyone had a peaceful Memorial Day. Thanks to everyone who has gone to battle for us including the horses.

Horse Owners: Prepare for Floods

Editor's Note: This is the time of year to prepare for flooding. There are currently several flood warnings and advisories in effect for Minnesota. The following is information provided by University of Minnesota Extension.



Horse owners need to have a plan if their horse facility is located in a low area, close to a stream or river, or in or near a flood plain. To prepare, take these steps:

- ♦ Have an evacuation plan (see below)
- ♦ Watch for down power lines
- ♦ Have an electrical generator and supply of fuel ready on higher ground.
- ♦ Scout for debris before returning horses to paddocks and pastures.
- ♦ Listen for reports of infectious disease outbreaks.
- ♦ Make sure your horse is identifiable if lost or stolen during the emergency. Permanent identifiers include photographs and written descriptions, brands, tattoos, and microchips. Temporary identifiers include washable paint, etched hooves, luggage tags with contact information braided into mane, and pastern bands.
- ♦ Remember that frightened animals are unpredictable. Even the gentlest horse can become dangerous when frightened. Take specific actions to avoid being placed in harms way.

Get the house ready first

The following is a list of essential items a horse owner should keep in or near their home and possibly in another location off the property as well.

- ♦ Human first aid kit
- ♦ Emergency kit with food and water for 3 days
- ♦ Important paperwork
- ♦ Photos and written descriptions of all horses
- ♦ Extra halters and lead ropes
- ♦ Generator with enough fuel for 3 days
- ♦ Working flashlights
- ♦ Battery operated radio

Assemble an equine first aid kit

There are several pre-assembled equine first aid kits that can be purchased, or you can put together your own. Include:

- ♦ Vet's phone number
- ♦ Regional map
- ♦ Stethoscope
- ♦ Thermometer
- ♦ Scissors
- ♦ Flashlight and batteries
- ♦ Unbreakable bowl
- ♦ Latex gloves
- ♦ Bandaging material (Telfa, pads, gauze, cotton sheet or roll, vetwrap, elasticon, tape, duct tape – best if inner layers are sterile)
- ♦ Antiseptic scrub and solution (e.g., betadine)
- ♦ Sterile saline
- ♦ Hemostats
- ♦ Pliers (for pulling nails)

- ♦ Splint material (e.g., 6" PVC split in half lengthwise)
- ♦ Eye ointment
- ♦ Diapers or other absorbent pads
- ♦ Clean syringes (20cc or larger without needle)

Evacuation plans

Make sure boarders and other engaged with your facility know your evacuation plan. Put the plan in writing and post it. Consider the following:

- ♦ How will each horse be removed from the barn? Will they be led individually or herded? In what order?
- ♦ Do you have spare halters and lead ropes located in an area away from the barn?
- ♦ Are there horses that need to be handled differently, such as stallions, foals, or elderly horses?
- ♦ Where will the horses go if the barn is damaged?
- ♦ Is there more than one exit from the barn? Horses are creatures of habit; practice using all exits occasionally.
- ♦ Will you be able to get food and water to the holding area?
- ♦ Can you trailer the horses if necessary?
- ♦ Has everyone involved in the horse facility practiced the evacuation plan?
- ♦ Do you know your neighbors or other horse owners in the area?

This was excerpted from Extension's Barn disaster planning publication. Please read that publication for more in-depth information on what you can do to prepare for an emergency.

Author: Betsy Gilkerson Wieland and John Shutske (2011)

2015 OKLAHOMA FLOODING



US Army Soldiers, assigned to the Oklahoma National Guard, and local ranchers help load a 1,200 pound bale of hay on to a CH-47 Chinook helicopter, May 27, 2015. The crew delivered a total of 14 bales and 700 pounds of dry feed to cattle stranded by flood waters.

Commercial Vehicle Regulations

Minnesota State Patrol, June 2012

Editor's Note: Since trail riding and show season is here and we will be trailering our horses, it would be good to review the commercial vehicle regulations.

Below is a "check list" to see if your horse operation meets the requirements for a commercial vehicle.

1. Do you declare prize money as income from a business for tax purposes?
2. Are the costs for the underlying activities deducted as a business expense for tax purposes?
3. Do you accept products and/or money for advertising a sponsor?
4. Is the transport vehicle being used in the furtherance of a commercial operation?

If you answered "YES" to either question 1, 2, 3 or 4, continue to question 5. If you answered "NO" to ALL questions (1-4), STOP HERE: you are not in the furtherance of a commercial operation.

5. Is the "gross vehicle weight" of the single vehicle or combination (truck and trailer) greater than 10,000 lbs?

Gross Vehicle Weight (GVW) is the greater of the manufacturer's gross weight rating (GVWR) or the actual weight of the vehicle plus the load. If the transport vehicle consists of a truck and trailer, add the GVWR or actual weight of truck to the GVWR or actual weight of the trailer to obtain the gross vehicle weight of the combination. DO NOT use the registered weight on the vehicle license plate(s) to determine your GVW or GVWR.

If NO, STOP HERE. You are not subject to the commercial vehicle regulations. If YES, You must follow the appropriate regulations for the location(s) you travel (i.e. interstate or intrastate). Interstate requirements. If you travel into another state you are an "interstate" carrier.

If the vehicle/combination's GVW is greater than 10,000 lbs:

- ◆ CMV driver must be at least 21 and possess a valid USDOT physical card
- ◆ Equipment requirements apply
- ◆ Hours of Service requirements apply
- ◆ You must have a USDOT number and display it on the power unit (i.e. truck) in addition to the carrier name.
- ◆ Transport vehicle(s) must carry proof of an annual inspection
- ◆ Record keeping requirements apply
- ◆ Accident recording requirements apply

If the vehicle/combination's GVW is greater than 26,000 lbs:

- ◆ You must follow the above items
- ◆ CMV drivers must possess the proper class Commercial Driver's License
- ◆ Drug and Alcohol Testing requirements apply.

Intrastate requirements. If you operate only in Minnesota. If the vehicle/combination's GVW is greater than 10,000 lbs:

- ◆ CMV driver must be at least 18 and possess a valid USDOT physical card/form
- ◆ Hours of Service requirements apply
- ◆ Carrier must have a USDOT number if the power unit has a GVW / GVWR greater than 10,000 pounds. The USDOT number must be displayed on power unit in addition to the carrier name.
- ◆ Record keeping requirements apply
- ◆ Accident recording requirements apply

If the vehicle/combination's GVW is greater than 26,000 lbs: You must follow the above items, and

- ◆ CMV drivers must possess an appropriate Commercial Driver's License
- ◆ Drug and Alcohol requirements apply.
- ◆ Transport vehicle(s) must show proof of an Annual Inspection performed by a Minnesota Certified Inspector

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Importance of Water

By Marcia Hathaway, PhD, University of Minnesota

Horses require a clean, fresh supply of water at all times. Adequate quantities of water are necessary for the horse's normal metabolism and propulsion of feedstuffs through the gastrointestinal tract. If the horse does not consume sufficient quantities of water, the results can range from impaction of feedstuffs in the intestine to dehydration.

A 1,000 pound horse, at rest in a cool climate, eating a normal diet of good quality dried roughage will normally drink from 8-10 gallons of water a day. If the horse is turned out on pasture, the water content of the fresh forage will meet some of the horse's requirements, but not all.

Young horses, pregnant or nursing mares need additional quantities of water. With increased temperature, humidity and/or exercise, voluntary water consumption can increase 2 - 4 fold.

A horse that is working hard in a hot environment can lose up to 2-4 gallons of sweat/hour with a total loss of as much as 10 gallons of sweat.

Because of the composition of horse's sweat, even though there has been a loss of a lot of water, the horse may not necessarily be thirsty i.e., the basis for the phrase: "You can lead a horse to water but you can't make him drink." You should, however, encourage water consumption by a horse that is sweating extensively. Voluntary water consumption is enhanced when the water offered is clean and between 45-64° F. A horse that is working should be allowed sufficient opportunity to drink every couple of hours. Although it is a commonly held belief that a hot horse should have water withheld until it is cool, there is no scientific basis to support that belief.

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American Pharoah Makes History Winning the Triple Crown



American Pharoah made history on June 6, 2015 by winning the elusive Triple Crown by winning the 2015 Kentucky Derby, the 2015 Preakness Stakes and the 2015 Belmont Stakes. He is bred and owned by Ahmed Zayat of Zayat Stables, LLC, trained by Bob Baffert and ridden in most of his races by Victor Espinoza.

After running poorly in his track debut, he recorded Grade I wins in the Del Mar Futurity and the FrontRunner Stakes. An injury kept him out of the Breeders' Cup Juvenile, but his strong wins nonetheless resulted in him being voted American Champion Two-Year-Old Male Horse at the 2014 Eclipse Awards.

He began his 2015 campaign with wins in the Rebel Stakes and Arkansas Derby and went on to win both the 2015 Kentucky Derby and 2015 Preakness Stakes. Prior to the 2015 Belmont Stakes, Zayat announced that he had sold breeding rights to the colt to the Ashford Stud, a division of Ireland's Coolmore Stud, but retained control over the colt and his racing career and an undisclosed dividend on stud fees. Zayat said he expected *American Pharoah* to retire from racing at the end of 2015.

American Pharoah (foaled February 2, 2012), an American Thoroughbred racehorse, is a bay colt with a faint star on his forehead and no other white markings. He was bred in Kentucky by his owner, Ahmed Zayat, CEO of Zayat Stables, LLC. He is from the second crop of foals sired by Zayat's stallion *Pioneerof the Nile*, who finished second in the 2009 Kentucky Derby. The stallion's first crop included Holy Bull Stakes winner *Cairo Prince* and *Social Inclusion*, who finished third in the 2014 Preakness Stakes.

American Pharoah's dam, *Littleprincessemma*, raced but did not win either of her two starts in 2008. *American Pharoah* was her second foal, following allowance race winner *Xixixi*. Another full sibling to *American Pharoah*, a filly born in Zayat Stables in 2014, is as yet unnamed. *Littleprincessemma* was purchased by Zayat in 2007 for \$250,000 and was sold—again in foal to *Pioneerof the Nile*—in November 2014 for \$2.1 million.

In August 2013, *American Pharoah*, then a yearling, was consigned by the Taylor Made Sales Agency to the Fasig-Tipton sale and was officially bought for \$300,000 by Ingordo Bloodstock. In fact, the "sale" saw Zayat buying back his own horse through an acting agent, Zayat having pledged not to part with his promising but untested young colt for less than \$1 million. (Zayat similarly "bought in" *Pioneerof the Nile*, *American Pharoah's* sire, for \$290,000 in a 2007 yearling auction.) *American Pharoah* was then sent into training with Hall of Fame inductee Bob Baffert in the spring of 2014.

The most unusual characteristic of *American Pharoah* during his three-year-old season is his short tail. It was apparently chewed off by another horse. It is theorized that *Mr. Z*, a fellow competitor and Zayat-bred colt, may have done the deed when the pair were kept together in Florida as younger horses. Trainer Baffert had a more colorful theory: "I think he was in the pasture one

day and there was a mountain lion chasing him—That was the closest he could get..."

American Pharoah's name is inspired by that of his sire, *Pioneerof the Nile*, and his dam's sire, *Yankee Gentleman*. The horse's name also acknowledges Zayat's own dual Egyptian-American background. The misspelling of "Pharaoh" is permanent, but inadvertent, though its origins are murky. Zayat originally claimed that the spelling was the result of an error by The Jockey Club, but the organization's president stated, "The name request for the 2012 colt *American Pharoah* was submitted electronically on January 25, 2014, through The Jockey Club's interactive registration site. Since the name met all of the criteria for naming and was available, it was granted exactly as it was spelled on the digital name application." Zayat later retracted his statement.



American Pharoah after winning the Belmont Stakes

Zayat's wife, Joanne, offered another explanation for the name's origins to a local news reporter just before the Preakness. Zayat's son, Justin, ran a contest on social media in which fans could submit names for the horse. The winning entry had "Pharaoh" misspelled, she said. "Justin cut and pasted the name from [the winner's] email, and sent it to the Jockey Club." Marsha Baumgartner of Barnett, Missouri, who submitted the winning entry, told the *New York Times*, "I don't want to assign blame," but "I looked up the spelling before I entered." Nonetheless, Baumgartner minimized the controversy, stating, "Horses can't spell, anyway."

~ Information excerpted from wikipedia.com

HORSE RACING'S TRIPLE CROWN WINNERS

Since the 19th century, many have tried. Some even have come close. But only 12 horses have won horse racing's Triple Crown: the Kentucky Derby, the Preakness and the Belmont Stakes in the same year.

The following is a list of the 12 horses who won the Triple Crown:

2015: AMERICAN PHAROAH	1943: COUNT FLEET
1978: AFFIRMED	1941: WHIRLAWAY
1977: SEATTLE SLEW	1937: WAR ADMIRAL
1973: SECRETARIAT	1935: OMAHA
1948: CITATION	1930: GALLANT FOX
1946: ASSAULT	1919: SIR BARTON

Caring for Horses on a Budget

By J. Wilson, DVM and K. Martinson, PhD, University of Minnesota

Owning a horse is a major responsibility, and a significant investment of both time and money. Most owners do not generate income from their horse, but are intent on spending time with their equine companion. During tough economic times, horse owners need to explore and implement options to reduce costs.

There are several things horse owners can do to minimize costs associated with horse management:

Housing

Healthy horses thrive outdoors and only require shelter from adverse weather, including excessive heat or cold (below 18° F), and freezing rain. Keeping a horse outdoors with access to a loafing or run-in shed saves the cost of building and maintaining a barn as well as labor expenses associated with stall cleaning. It is usually more cost efficient to keep a horse on the owner's property/farm compared to boarding. Boarding is necessary for some horse owners, but can be expensive.

Cleanliness

Flies, mosquitoes, and ticks are responsible for a number of bacterial and viral diseases of horses. Reduce the risk (and expense) of these diseases by discouraging these insects and ticks in your horse's environment.

Safety

Improving barn safety can prevent accidents and unnecessary injuries.

Bio-security

To reduce the risk of some diseases, consider having visitors wash hands and change boots and clothing before and after handling horses.

Breeding

Unless a mare or stallion has exceptional conformation and an outstanding performance record, planning a foal that realistically may be difficult to market is unwise and expensive.

Have a good working relationship with a veterinarian. It is important to determine the extent and financial commitment a horse owner can maintain. These decisions should be made prior to an emergency involving a horse. During an emergency, it is common for a horse owner to approve procedures one cannot really afford. Communicating the emergency plan to a veterinarian will help keep care and after-care affordable. There are many benefits of a yearly veterinary examination. Research has shown that taking an active interest, and being involved with the daily care of a horse results in a healthier horse and reduced veterinary care costs. Become familiar with horse vitals (temperature, heart rate, etc.) and normal behavior. Changes in baseline vitals and behavior are usually early indicators of illness. Learn to give intramuscular shots, oral medications, and basic leg wrapping techniques. Work with a farrier to set a hoof care schedule based on how much hoof the horse typically grows.

With feed costs rising, it is important to utilize feed efficiently. Nutrient requirements for horses depend on their physiological status (age, metabolism, weight) and their level of production (maintenance, growth, exercise, reproduction, and lactation). Most horse owners over feed their horses, leading to wasted money and unhealthy overweight horses. Removing unnecessary grain from diets can lead to substantial savings. Regardless of the horse, forage should be the backbone of a horse's nutrition program and should comprise at least 50% of their diet.

During summer months, utilize pasture as an affordable way to meet a horse's nutritional requirements. Reducing costs associated with horse ownership takes hard work and some creativity. Most cost reducing opportunities fall in the area of preventative medicine, education, and taking on the responsibilities of horse ownership.

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MHC'S AISLE OF BREEDS

The Minnesota Horse Council will once again have the Aisle of Breeds in the Horse Barn at the Minnesota State Fair August 27 to September 7. If you are interested in bringing a horse or participating in any way, please contact Glen Eaton at 952-356-2090 or glen@mnhorseexpo.org.



Enjoying Veterinary Visits

By Sue M. McDonnell, Ph.D

In our referral equine behavior practice, we frequently rehabilitate horses perceived to be uncooperative with one or more veterinary procedures such as injections, nasogastric tubing, genital examination, etc. We have found that straightforward behavior modification techniques--adapted to the horse--are highly effective in regaining and maintaining cooperation, even in once dangerously resistant animals. In fact, clients and veterinarians describe the animals as now "enjoying" veterinary visits and appearing to solicit procedures. The methods we use rely mostly on positive reinforcement, avoid excessive restraint, and include no punishment.

Method

In order to rehabilitate your horse, you will need the following:

- ♦ A lead shank with a 28-40-inch chain lead
- ♦ Sweet feed or other tasty food treat;
- ♦ Safety vest, helmet, and sturdy shoes to provide you greater confidence
- ♦ Items for the veterinary procedure (such as a needle and syringe, alcohol, etc.)
- ♦ A large outdoor paddock or other large enclosure with good footing and ample head room
- ♦ A team of two people who work well together and are not afraid of the veterinary procedure themselves

Behavior modification is just another opportunity for the horse to learn that it can "work" for a positive outcome (here the "work" is tolerating a mildly uncomfortable experience). The focus is on establishing a new, positive behavior pattern instead of eliminating a negative one. Horses aren't born resistant to veterinary procedures; the same ability to learn by association that resulted in avoidance behavior will now help them learn to be cooperative. Although each horse and situation is unique, the horse must always simultaneously learn three concepts:

The procedure is not too painful. The horse must experience the procedure one or more times with little pain, stress, or commotion. Make the procedure as painless as possible--for injection shyness, this means a small-gauge needle (26-gauge for training); a quick, gentle, single stick; relaxed body posture and calm manner; little restraint; and no commotion or accidents associated with the procedure.



The procedure is followed by a reward. The horse must experience the procedure one or more times followed immediately with positive reinforcement (sweet feed from a bucket paired with "good boy/girl"). When the horse begins to anticipate an uncomfortable procedure, back up to perform and reward for steps before this point. You might need to go through the first steps of the procedure several times, positively reinforcing each step,

without actually performing the procedure. Then the steps can be gradually linked into the proper sequence, rewarding each step in the sequence. Eventually the horse should be weaned off continuous primary reinforcement (sweet feed). Intermittent primary reinforcement (sweet feed occasionally) and continuous secondary reinforcement ("good boy/girl" every time) is the goal.

Ordinary resistance or reaction will not stop the procedure or direct the handler's behavior. The handler must anticipate the horse's resistance and calmly stay with the horse as much as is safely possible. Calmly "riding it out" rather than pausing or punishing (or even flinching) teaches the horse that simple movement or mild resistance will not stop the procedure. Dangerous resistance (rearing or lunging, for example) will require different behavioral modification techniques and the assistance of an expert.

Results

These methods have been remarkably successful with horses (and people) of all ages and backgrounds. Timing and consistency of reinforcement are the major skills for people to master. These techniques can also help prevent problems and get horses to accept other activities like clipping, applying fly spray, and grooming the mane and tail. An investment in learning basic behavior modification skills is well worthwhile.

By using proper behavior modification techniques patiently and consistently, you can teach your horse to enjoy, not dread, a visit from the veterinarian.

About the Author:

Sue M. McDonnell, Ph.D, Certified Applied Animal Behaviorist, is the founding head of the Equine Behavior program at the New Bolton Center, University of Pennsylvania School of Veterinary Medicine.

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AHC's 2015 Issues Forum and Speakers Set

Editor's Note: The Minnesota Horse Council and Minnesota Horse Expo will be sending representatives to this meeting.

The American Horse Council's National Issues Forum, sponsored by Luitpold Animal Health, on June 16 in Washington, DC will feature speakers and panels from across the horse industry on "Protecting and Promoting the Horse." The topic will be addressed by representatives from Federal agencies and various sectors of the horse industry, each discussing what they are doing in these areas.

This year's National Issues Forum will be held on Tuesday, June 16, during the AHC's annual convention. The convention will run from June 14 to 17 at the Hyatt Regency on Capitol Hill.

Gary Woodward, Deputy Under Secretary for Marketing and Regulatory Programs, Animal and Plant Health Inspection Service, U.S. Department of Agriculture, will kick off the program Tuesday morning. His agency, APHIS, may have the most day-to-day federal interaction with the horse industry of any department of the federal government. He will be joined by USDA staff from APHIS and other departments to explain USDA's relationship with the horse community and its efforts to protect the health of horses and support the continued viability of the industry. USDA leaders and staff will be present to review the Department's goals, program direction, allocation of resources, and opportunities for the horse industry.

The Forum will also feature presentations on other programs to protect and promote the horse.

The Unwanted Horse Coalition, which operates under the umbrella of the AHC, is celebrating its 10th anniversary and will provide an update on its initiatives and those of its members over the last decade to protect unwanted horses, its current activities and future plans.

Attendees will also be provided an update on several new and unique efforts to promote horses to the public with a presentation entitled "Promoting the Equine Experience."

This panel will include an update by Patti Colbert of PCE Enterprises on "Time to Ride," the initiative of the American Horse Council's Marketing Alliance. The Time to Ride Challenge returns in 2015 as a grassroots campaign for the horse community to grow the horse industry while competing for \$100,000 in cash and prizes.

Ross Peddicord of the Maryland Horse Industry Board will also provide an overview of Maryland's institution of a statewide network of Horse Discovery Centers as part of the Board's effort to raise the level of public awareness of Maryland's equestrian traditions and equine activities. These recently-licensed Horse Discovery Centers welcome people of all ages and experience into their barns to learn about horses in a friendly and knowledgeable environment.

Also on this panel will be Anne Sabatino Hardy of Horse Country, Inc. a new nonprofit organization that was formed to promote and arrange tours of Kentucky farms, equine clinics, and local Kentucky attractions. Horse Country hopes to capitalize on its unique location in the "Horse Capital" of the world to promote the story of the horse, from birth, to racing, and back to breeding, to the public in order to attract more fans to racing and the horse.

The Forum will also focus on organizations and individuals intent on keeping kids involved in equestrian activities during their years in college when many seemingly fall out of the industry. Without these organizations and programs, the industry could lose more participants.

"Going to College" will be a panel that includes Meghan Boenig, equestrian coach at the University of Georgia, representing the National Collegiate Equestrian Association; Patte Zumbrun, Equestrian Director at Goucher College, representing the Intercollegiate Horse Show Association; and Cindy Schonholtz, Director of Industry Outreach for the Professional Rodeo Cowboys Association. All of these organizations promote riding and equestrian sports at colleges, either independently or with the National Collegiate Athletic Association. Each will explain their programs and the problems they sometimes face in promoting horse sports to college kids.

The AHC's convention will also include the AHC's Congressional Reception the evening of the Issues Forum, the Congressional Ride-In on Wednesday, June 17, and meetings of all AHC committees and the Unwanted Horse Coalition on Monday, June 15, during the AHC's annual meeting.

Complete information on the Forum and the entire AHC annual meeting, including registration and hotel information, can be found on the AHC's website, <http://horsecouncil.org/events.php> or by contacting the AHC.

Equine Chiropractic: General Principles and Applications

By Kevin Haussler, DVM, DC, Ph.D.

Veterinary chiropractic should be considered a medical act and should be performed by a licensed veterinarian or a chiropractor under the direct referral of a veterinarian in accordance with that state's practice act. It is recommended that extensive educational programs be undertaken before a veterinarian or chiropractor is considered competent to practice chiropractic on animals. From the AAEP Guidelines on Therapeutic Options.

CHIROPRACTIC PRINCIPLES

The word chiropractic is derived from the Greek words *cheir* meaning "hand" and *praktike* meaning "business or to practice." The practice of chiropractic focuses on the relationship between structure (primarily the vertebral column) and function (as coordinated by the nervous system) and how that relationship affects health. Chiropractic is a form of manual therapy that uses controlled forces applied to specific joints or anatomic areas to cause a healing response. This response is due to changes in joint structures, muscle function and neurologic reflexes. The principle common to all chiropractic theories is that joint malfunction affects the normal neurological balance found in healthy individuals. The theory of a "bone out of place" is outdated and not supported by current spinal research.

The goals of chiropractic treatment are to restore normal joint motion, stimulate nerve reflexes and reduce pain and abnormally increased muscle tone. Successful manipulation requires proper technique (i.e., correct direction, force, amplitude and speed) and increased psychomotor skills. A thorough knowledge of vertebral anatomy and joint biomechanics is also required for proper chiropractic evaluation and treatment. During a successful adjustment, a "release" or movement of the restricted joint is often felt. An audible "popping" sound may also be heard during treatment as the applied force overcomes the joint's resistance.

APPLICATIONS

Chiropractic provides additional diagnostic approaches that are not currently available in veterinary medicine. The main indications for equine chiropractic evaluation are back or neck pain, localized or regional joint stiffness, poor performance and an altered gait that is not associated with obvious lameness. A thorough diagnostic workup is required to identify soft tissue and bone-related problems, neurologic disorders or other lameness conditions that may not be responsive to chiropractic care. The primary signs that equine chiropractors look for are localized muscle or skeletal pain, abnormally increased muscle tone and restricted joint motion. This triad of signs can be found in a variety of lower limb disorders, but is most evident in neck or back problems.

Chiropractic care can help manage the muscular, joint, and neurologic portions of certain muscle or skeletal injuries in perform-

ance horses. Chiropractic consultation may be indicated in muscle or skeletal conditions that are chronic or recurring, not easily diagnosed or not responding to traditional veterinary care. Trained equine chiropractors should be able to evaluate vertebral disorders and determine if the back problem has the potential to respond to chiropractic care or if the condition would be better managed with traditional veterinary diagnostics and treatment. Unfortunately, chiropractors are often asked to treat animals as a last resort, when all else has failed or when the disease has progressed to an irreversible condition. Chiropractic care has helped some of these chronic conditions when other types of conventional treatment have failed. However, chiropractic is usually much more effective in the early clinical stages of disease vs. end-stage disease where healing processes have been used up. When used as a last resort, chiropractic care and other holistic methods often fail to produce their full healing effects.

Chiropractic is not a "cure-all" for all back problems and is not suggested for treatment of fractures, infections, cancer, metabolic disorders or nonmechanical joint problems. Horses with acute episodes of sprains or strains, arthritis or impinged spinous processes are also not good candidates for sole chiropractic care.

All neurological diseases should be fully worked up to assess the potential risks or benefits of chiropractic treatment. Serious diseases requiring immediate medical or surgical care need to be ruled out and treated by conventional veterinary medicine before routine chiropractic treatment is begun. However, chiropractic care may contribute to the rehabilitation of most cases after surgery or severe medical conditions by helping restore normal muscle and skeletal function. Chiropractic care cannot reverse severe degenerative processes or obvious abnormalities in tissue.

SUMMARY

Chiropractic provides additional diagnostic and therapeutic means that may help equine practitioners identify and treat the primary cause of lameness or poor performance. It provides specialized evaluation and treatment of joint, neurological and muscle or skeletal disorders that are currently lacking in traditional veterinary medicine. However, limited research is available on equine chiropractic and other non-traditional methods in the industry. The use of chiropractic principles and techniques on animals is dependent on future research into the effectiveness and uses for managing back problems in horses.

About the Author:

Kevin K. Haussler, DVM, DC, PhD

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MINNESOTA HORSE COUNCIL BOARD MINUTES - April 7, 2015

Meeting Location: Nutrena Conference Room - Leatherdale Center, U of MN St Paul

Board Members Present: Trina Joyce, Tom Tweeten, Tracy Turner, Tim Bonham, Dave Fleischhaker, Darrell Mead, Dawn Moore, Sue McDonough, Mark Ward, Kris Kelly, Glen Eaton, Kim Otterson, Kari Newman, Barb Anderson-Whiteis, Meg Sax, Doug Persian

Absent: Missie Schwartz

Members/Visitors: Barb Fleischhaker, Marian Robinson, Allison Eklund

I. Meeting called to order: 6:32 P.M. by President Tracy Turner

II. Introduction of Board Members/Visitors

III. Call for Additions/Changes to Agenda

1. Trina Joyce removed Rochester Therapeutic Riding Survey from New Business
2. Kim Otterson added Electronic Version of Director's Manual to Old Business

IV. Treasurer's Report for April was presented by Tim Bonham. Assets total \$748,049.57. Liabilities total \$407,470.08 with a net available funds \$340,579.49. Discussion and review followed. Tim Bonham presented a revised February Treasurer's Report for approval. Mark Ward motioned to approve both the revised February report and the March report. Meg Sax seconded, discussion followed. Motion tabled until the May meeting.

V. Approval of Minutes: Minutes from the March meeting were presented to the board electronically prior to the meeting. Tim Bonham motioned to approve the March minutes as presented. Kim Otterson seconded, motion carries.

VI. Secretary's Report: Dawn Moore advised Flying D Saddle Club graciously donated \$118 dollars after they dissolved the club. A thank you card will be sent. A new Post Office Box will be obtained this week for the Council so all literature printed for Expo will have an accurate and updated address. Dawn Moore requested any director who may have interest in Chairing or Co-Chairing the Promotions Committee to contact her regarding the process.

VII. OLD BUSINESS

A. Treasurer's Ad Hoc Committee: Barb Fleischhaker advised all paperwork has been delivered to the tax accountant as of yesterday. The new system was used yesterday to pay a couple of bills. Several of the bank accounts have been reconciled and Barb has great hope they will continue to make progress and will have the new system create the Treasurer's Report for May.

B. Teleconference Update: Tom Tweeten advised there are four main points to focus upon. 2. Criteria for when a board member may 4. Process for rescheduling a board meeting. The committee is working on a proposed timeline for the board to review. The committee has looked at several different options at this time. The cost scale and ability to record the board meetings were two questions posed to the board. Tom Tweeten shared that this technology could potentially be used for committees to meet remotely as well. Discussion followed. Tom Tweeten advised the committee will report back in May on their progress.

C. Electronic Version of Director's Manual: Kim Otterson advised she has been working on putting an electronic manual together. Kim Otterson requested all directors send any ideas or requests to her directly.

D. Committee Assignments: Trina Joyce requested an updated copy of the committee list.

VIII. COMMITTEE REPORTS

A. Expo: Glen Eaton reported Expo 2015 is on the way. Ninety eight percent of the vendor spots are sold at this time. The horse barn is almost at capacity. The 2016 board members were read aloud by Glen Eaton. The locker will be loaded at 10:30 Monday morning.

B. Direct Funding: Mark Ward advised one new application has been received since the last meeting. That application was approved by the committee. \$2,675 remains in the Direct Funding budget.

C. Website/Horsemen's Directory: Mark Ward advised the list for the Therapeutic Riding has been made more prominent. The membership sign up has been active and many individuals have chosen to be automatic subscribers. The web designer is working on a program to email those listed on the Directory asking them to update their listing. This will help keep all information on the Directory current.

IX. NEW BUSINESS

A. Expo Booth Sign Up: Dawn Moore advised there has been limited response to the request for help. If directors are interested, she asked that they contact her directly. Dawn Moore will email the board members an updated list with open shifts that need volunteers. Any committee chair that would like to update their handouts need to get the changes to Dawn Moore or Tim Bonham as soon as possible.

B. Hold Your Horses: Trina Joyce advised they have a new place to call home in Maple Plain.

C. Rochester Technical College will not be closing the Equine program as previously reported.

D. Channel 5 - Trina Joyce advised the Channel 5 News highlighted the plight of the unwanted horses and programs that are available as resources within the state of Minnesota. Details are available on their website. Dave Fleischhaker will contact them to be certain the TEEFA program is listed as a resource.

E. Tracy Turner challenged all Directors to bring their vision of the future of the MHC to the May meeting.

Announcements:

April 10 is the deadline for submissions for the next newsletter.

X. Tracy Turner adjourned the meeting at 8:20 PM.

NEXT MEETING - May 12, 2015 - 6:30 p.m.
University of Minnesota Leatherdale Center



APRIL 22, 23, & 24

NATIONAL FARRIERS WEEK

July 5-11, 2015

National Farriers Week will be back again for its 17th year from July 5-11, 2015. As a part of the celebration, we at American Farriers Journal are looking for farrier tributes to include in our digital feature - the Farriers Spotlight.

From now until July 1, we are asking horse owners, riders, trainers, grooms, veterinarians and others in the equine community to submit photos, videos and stories about their farrier.

If you are a farrier making a difference in the industry, tell us about a mentor who has been meaningful in your career. You can also share a unique story of how you helped improve a horse's life.

We will be featuring these stories, photos and videos during National Farriers Week on Facebook, Twitter, LinkedIn and AmericanFarriers.com.

Great or small, we want to hear everything farriers are doing to support the industry. You can submit your photos, videos and stories to Michelle Drewek at mdrewek@lesspub.com. Be sure to include your full name and location with your submission, as well as the full name and location of the farrier you are recognizing.

Thank you in advance!

Michelle Drewek

Web Editor, American Farriers Journal
mdrewek@lesspub.com



AMERICAN
**FARRIERS
JOURNAL**



MINNESOTA HORSEMEN'S DIRECTORY

The Minnesota Horsemen's Directory is working to ensure that the information we share is as current and accurate as possible. We'd greatly appreciate it if you'd take the time to check over your record and make sure that everything's up to date!

<http://mnhd.org>

If you're having trouble getting access to your account, remember that you can request a username reminder or a password reset by going to the following website:

www.minnesotahorsemensdirectory.com/forgot-password.php

MEETING SCHEDULE

MINNESOTA HORSE COUNCIL BOARD MEETINGS

www.mnhorsecouncil.org

Leatherdale Equine Center Center ♦ 6:30 pm
1801 Dudley Ave ♦ St. Paul (U of M St. Paul Campus)
MHC Board Meetings are open, MHC members welcome to attend.

June 9, 2015	Dec. 8, 2015	April 12, 2016
July 14, 2015	Jan. 23, 2016 -	May 10, 2016
Sept. 8, 2015	Annual Meeting	June 14, 2016
Oct. 13, 2015	Feb. 9, 2016	July 12, 2016
Nov. 10, 2015	March 8, 2016	Sept. 13, 2016

MINNESOTA HORSE EXPO BOARD MEETINGS

www.mnhorseexpo.org
6:30 pm

Call 952-356-2090 for location.

June 30, 2015	Dec. 29, 2015	May 17, 2016
July 28, 2015	Jan. 26, 2016	June 28, 2016
Sept. 29, 2015	Feb. 23, 2016	July 26, 2016
Oct. 27, 2015	Mar. 29, 2016	Sept. 27, 2016
Nov. 24, 2015	Apr. 19, 2016	Oct. 25, 2016

For Horse's Sake

Editors: Linda Dahl and Missie Schwartz

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For Horse's Sake is the official newsletter of the Minnesota Horse Council (MHC). Statements appearing in *For Horse's Sake* are those of the authors and not necessarily those of the MHC. To reprint any material published in *For Horse's Sake*, please notify MHC of your intentions. Full credit needs to be given to the author. Articles of relevance to the equine industry are earnestly solicited. The Minnesota Horse Council is a non-profit member-supported volunteer organization representing all equine disciplines and breeds in Minnesota's equine livestock industry.

Please e-mail or send potential articles to:

Dahl Graphics & Printing
39257 Taray Road ♦ Pine River, MN 56474
E-Mail: fhs-mhc@dahlgraphics.com

Newsletter Deadlines

July-Aug 2015	7/17/15	Jan. 2016	1/20/16
Sept. 2015	8/14/15	March 2016	2/12/16
October 2015	9/11/15	April 2016	3/11/16
Nov. 2015	10/16/15	May 2016	4/15/16
Dec. 2015	11/13/15	June 2016	5/13/16

MINNESOTA HORSEMEN'S DIRECTORY

The Minnesota Horsemen's Directory is a free resource provided by the Minnesota Horse Council to help you find horse-related information and services in and near Minnesota.

♦ Find a farrier, trail riding stable, boarding, lessons, tack stores, and much more! Use the Events Calendar to find shows, clinics and other horse-related activities. Use the new Jobs category to find a job or skilled job seeker.

♦ Find what you're looking for by choosing a category, or search the directory. Once you are in a category, browse the results alphabetically or by a sub-category or region.

♦ Help make this site comprehensive and accurate. Submit a free listing of your Minnesota horse-related business or organization. Once listed, you can edit your listing as often as you wish.

♦ Whether you are looking to hire or looking for an equine-related job in or near Minnesota, submit a Help Wanted or Seeking a Job ad here.

www.minnesotahorsemensdirectory.com



MEMBERSHIP APPLICATION

www.mnhorsecouncil.org

- Individual - \$15
- Family - \$20
- Organization - \$25
- Corporation - \$25
- Certified Stable: First Year - \$35
- Certified Stable: Renewal - \$25

Name _____

Farm/Business Name _____

Address _____

City/State/Zip _____

Phone _____

Alt. Phone _____

E-mail _____

Brief description of your stable/business/involvement with horses:

Would you like to volunteer with MHC? If so, please list any interest you have: _____

I'd like to receive the MN Horse Council newsletter, "For Horse's Sake" by:

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 PO Box 223 ♦ Plato, MN 55370

or join online at www.mnhorsecouncil.org/membership



Minnesota Horse Council

PO Box 223 ♦ Plato, MN 55370

763-755-7729 ♦ mn.horsecouncil@comcast.net

www.mnhorsecouncil.org

COMMITTEE CHAIRS

Aisle of Breeds

Glen Eaton ♦ 952-922-8666 ♦ gleneaton@minnesotahorsecouncil.org

Annual Meeting

Dawn Moore ♦ 952-949-6659 ♦ dawnmoore@mnhorsecouncil.org

Budget

Tracy Turner ♦ 651-351-7206 ♦ tracyturner@mnhorsecouncil.org

Certified Stables

Sue McDonough ♦ 651-699-8117 ♦ suemcdonough@mnhorsecouncil.org

Communications

Missie Schwartz ♦ 612-868-6041 ♦ missieschwartz@mnhorsecouncil.org

Direct Funding

Mark Ward ♦ 651-436-6557 ♦ markward@mnhorsecouncil.org

Disaster Response

Marian Robinson ♦ 763-588-0297 ♦ marianrobinson@mnhorsecouncil.org

David Fleishhaker ♦ 651-450-6710 ♦ davidfleishhaker@mnhorsecouncil.org

Education

Jennifer Willey ♦ 612-669-7564 ♦ jenniferwilley@mnhorsecouncil.org

Expo

Glen Eaton ♦ 952-922-8666 ♦ gleneaton@mnhorsecouncil.org

Expo Budget Review

Darrell Mead ♦ 763-420-3697 ♦ darrellmead@mnhorsecouncil.org

Grants

Tim Bonham ♦ 612-721-1007 ♦ timbonham@mnhorsecouncil.org

Horseperson of the Year

Dawn Moore ♦ 952-949-6659 ♦ dawnmoore@mnhorsecouncil.org

Horse Welfare

Tracy Turner ♦ 651-351-7206 ♦ tracyturner@mnhorsecouncil.org

Inventory/Storage

Glen Eaton ♦ 952-922-8666 ♦ gleneaton@mnhorsecouncil.org

Legislative

Tracy Turner ♦ 651-351-7206 ♦ tracyturner@mnhorsecouncil.org

Thomas Tweeten ♦ 952-226-4190 ♦ thomastweeten@mnhorsecouncil.org

Minnesota Horsemen's Directory

Mark Ward ♦ 651-436-6557 ♦ markward@mnhorsecouncil.org

Nominations

Thomas Tweeten ♦ 952-226-4190 ♦ thomastweeten@mnhorsecouncil.org

Pioneer Award

Doug Persian ♦ 763-242-5570 ♦ dougpersian@mnhorsecouncil.org

Promotions

Dawn Moore ♦ 952-949-6659 ♦ dawnmoore@mnhorsecouncil.org

Scholarships

Trina Joyce ♦ 612-729-7798 ♦ trinajoyce@mnhorsecouncil.org

Show Facilities

Thomas Tweeten ♦ 952-226-4190 ♦ thomastweeten@mnhorsecouncil.org

State Horse Council

Glen Eaton ♦ 952-922-8666 ♦ gleneaton@mnhorsecouncil.org

Temporary Emergency Equine Feed Assistance (TEEFA)

David Fleishhaker ♦ 651-450-6710 ♦ davidfleishhaker@mnhorsecouncil.org

Trail Blazers

Darrell Mead ♦ 763-420-3697 ♦ darrellmead@mnhorsecouncil.org

Website

Mark Ward ♦ 651-436-6557 ♦ markward@mnhorsecouncil.org

Administrative Assistant

Andrea Dubay ♦ 763-755-7729 ♦ mn.horsecouncil@comcast.net



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APRIL 22, 23, & 24

Out the Back Door . . .

Just Once

Just once I would like to hear the gas station attendant say "I really don't care what kind of a day you have." Just once I would like to use my bumper instead of my horn on the car that cut me off. Just once instead of "To a good home only" I would like to see the ad state honestly "Please buy the [insert critter here] and get the dang thing off my feed bill.

We are pushed to be polite, kind and caring. Even so, there are those folks we admire for their direct approach. If we know and love them, we see they are being honest. I believe the term these days is *unfiltered*. If they are strangers we encounter, we view them as rude or down right mean.

So even though we are encouraged, trained and drilled to be honest, we have to apply the filter. Cushion the blow, sugarcoat the answer, work around the truth.

Then there is every time - not just once - I can be honest with my horses. They appreciate the honesty. They are happy to see me stepping out that back door.

Missie.Schwartz@MNHorseCouncil.org



Always happy to see me.