

## 2015 AVCA Conference Presenters

**Patricia Bona, DC** (Pennsylvania), an AVCA Certified Doctor, graduated from Logan College of Chiropractic in 1987 and has been an AVCA member since 1992. She has been certified in animal chiropractic by the AVCA since July 1994. Doctor Bona has spoken on various equine topics since 2010. Her focus has always been on good posture to efficiently thrive under the unyielding force of gravity. A basic yet powerful concept. Early mentors, Dave Duckett, FWCF and Judith Shoemaker, DVM, helped to build a broad foundation in animal chiropractic. Her horses Buckaroo and Trocaireac led her to develop a cross fiber grooming technique which today is marketed as Posture Prep Cross Fiber Groomer for horses, dogs and small animals and Wellness Prep for humans.



**Lecture: Optimize your equine adjustments by improving posture and biomechanics addressing Dents and Dings, scar tissue and other myofascial restrictions** Scars, scar tissue and adhesions cause

compensations that alter optimum posture and gait. These restrictions often hold a history of old injuries and compensations often with sclerotogenous pain patterns. Optimum posture and practical gait analysis will be addressed relative to the equine "conditions of Tennis Elbow, Plantar Fasciitis and rotator cuff" strains. Video demonstrations will be presented for the evaluation and treatment to optimize your chiropractic adjustments.

**Lab: Find and fix conditions found in horses such as Tennis Elbow, plantar Fasciitis and rotator cuff syndromes to improve posture performance and overall well-being** Tennis Elbow, Plantar Fasciitis, Rotator cuff and quadratus lumborum syndromes are often very difficult and chronic in bipeds yet more responsive and profoundly effective to treat in horses. Specific postural, gait and pain patterns are associated with these syndromes. The application of myofascial release techniques to the specific areas of involvement as well as to the functional axis of rotation at the cap of the scapula and point of the hip will help to quickly and effectively improve posture, biomechanics and overall well-being will be demonstrated. An overview of optimum posture, dents and dings will also be reviewed.

Guest Speaker



Hilary Clayton, BVMS, PhD, MRCVS

### Hilary Clayton, BVMS, PhD, MRCVS

Dr. Clayton was appointed as the first incumbent of the Mary Anne McPhail Dressage Chair in Equine Sports Medicine at Michigan State University's College of Veterinary Medicine in July, 1997. A native of England, Dr. Clayton received her veterinary degree from the University of Glasgow in 1973. She spent the next two years as an associate in a mixed veterinary practice in Kilmarnock, Scotland before returning to the University of Glasgow where she earned a PhD in 1978. From 1979 through 1980, she was a visiting assistant professor in Michigan State University's Department of Anatomy. She then returned to Glasgow for two additional years. In 1982 she accepted a position with the University of Saskatchewan in Canada where she spent 15 years as a professor of veterinary anatomy before returning to MSU to fill the McPhail Chair. Dr. Clayton is a faculty member in the Department of Large Animal Clinical Sciences and holds academic appointments in the Department of Animal Science, College of Agriculture and the Department of Materials Science and Mechanics in the College of Engineering.

As a veterinarian and researcher, Dr. Clayton's studies on the biomechanics of equine gait have focused on sport horses, including dressage and jumping horses. Some recent work has included video

graphic studies of Olympic dressage and jumping events and kinematic and kinetic research with some of the world's top dressage riders and horses in the Netherlands. A lifelong rider, Dr. Clayton began her equestrian career as a Pony Club member in England. She later competed extensively in eventing, show jumping and dressage. Active in the sport of dressage, Dr. Clayton is a USDF Bronze, Silver and Gold Medalist, and is a certified equestrian coach in the UK and Canada. She has been a member of the Canadian National Coaching Committees for the sports of dressage, jumping and eventing, and is currently a member of the USDF Planning Committee.

**Lecture: Causes and Effects of Back Pain in Horses.** Back pain in horses is described with reference to the human back pain model including the consequences of neurogenic atrophy of the deep stabilizing musculature. New data describing the frequency and severity of osseous spinal pathologies in horses will be presented together with evidence-based research supporting the value of core training exercises in the prevention and treatment of atrophy of

the deep stabilizing musculature in horses with back pain.

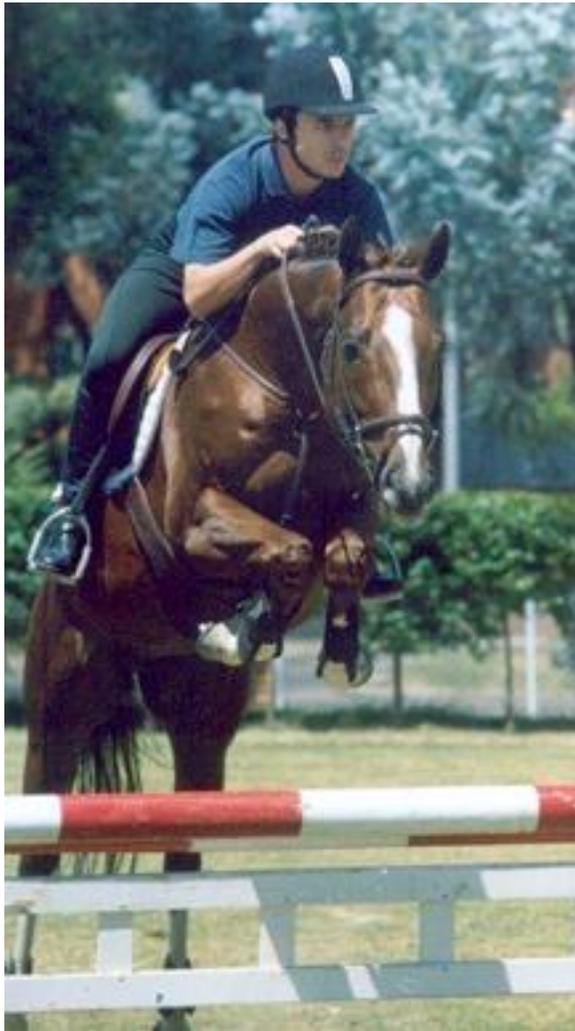
**Lecture: Equine biomechanics and lameness** The talk covers the basics of equine biomechanics with emphasis on the relationship between conformation, movement, ground reaction forces and injury. These principles are then applied to understanding the mechanics of lameness. In addition, information about the mechanical effects of turning and circling are described.



**Wendy Coren, DC** (Florida), an AVCA Certified Doctor, a 1980 graduate of New York Chiropractic College, has been in full time private practice for 27 years. Her most important chiropractic accomplishments include working on site at ground Zero following 9/11, on the ship Spirit, and in St. John's church by bringing the healing benefit of chiropractic to rescue and recovery workers, city employees and volunteers. Dr. Coren has been an active proponent of chiropractic education by serving on the Board of Directors of Parker Chiropractic College, as a Team Teacher for Parker Seminars and in her continuing education seminars that she teaches with her husband Dr. David Lundquist. Together Dr. Coren and Dr. Lundquist provide communication seminars nationally and internationally that provide the skills to chiropractors and their staff to communicate with their patients in an effective and professional manner. Dr. Coren has spoken to thousands of chiropractors including 79 representatives of chiropractic in Japan. Dr. Coren brings chiropractic and communication together when teaching at the Women's Crisis Center where abused woman are taught to respect their minds and bodies. They learn how chiropractic improves function through better communication between the brain and body.

They use this knowledge to increase their awareness and control of their own health and other parts of their life as well. Dr. Coren has gone on site to perform postural awareness and ergonomic checks for companies including U.S. Surgical and World Wrestling Entertainment. She is the author and co-author of numerous books and tapes including *Real-Eyes Success Today*, *Say Yes to Chiropractic*, *As You Think so Shall You Be*, *Chiropractic Philosophy* and more. Perhaps Dr. Coren's greatest achievement is the balance of life with her children Dustin and Casey, a Molecular Biologist and a college student respectively. Traveling with her and working in the office they have allowed her to bring the benefits of chiropractic to the world while bringing her home along for the ride

**Lecture: Fascial Adjusting Equine** Mobilizing and releasing the fascial component of the VSC is imperative for maximal effectiveness of the chiropractic adjustment. There is often immediate postural and gait improvement adding to the efficacy of the manual adjustment. Proper attention to fascial interconnectedness can help stabilize joint function without restricting mobility. Immediate pain reduction reduces compensations and resulting additional subluxation patterns. Facilitating proprioception through mechanoreceptor stimulation provides a tool for reestablishing and establishing performance related function.



**Juan Carlos Garcia de Brigard, D.V.M., M.Sc., CERP, CKTI-E**, an AVCA Certified Doctor. Dr. García de Brigard is an FEI Official Veterinarian who specializes in equine physical therapy and rehabilitation.

He currently runs, in his native Colombia, a private practice for high performance horses where he acts as the Therapist for the Colombian Equestrian Team, as well as several horses from other international teams (Venezuela, Guatemala, Honduras, Bermuda, Salvador and USA).

He has undergone practitioner certificate studies in equine sports massage, animal chiropractic, equine KinesioTaping, equine rehabilitation and equine/canine manual lymphatic drainage, and is currently one of only six certified Equine KinesioTaping Instructors worldwide.

Doctor García de Brigard has been involved with horses as every part of the sport (breeder, owner, rider/competitor, veterinarian and FEI Official) and currently rides and jumps for pleasure.

**Lecture: The Use of Neuromuscular Taping as an Adjunct Therapy for the Equine Chiropractic Patient – Introductory Lecture** The equine chiropractic patient requires intense neuromotor stimuli in order to facilitate a full recovery of its range of motion and performance. Neuro Muscular Taping provides an increased external neuromotor stimuli that improves the patient's ability to control muscle fiber recruitment. This lecture will address the physiological fundamentals needed to understand Neuro Muscular Taping and will introduce Taping as an adjunct therapy for the Equine Chiropractic Patient. This lecture is open to every participant, but it is required to those who wish to attend the Neuromuscular Taping on the Equine Chiropractic Patient Lab.

**Lab: Neuromuscular Taping on the Equine Chiropractic Patient Lab**

**Donna Gigliotti, DC** (New York), an AVCA Certified Doctor, has been working on animals in conjunction with local veterinarians since 1997, when she received her basic certification in animal chiropractic from the AVCA. She then went on to complete her advanced certification through the AVCA. Dr. Gigliotti has completed a 700+ hour course in animal neurology which will eventually lead to a master's degree. Over the years, Dr. Gigliotti has completed numerous seminars and classes in neurology, biomechanics and energy therapies. She has also trained with leading practitioners in those fields to improve her knowledge and skills. Dr. Gigliotti uses a combination of techniques and modalities to help your animal achieve its maximum health potential.

**Lecture: The Art of Chiropractic** –A lecture presentation exploring the philosophy, art and science of chiropractic. We will attempt to answer the long pondered questions of why, where, when and how to improve the quality of life or our patients using chiropractic techniques

**Lecture: How to Improve the Quality of Life for our Older Patients and Enhance Neuroplasticity in the Younger**

**Patient Using Functional (Practical) Neurology** This lecture will cover the basic neurological concepts of central integrative state, trans neural degeneration, plasticity. We will learn ways to decrease pain and increase function of the older patient using neurologically based exercises.

**Lecture: Sacral Occipital Technique as Applied to the Quadruped** This will be a demonstration of how to implement SOT in your animal practice. It will also include hands lab to improve your palpation skills as they pertain to SOT it will cover topics such as cervical -lumbar relationships (r+c factors), cranial rom, and the basic principles of SOT to determine the primary cause of dis-ease.



**Lab: Sacral Occipital Technique Equine** This live demonstration of how to implement SOT in our large animal practice. It will cover topics such as cervical-lumbar relationships (r&c factors) cranial rom, using the principles of SOT to determine the primary cause of disease

**Lab: Sacral Occipital Technique Canine:** This will be a demonstration of how to implement SOT in your small animal practice. It will also include hands lab to improve your palpation skills as they pertain to SOT. It will cover topics such as cervical-lumbar relations (r&c factors), cranial rom, the basic principles of SOT to determine the primary cause of disease



**Amy Hayek, DVM, MA, CVA, CVC** (South Carolina), an AVCA Certified Doctor. Dr. Amy Marie Hayek graduated from Iowa State University in 1986 with a Bachelor of Science in English, in 1987 with a Master of Arts in Technical Writing, and in 1998 from Colorado State University College of Veterinary Medicine and Biomedical Sciences with a DVM. She has a certificate in Veterinary Acupuncture from the University of Beijing and a certificate in Animal Chiropractic from The Healing Oasis and the State of Wisconsin. Dr. Hayek lectured and gave laboratory assistance at Parker Chiropractic College from 2010 to 2012 in the Animal Chiropractic Program.

In conjunction with her partner, Dr. O, she founded and currently teaches for Animal Chiropractic Education Source, the only online course with AVCA approval, RAIVE and SCAV CE approval. She has published in the Journal of the American Veterinary Medical Association, along with numerous trade journals regarding animal husbandry, including the Holistic Horse, Animal Wellness, Equine Wellness, Canine Wellness and Elite Equestrian. She routinely lectures for the American Veterinary Chiropractic Association and has lectured for Equine Affair, the Hoosier Horse Fair, Iowa Horse Fair and the Southeastern Veterinary Conference.

**Lecture: Best Friends: The Brain and The Digestive Tract** In embryology we have already discovered that the brain and the digestive tract are among the first and most important developments of the body of any animal. During this talk I will outline ways in which to identify how this relationship is expressed in the animal patient and how chiropractic helps to stabilize the relationship. By stabilizing this relationship the animal patient can develop more fully, including better immune system, better weight gain, and better learning ability.

**David Hirsch, DVM** (New Jersey), an AVCA Certified Doctor. 1979-1983 – Veterinary School MSU CVM, 2000-2001 – Options for Animals Chiropractic, 2001-2002 - Chi Institute Small Animal Acupuncture, 2001 – Certified in Animal Chiropractic by American Veterinary Chiropractic Association, 2002- Certified in Small Animal Acupuncture from Chi Institute, 2007 – Certified in Herbal from Chi Institute

**Lecture: The Relationship of Animal Chiropractic and Traditional Chinese Veterinary Medicine** This lecture will discuss the philosophy and relationship of traditional veterinary Chinese medicine and animal chiropractic, how the modalities complement each other to stimulate chiropractic referrals from acupuncturist.



**Patricia Holl, DC** (Montana) an AVCA Certified Doctor. Dr. Holl is a licensed chiropractor living in Montana, and is the staff chiropractor at the Yellowstone Naturopathic Clinic in Billings, Montana. She is an extension faculty member of the Intern Preceptor Program through Palmer Chiropractic College, Davenport, IA. Her longstanding love for animals led her to become an animal chiropractor. Dr. Holl is also the instructor of the Animal Chiropractic courses at Southern California University of Health Sciences in Los Angeles and the newly created Bozeman Veterinary College. She is currently pursuing a Diplomate in Functional Neurology through the Carrick Institute of Functional Neurology. She lectures throughout the country on the benefits of animal chiropractic

She was recently published in the national publication of 'The Working Horse' magazine.



Dr. Holl also maintains a busy animal chiropractic practice, specializing in equine chiropractic, though she also attends to dogs, cats, goats and an occasional rabbit. She travels throughout the country providing animal chiropractic services.

**Lecture: Functional Neurology of the Vertebral Subluxation Complex - How an understanding of functional neurology will improve your skills as an animal chiropractor and provide a more comprehensive approach to treatment of your animal patients** Attendees will discover the basic principles of functional neurology as they are relevant to the subluxation and chiropractic adjustment. They will learn a systematic approach to the evaluation of animals presenting with weakness, gait disturbances and pain syndromes and topics to be discussed include a discussion of receptors and classifications. How movement patterns and immobility directly affect the neurology of your animal patient as it relates to the VSC.



**Ian Lafoon DVM** (California), an AVCA Certified Doctor. Dr. Ian Lafoon, D. V. M., graduated from Colorado State University in 2000. Prior to becoming a veterinarian, Dr. Lafoon spent 12 years as a farrier. He has worked with some of the country's best farriers and continues to work with some of them in the Reno area.

Dr. Lafoon specializes in podiatry, lameness, chiropractic and acupuncture. Dr. Lafoon graduated from the Parker College chiropractic program and is AVCA certified. He also graduated from Colorado State University's medical acupuncture course. Dr. Lafoon uses several modalities to complement traditional western medical approaches to improve the well-being of your animals. In his spare time, he enjoys riding his horses, roping and spending time working on his family operated ranch.

**Lecture: Equine Podiatry: How to Recognize Hoof Pain** A discussion of hoof pain. Often times being called out for chiropractic issue when on exam many patients will have hoof pain. A discussion of the "need to know" and podiatry basics for the equine chiropractor. Basic information will be provided to help recognize hoof pain.

Guest Speaker



Doug Lawson

**Doug Lawson, DC, MSc (Medical Science)** (Alberta), is the husband of the charming and intelligent Maria Lawson, a volunteer with the AVCA. They have two delightful children, the older a professor at the University of Minnesota in Minneapolis, and the younger a team leader specialist with WestJet airlines. Doug and Maria have over 40 years of experience in examination design and implementation. Doug has a Master of Science degree from the University of Calgary, Faculty of Medicine, and Medical Education Research Unit. His area of special interest was in psychometrics.

As a second generation chiropractor, Doug has contributed as the Chair of the Canadian Chiropractic Examining Board and Chief Executive Officer. He was also the Registrar of the College of Chiropractors of Alberta. For his service to the chiropractic profession he has been recognized with a lifetime honorary member of the College of Chiropractors of Alberta, an honorary member of the Canadian Chiropractic Association, the Medal of Merit of the Canadian Chiropractic Association, and Diplomate in the Specialty of Chiropractic Radiology (Honoris Causa). He has published over fifteen articles in peer reviewed journals and sits on the editorial board of three journals. He is a long-time volunteer of his time and expertise to the animal chiropractic profession working with the American Veterinary Chiropractic Association. Doug also is a long-time volunteer for The Arthritis Society.

**Research Workshop:** There are two key objectives to this workshop. The first objective is to review the research that has been published on animal chiropractic. Participants will be provided a list of published research articles and methods of obtaining free copies of the abstracts. The author is very interested in receiving copies and abstracts of research articles that may have missed. The second objective is to determine if research is an important activity for animal chiropractors. If there is a consensus around the second objective, and that consensus suggests that research is important, then during the second hour the participants will engage in the development of research goals, research questions, and methods for conducting research in laboratory settings and as multi-centered clinical trials. It is hoped that the second objective will result in a report to the Board of the AVCA.

The purpose of the research workshop is not in any way to restrict the practice of animal chiropractors to only those presentations and conditions for which there is published evidence of efficacy.

**Laura V. Lee, DVM** (Nova Scotia), an AVCA Certified Doctor. Dr. Laura Lee lives in Dartmouth, Nova Scotia, Canada, where she practices integrative veterinary medicine for small animals, and chiropractic and acupuncture for horses. She completed her DVM degree at the Ontario Veterinary College, University of Guelph in 1979. Upon graduation, she moved to Nova Scotia to work in a mixed animal veterinary practice, and bought her own practice in 1994. Laura has had a life-long interest in alternative medicine, having grown up in a Chinese-Canadian family that used herbal and food therapy to prevent and treat seasonal diseases. In 1998, her horse, Spidey, a 7 year old Hanoverian-thoroughbred dressage horse, sustained a cervical injury. Diagnosis and treatment using conventional medicine was only partially successful, and Laura was motivated to continue her exploration of alternative medicine.

In 1999-2000, Laura took an Association of Veterinary Acupuncturists of Canada (AVAC) basic veterinary acupuncture course, and became certified by the International Veterinary Acupuncture Society (IVAS) shortly afterward. She completed the Options for Animals basic animal chiropractic course in 2003 and became certified by the AVCA in the same year.



Laura has pursued study in advanced chiropractic with Option for Animals (Extremities), and with Carl DeStefano (Applied Kinesiology and Functional Neurology 1-4). Besides keeping her certification continuing education requirements for both IVAS and AVCA, Laura is currently furthering her education, and satisfying her curiosity, with the study in both Traditional Chinese Veterinary Herbal Medicine and Western herbal remedies to meet the demands of her patients.

She has a keen interest in sports medicine, and is a member of the American Canine Sports Medicine Association, as well as AVAC, Canadian Academy of Veterinary Dermatology, Veterinary Botanical Medicine Association and the

College of Integrative Veterinary Therapies. Her other passions including riding horses, music (jazz and playing Brazilian samba drums) and photography.

**Lecture: Easier Equine Adjustments: Myofascial Releases and Techniques for Small Practitioners-- Front Leg, Cranial Thoracic (Withers) and Cervical** These are the technique lectures following the AVCA 2014 presentation on Equine Adjustment Modifications for Small Practitioners. This presentation will focus on the use of myofascial releases for most of the superficial muscles of the forelimb, withers and neck to support and maintain chiropractic adjustments. Myofascial release points and techniques for each muscle will be given, as well as a demonstration of chiropractic techniques for small practitioners. Myofascial release patterns that the author has noted in her own practice will also be discussed and compared with myofascial meridians as described for humans.

**Lecture: Easier Equine Adjustments: Myofascial Releases and Techniques for Small Practitioners-- Thoracolumbar, Pelvic and Hind Leg** These are the technique lectures following the AVCA 2014 presentation on Equine Adjustment Modifications for Small Practitioners. This presentation will focus on the use of myofascial releases (MFR) for most of the superficial muscles of the thoracolumbar spine, pelvis, and hind limb. MFR to support or help adjust the hock, stifle and hip, myofascial releases for each muscle, and chiropractic techniques for small practitioners will be shown. Techniques for accessing deeper muscles and viscera will also be discussed. Myofascial release patterns that the author has noted in her own practice will be compared with myofascial meridians as described for humans.

**Lecture: Non-surgical Options: Myofascial Release and Chiropractic Treatment of Common Canine Hip and Stifle Problems** Common hind limb orthopedic problems in dogs include hip dysplasia, cranial cruciate ligament injuries, medially luxating patellas, osteoarthritis, and acute traumatic joint injuries, possibly caused by repetitive stress. Less common are osteochondritis dissecans, degenerative neurological disease (degenerative myelopathy), developmental diseases, and conformational strains. Chiropractic and myofascial releases for non-surgical treatment if suitable, or for post-surgical support, are discussed. For some young dogs, if treatment is started before the growth plates have fused, it may be corrective to the point of cure. Long term management using chiropractic and myofascial releases can maintain a dog's athletic career and provide quality of life.

**Dina LiVolsi, DC.** (Pennsylvania), an AVCA Certified Doctor. Currently the staff chiropractor at Point Breeze Veterinary Clinic, Dr. LiVolsi has been practicing chiropractic for 23 years, 15 of those include working with animals. She has completed postgraduate training in animal chiropractic from Options for Animals and was the first doctor in Allegheny County to receive certification from the prestigious American Veterinary Chiropractic Association (AVCA). Dr. LiVolsi has also completed all of the requirements, including a research project and internship, for the advanced certification (formerly known as the Diplomate Program). She has also served as a Practice Standards committee member and national board examiner for the AVCA.

Dr. LiVolsi was the first chiropractor in Pittsburgh to receive hospital privileges and work at the University of Pittsburgh Medical Center's Shadyside Center for Complementary Medicine.

Several years ago, she wrote and produced an educational video on animal chiropractic, completed and presented a research project (The Occurrence of Femur Misalignments in the Canine), and presented at Options for Animals Advanced Modules. Additionally, she provided AVCA-approved continuing education seminars, teaching her own ENERGYWORKS CHIROPRACTIC technique, Intense Review "Plus" seminars, and her 'DOGS, DOGS, DOGS' chiropractic seminar.

She was also co-director, moderator and presenter of CE-approved "Introduction to Complementary Medicine for the Veterinarian" seminars. Dr. LiVolsi has spoken at the Ohio State Board of Veterinary Medicine's Midwest Conference, the American Veterinarian Chiropractic Association Annual Conference, and the American Holistic Veterinary Medical Association's Annual Conference.

Appearing in many local media, Dr. LiVolsi traveled regularly to Cairo, Egypt, where she adjusted military police horses, endurance racers, hunter/jumpers and guard dogs (and some people, too!). Dr. LiVolsi retired from "human" chiropractic in 2012 and now works exclusively with animals.

**Interactive/Lecture: Neuromuscular Reflex Testing** This is an introduction into the world of neuromuscular reflex testing (NMRT), commonly known as "muscle testing". This tool will greatly aid the animal chiropractic practitioner. Class provides an easy, stress-free, uncomplicated method of learning the NMRT in an interactive setting. Common misconceptions will be cleared up, myths debunked and the whole process de-mystified. Scientific efficacy evidence of the NMRT will be presented. Hands-on activities will be included allowing participants ample opportunity to experience for themselves this method that has been used by complementary health care providers for decades. This is a confidence building workshop. Come - learn and have fun!





**Laurie McCauley, DVM, DACVSMR, CVC, CVA** (Illinois), an AVCA certified Doctor. A 1992 graduate of Colorado State University's School of Veterinary Medicine, Dr. McCauley is one of the two founding partners of TOPS Veterinary Rehabilitation. Since she started TOPS in 1998, she has been credited as one of the pioneers of veterinary rehabilitation, and has become one of the most recognized names in this field. Dr. McCauley is also on faculty of the Canine Rehabilitation Institute. She is a contributing author to Canine Physical Therapy and Rehabilitation, as well as multiple editions of The Clinical Textbook for Veterinary Technicians.

She is a frequent national and international lecturer on the topics of complementary medicine and rehabilitation. She has presented her work frequently at the International Symposium on Veterinary Physical Therapy and Rehabilitation, American Veterinary Medical Association, North American Veterinary Conference, and the 2007 World Veterinary Conference in Mexico City, Mexico.

In 2011, Dr. McCauley was awarded the Iams AARV Award for Excellence in the Field of Rehabilitation. She is also credited with introducing the world to the use of hydrotreadmill therapy as a part of canine rehabilitation, a modality considered almost standard in veterinary rehabilitation today.

Although not currently seeing patients in the clinic, Dr. McCauley continues to focus her time and energy lecturing, teaching and continuing to develop and influence veterinary rehabilitation worldwide.

**Lecture: Limb Joint Mobilization : An In-depth Look at How The Limb Joints Move and How to Obtain Improved Range Of Motion** Joint Mobilization affects the proprioceptive as well as the nociceptive (pain) receptors in the joint capsule of each joint as well as the receptors found in the tendons and ligaments. By simply understanding the anatomy and a few joint mobilization techniques you can relieve pain, improve or normalize range of motion, and improve balance and body awareness in all of your patients. Learn with pictures and videos and then hone your new skill set with an interactive lab

**Lecture: Improve Your Tool Box with "Out of The Box" Spinal Techniques** When learning chiropractic certification techniques, anatomy, and dimensional motions must be simplified to help new comers understand how to diagnose a subluxation and then how to "fix" it. Spinal segments move in multiple dimensions. By learning how to assess and then affect the joint capsule and surrounding structures, treatments can be significantly improved with longer lasting effects. Learn how to "see" these motions and restrictions with your fingertips via lecture and video and take home some new techniques that you can use immediately.

**Lecture and Demo: How To Strengthen and Stretch the Muscles that Support the Spine** Core muscles help maintain spinal position as well as control motion. Strengthening these muscles can aid in chiropractic adjustments lasting longer and reduce the chance of injury. Active stretching can be a diagnostic tool as well as help patients post injury and prepare patients for athletic competitions and daily life. Learn via pictures and videos how to best perform these exercises and stretches for patients at all different stages of life, adolescent, middle aged pet, athlete, and weak or geriatric pet.

**Mindy Neal, DC** (Texas), an AVCA Certified Doctor, is a chiropractor from Bovina, Texas where she grew up. Every summer, she helped her father and learned the trade of farrier except for the summers that she worked for her uncle, the veterinarian. She received a full ride basketball scholarship to Texas A&M University, where she received her bachelor's degree in Biomedical Science. While at A&M, she was fortunate enough to get the honor of being part of the GTE Southwest Conference Academic Honor Team. After graduation, and 4 years in genetic research, she attended Parker College of Chiropractic and graduated in August of 1999.

Dr. Neal attended the Parker College Animal Chiropractic Program in 2010. In September of 2010, she sat for and passed the AVCA certification examination and then attended her first AVCA Conference that November.



Dr. Neal's passion for chiropractic is as strong as ever for all creatures, great and small. Her human practice has two satellite offices, one in Hereford and one Ft. Sumner, which she and her partner cover. She travels and maintains an animal practice with her other partners, and is a wife and mother in her spare time.

**Lecture: Adjusting Show Stock – Steers.** This lecture is to help the AVCA Certified Doctor to be familiar with the safety issues, anatomy, common structural problem and adjusting adaptation for show steers and heifers. Actual Cow Skeleton is available and Power Point Lecture Notes

**Lab: Adjusting Show Stock - Steers**



**Robert Ness, DVM**, an AVCA certificant, Ness graduated from the University of Illinois College of Veterinary Medicine in 1990 with a strong interest and determination in avian and exotic pet medicine. His first employment as a new graduate was as an associate veterinarian for the only all avian and exotic pet practice in the Midwest at the time. He spent 9 of the next 12 years at that practice, with the other 3 years serving as head exotic veterinarian for a prominent group of veterinary practices, also in the Chicago area. During his tenure at these practices, Dr. Ness continued to expand his knowledge and training, but kept believing that there was more to being an animal healer than just mainstream medicine. As frustrations grew over the limitations of standard conventional care for chronic diseases and common problems encountered in his patients, Dr. Ness began exploring the realm of holistic medicine and, as they say, the rest is history.

In June 2002, Dr. Ness started Ness Exotic Wellness Center as an alternative to the typical veterinary hospital. He continues to practice full-time at Ness Exotic Wellness Center, while managing the practice as well. Dr. Ness continues to develop his wealth of knowledge by adding new and innovative treatments to his practice, becoming widely respected and regarded in the field of Avian and Exotic Pet Medicine, especially in the field of Holistic Therapy. Dr. Ness became certified by AVCA for Chiropractic in 1998 and Chi-Institute for Acupuncture in 2002. He is presently one of the very few practitioners in the country practicing Holistic Therapy in an Avian and Exotic Pet practice.

Dr. Ness continues to be spread his knowledge through lectures, consultation and writing. In addition to the AVCA conference this year, he also spoke at the regional Midwest Bird Expo in May and international Exotics Con conference (combined exotic vet specialty organizations AAV, ARAV & AEMV) in late August. He serves as consultant in various capacities for Animal Essentials/Animal Apawthecary, Oxbow Animal Health, Assisi Animal Health and Companion Therapy Laser.

**Lecture: Anatomic & Physiologic Considerations in Exotic Pet Species Pertaining to Chiropractic Care** By definition, any vertebrate species is a potential chiropractic patient. This presentation is designed to widen the prospect of chiropractic care in small animal practice to patients beyond the typical dog and cat. Anatomy, physiology and biomechanics of common avian and exotic pet species will be presented in a practical and applicable format. The inherent musculoskeletal and physiologic differences in avian, reptile and small exotic mammals will be explained with pertinent applications. Extrapolation of our basic chiropractic science with the idiosyncrasies of the given species can transform any atypical pet into a chiropractic patient.

**Lecture: Avian and Exotic Pet Medicine: Chiropractic Considerations for Common Conditions** The world of small animal medicine extends beyond the usual dog and cat patients, as should the chiropractic care. Many diseases commonly encountered in exotic pet species can benefit by integration of chiropractic care. This presentation provides an overview of these diseases and conditions to provide a foundation in the basic medicine as well as how chiropractic can benefit these patients. Some examples include metabolic bone disease in iguanas, adrenal disease in ferrets, otitis media in rabbits and egg binding in birds.

**Lecture: Chiropractic Care Of Pet Rabbits** Rabbits are popular pets that lend themselves well to chiropractic adjustment. The general anatomy and biomechanics of this species will be discussed pertaining to chiropractic application. Basic chiropractic techniques are presented for common medical conditions encountered in pet rabbits, including torticollis, hind limb paresis and gastrointestinal disorders. Certain precautions inherent to rabbit handling and restraint are also reviewed. After this presentation the chiropractic practitioner will have sufficient working knowledge of rabbit chiropractic care to integrate this species into their practice.

**Lab: Chiropractic Technique in Pet Rabbits** This lab will involve direct handling, restraint, palpation, and chiropractic manipulation of pet rabbits. The general anatomy and biomechanics of the species will be demonstrated pertaining to chiropractic application and technique. Certain precautions inherent to handling and restraint of the patients are also reviewed. Attending the Chiropractic Care in Pet Rabbit lecture would benefit the participants of this lab. At the conclusion of this laboratory, the chiropractic practitioner will possess working knowledge of rabbit chiropractic care with personal hands-on experience in order to effectively integrate rabbits into their practice.

**William Ormston, DVM** (Texas), an AVCA Certified Doctor. Dr. Ormston (Dr. O to most) is the eldest son of teachers from Marshalltown, Iowa. His love of animals comes from having grown up in an agricultural family. He was a leader in his 4H group and was well known in the state political circles as a bright young man. In 1988 he graduated from Iowa State University College of Veterinary Medicine with his DVM and was the youngest recipient of the Gentle Doctor Award given by that college. He started out in private practice and owned one in Hays, Kansas and one in Climax Springs, MO before moving to Celina, TX.

In 1998 he attended Options for Animals and earned his certificate in Animal Chiropractic. Following his move to Texas he found himself in need of continuing education for the American Veterinary Chiropractic Association and sponsored a conference in Dallas, TX at Parker Chiropractic College. Soon after this endeavor he founded the Animal Chiropractic Program at Parker Chiropractic College with the sponsorship of the continuing education department.

In conjunction with his partner Dr. Amy Hayek, he founded and currently teaches for Animal Chiropractic Education Source, the only online course with both AVCA approval and SCAV CE approval.



His speaking endeavors include the American Veterinary Medical Association, Equine Affair, the Hoosier Horse Fair, and the American Veterinary Chiropractic Association. He has published in numerous trade journals regarding animal husbandry, including the Holistic Horse, Animal Wellness, Equine Wellness, Canine Wellness and Elite Equestrian.

**Lecture: CNS Rules!!! Why Your Patients Do the Things They Do** The Central Nervous System rules the body and it has rules that it must follow in keeping the homeostasis of the body at levels suitable for optimal wellness. This presentation examines the rules that the CNS attempts to live by. Dr. Ormston will look at how alterations in CNS function results in organ dysfunction leading to symptoms of disease that result in lowered levels of comfort, well-being and shorter life spans. The health and well-being of our patients is directly tied to the health of the CNS.



**Menachem (Mac) Stein** (California) Earned a Master of Science degree in Physical Therapy (with emphasis on Exercise Pathophysiology) from University of Southern California, Oct. 1977. 3 years in cardiac Rehabilitation, 3 years of split academic and clinical faculty at the Beer Sheva University Rekanati School of Medicine. Returned to the US in 1984 to private practice in Simi Valley, California, specializing in orthopedic manual therapy including several years of guest lecturing (full semester elective course) at the CSUN Physical Therapy Dept. on joint mobilization.

My wife is a horse rider/competitor and breeder. In 1994, we moved to Santa Ynez, CA where we purchased a small horse ranch. Exposure to horse injuries and close contact with neighboring veterinarians and trainers led to increased interest and involvement in equine therapy. At the same time I became seriously involved with showing reined cow horses.

This is what actually opened my eyes to the types and extent of demands placed on these horses as well as to injury "management" routines. One gets to longitudinally observe West Coast 50-100 cow horses on a bi-monthly basis. By that time I was

semi-retired from human PT, which afforded me spending more time on horse injuries and therapy. A primary area of interest for me is how horses are managed by owners/trainers once they are removed from the vet or chiropractor. I have been an avid runner for 50 years now. I believe in eating right, not in taking supplements. I do not have an I-Pad. Orthopedic manual therapy has been very good to me and to my patients.

**Lecture: Mounted Back Up Exercises in the Quarter Horse: From Basic Conditioning to Management of Sacroiliac Joint Pain** Mounted back up exercises as essential component in foundation training and conditioning is under-rated by trainers of various equine breeds and disciplines. Properly performed, these exercised are also

effective in management of various degrees of sacroiliac joint pain. Particularly so for horses that respond well to an adjustment but return to the barn with minimal lameness, sometimes only felt by the rider but not observable. The skilled rider can be instructed in a home exercise program to complement the chiropractic treatment. It can also be employed in pre-competition warm up. The clinician has another tool to assist in diagnosis and management, including tele vet medicine.

**Dolores Tyneway-Robi, DVM, CVA, AVCA, CCRT**

(California), an AVCA Certified Doctor, Dr. Tyneway-Robi holds a B.S. in Animal Science from Cornell University. She graduated with honors from the University of Florida College of Veterinary Medicine in 1992. Postgraduate studies include an internship in small animal medicine and surgery at the world renowned Animal Medical Center in New York City. She became certified in veterinary acupuncture through the International Veterinary Acupuncture Society, is a certified Tuina practitioner and has studied classical acupuncture and herbal medicine with Dr. Xie at the Chi Institute.

She has studied veterinary homeopathy with Dr. Richard Pitcairn and is certified by the Canine Rehabilitation Institute as a Certified Canine Rehabilitation Therapist (CCRT). Additionally, Dr. Tyneway-Robi is certified in Veterinary Chinese Herbal Medicine through both the Chi Institute and the College of Integrative Veterinary Therapies

**Lecture: K9 Sports Medicine and Rehabilitation:**

**Syndromes, Injuries and Presentations** The purpose of this talk is to educate the veterinary chiropractor about

the most common injuries seen in dog sports (soft tissue and spinal) and the terminology used by the competitors. By understanding the lingo and challenges and changes of the sport one is better able to help advise and gain respect from competitors. Issues such as age appropriate training, the effect of early spay and neuter, jumping issues, to the movement to change course types and equipment. Also cutting edge therapies such as platelet rich plasma and stem cell therapy for tendon/ligament injuries and their application to these injuries.

