

**Dr. Grant Dewell** received his DVM from Colorado State University in 1993 and was in a primarily cow-calf practice in central South Dakota for 2 years. Following practice, he completed a Master's degree in Agriculture Economics at Colorado State University. Dr. Dewell then joined the faculty at the University of Nebraska's Great Plains Veterinary Education Center, in Clay Center, Nebraska for four years. He then returned to Colorado State University to complete a Ph.D. in Epidemiology with a focus on pre-harvest food safety in feedlot cattle. He is currently the Beef Cattle Extension Veterinarian at Iowa State University. Dr. Dewell's research interests are in pre-harvest food safety of beef cattle with a primary focus on E. coli O157, health management of feedlot cattle, and economic considerations for beef production operations. Dr. Dewell has provided training for veterinarians, extension personnel and livestock producers in Afghanistan, Pakistan and Serbia.

**Dr. Phillips** is a native Nebraskan who first attended University of Nebraska-Lincoln for undergrad and then Kansas State University College of Veterinary Medicine. Following vet school, Dr. Phillips worked at Twin Forks Veterinary Clinic in Benkelman, NE with Dr. Tom Noffsinger. He then completed a combined Therio/MS program at University of Missouri under Dr. Robert Youngquist. He attained his Diplomate status in 1990 in the American College of Theriogenologists. Following school, Dr. Phillips worked for ABS Global, first in cloning research and later as the Head Veterinarian for their global bull stud operations around the world. He later returned to practice as a partner in a 15 veterinarian practice in Wisconsin specializing in embryo transfer and herd health and later developed an AETA Certified embryo transfer practice which he still owns today. In June of 2013, Dr. Phillips came to Iowa State University College of Veterinary Medicine to head up their Theriogenology program and expand their current services and start ISU's first residency program in Theriogenology. Dr. Phillips is a retired Lieutenant Colonel of the U.S. Army reserves with 29 years of service. He has had numerous deployments as Commander of the 719th Med Det (VS) in Iraq and Afghanistan. In his spare time, Dr. Phillips enjoys motorcycling, golfing, flying and hunting with his wife Jammie.

Curriculum Vitae

## **Debra Ruffin Taylor**

Address:

1500 Wire Road

Auburn University, AL 36849 USA

Work phone: (334) 844-4490

Cell phone: (334) 332-2567

Email: ruffidc@auburn.edu

Education:

University of Kentucky Pre-veterinary curriculum – 3 years 1983- 1986

Auburn University Doctor of Veterinary Medicine June 1990

Auburn University Internal Medicine Residency-LA 1991-1994

Auburn University Master of Science May 2001

International Equine Podiatry Center Equine Podiatry 101 Course July 2004

Professional Qualifications:

American College of Veterinary Internal Medicine – Large Animal June 1995

Professional Activities:

Associate Professor, Large Animal Internal Medicine, Ambulatory Service

October 1, 2001 to present

Department of Clinical Sciences

College of Veterinary Medicine, Auburn University, AL

Assistant Professor, Large Animal Internal Medicine, Ambulatory Service

October 1, 1995 to September 30, 2001

Department of Clinical Sciences

College of Veterinary Medicine, Auburn University, AL

Graduate Student, Animal Health Research – Biomedical Sciences

June 1994 - September 30, 1995

Department of Pathobiology

College of Veterinary Medicine, Auburn University, AL

Resident, Large Animal Internal Medicine

July 1 1991 - June 1994

Department of Large Animal Surgery and Medicine

College of Veterinary Medicine, Auburn University, AL

Veterinary Practitioner

60% small animal, 25% food animal, 15% equine

July 1990 to June 1991

Countryside Veterinary Clinic, Opelika, AL

Scientific Organizations:

Phi Zeta –member 1989 - present

American Veterinary Medical Association – member, 1990 - present

American College of Veterinary Internal Medicine – member, 1995 – present

American College of Veterinary Internal Medicine – Certifying Exam Committee – 2001-2005

American College of Veterinary Internal Medicine – Exam Rating Committee – 2005-2008

American Association of Equine Practitioners - member

Honors:

2013 Continuing Educator of the Year – Equine, awarded by attendees of the 85th Annual Western States Veterinary Conference, Las Vegas, NV, February 2014.

2010 Continuing Educator of the Year – Equine, awarded by attendees of the 82nd Annual Western States Veterinary Conference, Las Vegas, NV, February 2011.

Auburn University College of Veterinary Medicine Phi Zeta Chapter, Research Emphasis Forum, Graduate Student Platform Presentation, October 1999

Department of Large Animal Surgery and Medicine, Auburn University, AL., UpJohn Award - large animal clinical proficiency February 1990

Auburn University College of Veterinary Medicine, DVM degree - Summa Cum Laude, June 1990

Public Service:

Board of Directors, Storybook Farm Therapeutic Riding Academy, Opelika AL, 36801, 2001-2005.

Offices Held:

Veterinary Equine Podiatry Group, Secretary, March 2014

Publications: (27)

Journal Articles:

Wooldridge AA; Edwards HG, Plaisance EP, Applegate R, Taylor DR, Taintor J, Zhong Q, Judd RL, Evaluation of High-Molecular Weight Adiponectin in Horses, American Journal of Veterinary Research, Vol. 73(8), 2012, pp. 1230-1240. (11-02-0057.R3, 2011).

Schumacher J, Taylor DR, Schramme MC, Schumacher J. Localization of Pain in the Equine Foot Emphasizing the Physical Examination and Analgesic Techniques. Proceedings of the American Association of Equine Practitioners, Vol. 58, 2012, pp. 138-156.

Taylor D, Sperandio A, Schumacher J, et. al. Clinical Outcome of 14 Obese, Laminitic Horses Managed with the Same Rehabilitation Protocol. Journal of Equine Veterinary Science, Vol. 34, 2014, pp.556-564.

Book Chapters:

Taylor DR, Veterinary Management of the Laminitic Patient, Chapter 12, pp , pp 210 – 231, Care and Rehabilitation of the Equine Foot, 1st ed., P Ramey, Hoof Rehabilitation Publishing, Lakemont, 2011.

Taylor DR, Radiographic Imaging of the Laminitic Patient, Chapter 13, pp 234-263, Care and Rehabilitation of the Equine Foot, 1st ed., P Ramey, Hoof Rehabilitation Publishing, Lakemont, 2011.

Floyd A and Taylor D, Veterinary and Nursing Care of the Laminitic Horse, Equine Laminitis, submitted to Editors Ray Goer and James Belknap

Presentations: (92)

Taylor, DR. Radiographic and Venogram Evaluation of the Laminitic Horse, 2008 Mid-America Veterinary Conference, October 3-5, 2008. Louisville, KY.

Taylor, DR. Padding Options for Stabilizing the Laminitic Horse, 2008 Mid-America Veterinary Conference, October 3-5, 2008. Louisville KY.

Taylor DR, Mechanical Advantages in the Management of Laminitis, 82nd Annual Western Veterinary Conference, February 17, 2010. Las Vegas, NV.

Taylor DR, Laminitis Management with Natural Hoof Care, 82nd Annual Western Veterinary Conference, February 17, 2010. Las Vegas, NV.

Taylor DR. Hoof Development and Rehabilitation: Observations from the Field. The Functional Hoof Australian Conference, February 2, 2011, University of Melbourne, Werribee Campus, Victoria, Australia.

Taylor, DR. Focus on the Ground Plane (Palmar/Plantar Angle). 85th Annual Western Veterinary Conference, February 21, 2013, Las Vegas, NV.

Taylor, DR. Every Hoof Has a Story: An In Depth Look at the Physical Examination of the Equine Hoof. 85th Annual Western Veterinary Conference, February 21, 2013, Las Vegas, NV.

Taylor, DR. Laminitis Rehabilitation: If the Corium is Happy, There is Hope. 85th Annual Western Veterinary Conference, February 21, 2013, Las Vegas, NV.

Schumacher J, Taylor DR, Schramme MC, Schumacher J. Localization of Pain in the Equine Foot Emphasizing the Physical Examination and Analgesic Techniques. 58th Annual American Association of Equine Practitioners Convention.

Taylor, DR. Clinical outcome of 14 obesity-associated laminitis cases managed with the same rehabilitation protocol. The 7th International Equine Conference on Laminitis and Diseases of the Equine Foot, November 2, 2013, West Palm Beach, FL.

Grants: (21)

The Effect of Palmar Angle on Breakover Acceleration of the Equine Forefoot, Birmingham Racing Commission; Gaughan, E, Ruffin, D, Gillette, R, Moorman, V. \$8600, January 2006.

Investigation of the structural variations of the equine hoof via MRI, CT and MIMICS 3D Computer Reconstruction, Easy Care Inc., Taylor DR,. \$2500, May 2009.

Evaluation of the Digital Cushion and Weight Bearing Surface of the Bovine Foot Following Changes in Housing and Management in Dairy Calves, Alabama Agricultural Experiment Station HATCH/Multistate Grant, Gard, JA, Rodning SP, Taylor DR and Wilhite R., \$50, 000, 2011- 2013.

Navicular Syndrome: Initial Pathological Changes Occur in the CPL's (chondropulvinale ligaments) and AVC' (arteriovenous complexes) of the Rostral Frog, American Quarter Horse Foundation, Bowker, RM, Isbell, D, Taylor DR. \$26,365, Oct 2012 – Sept 2013.

## **Gary Sides, Ph.D.**

Beef Cattle Nutritionist

Zoetis

Sterling, Colorado

Gary is one of the beef nutritionists with Zoetis. He has been with Zoetis (formerly Pfizer Animal Health) since 2003.

Dr. Sides has extensive beef industry experience, compiling more than 30 years working with organizations such as Intervet, Cargill Animal Nutrition, Moorman Manufacturing Company, Texas A&M and Utah State University.

Sides' professional affiliations include the American Registry of Professional Animal Scientists and the American Society of Animal Science. He has coauthored numerous papers and technical bulletins on estrus synchronization, feedlot growth promotion, effects of anti-microbials on feedlot health and performance, and parasite control in beef cattle, among other topics.

Sides earned his doctorate in ruminant physiology and nutrition from the University of Wyoming in 1980 and both his B.S. (animal science) and M.S. (beef cattle nutrition) from New Mexico State University. Gary is a native of New Mexico and grew up working on family farms and ranches near Roswell and Magdalena.

He currently lives in Sterling, Colorado, with his wife Coleen. They are the parents of four sons and the grandparents of two (a girl and a boy).

## **Biography: Temple Grandin, Ph.D**

Dr. Grandin is a designer of livestock handling facilities and a Professor of Animal Science at Colorado State University. Facilities she has designed are located in the United States, Canada, Europe, Mexico,

Australia, New Zealand, and other countries. In North America, almost half of the cattle are handled in a center track restrainer system that she designed for meat plants. Curved chute and race systems she has designed for cattle are used worldwide and her writings on the flight zone and other principles of grazing animal behavior have helped many people to reduce stress on their animals during handling.

She has also developed an objective scoring system for assessing handling of cattle and pigs at meat plants. This scoring system is being used by many large corporations to improve animal welfare. Other areas of research are: cattle temperament, environmental enrichment for pigs, reducing dark cutters and bruises, bull fertility, training procedures, and effective stunning methods for cattle and pigs at meat plants.

She obtained her B.A. at Franklin Pierce College and her M.S. in Animal Science at Arizona State University. Dr. Grandin received her Ph.D in Animal Science from the University of Illinois in 1989. Today she teaches courses on livestock behaviour and facility design at Colorado State University and consults with the livestock industry on facility design, livestock handling, and animal welfare. She has appeared on television shows such as 20/20, 48 Hours, CNN Larry King Live, PrimeTime Live, 60 Minutes, the Today Show, and many shows in other countries. She has been featured in People Magazine, the New York Times, Forbes, U.S. News and World Report, Time Magazine, the New York Times book review, and Discover magazine. In 2010, Time Magazine named her one of the 100 most influential people. Interviews with Dr. Grandin have been broadcast on National Public Radio and she has a 2010 TED Lecture titled "The World Needs ALL Kinds of Minds." She has also authored over 400 articles in both scientific journals and livestock periodicals on animal handling, welfare, and facility design. She is the author of "Thinking in Pictures", "Livestock Handling and Transport," "Genetics and the Behavior of Domestic Animals," and "Humane Livestock Handling." Her books "Animals in Translation" and "Animals Make Us Human" were both on the New York Times best seller list. "Animals Make Us Human" was also on the Canadian best seller list. Her life story has also been made into an HBO movie titled "Temple Grandin, starring Claire Danes," which won seven Emmy awards and a Golden Globe. The movie shows her life as a teenager and how she started her career.

This web page was put up to educate people throughout the world about modern methods of livestock handling which will improve animal welfare and productivity. You have permission to copy articles, pictures, and diagrams. Please acknowledge Temple Grandin

Dr. Todd McCracken attained his Bachelor of Science and Doctorate in Veterinary Medicine from Kansas State University. After graduating from veterinary school in 1993, he spent a short time as a mixed animal practitioner in Illinois, gaining experience with large-scale production facilities. Electing to return to the Kansas City area, he pursued an emphasis in companion animal medicine, joining a small animal practice, working as the associate veterinarian for 5 years. During that time, he also owned and operated a critical care facility for 2 years. He then became a Chief of Staff and Hospital Director in a multi-location companion animal hospital, where he broadened his management focus, opening a hospital in the Kansas City area, in 1998.

He joined Fort Dodge Animal Health in April of 1999 as a manager in the Professional Services division, having primary responsibilities and emphasis in the companion animal technical support arena. In April of 2001, he was promoted to Manager of Corporate Accounts, where he functioned to provide technical support for one of Fort Dodge Animal Health's largest companion animal corporate accounts. In May of 2004, he was again promoted, becoming the Associate Director of Corporate Accounts, where he served to coordinate all educational processes and interactions between FDAH and these corporate accounts.

Professional Biography for Dr. Todd G. McCracken

**Dr. Todd McCracken** attained his Bachelor of Science and Doctorate in Veterinary Medicine from Kansas State University. After graduating from veterinary school in 1993, he spent a short time as a mixed animal practitioner in Illinois, gaining experience with large-scale production facilities. Electing to return to the Kansas City area, he pursued an emphasis in companion animal medicine, joining a small animal practice, working as the associate veterinarian for 5 years. During that time, he also owned and operated a critical care facility for 2 years. He then became a Chief of Staff and Hospital Director in a multi-location companion animal hospital, where he broadened his management focus, opening a hospital in the Kansas City area, in 1998.

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Dr. McCracken joined the Boehringer Ingelheim family following the acquisition of the Fort Dodge Animal Health in 2009. He currently serves as the Senior Professional Services Veterinarian for the North Central Region, traveling the country to provide educational support to the Boehringer Ingelheim product line with varying key accounts.

He resides in a suburb of Kansas City with his wife of 23 years, Chris, along with their 2 children, Megan and Madison. They have a small Yorkie, named "Molly

## **Joseph W. Bartges - BS, DVM, Ph.D., DACVIM, DACVN**

Dr. Joseph Bartges

Professor, Medicine & Nutrition

The Acree Chair of Small Animal Research

Department of Small Animal Clinical Sciences

College of Veterinary Medicine

The University of Tennessee

C247 Veterinary Medical Center

2407 River Drive

Knoxville, TN 37996

Phone: 865.974.8387

FAX: 865.974.5554

Email: [jbartges@utk.edu](mailto:jbartges@utk.edu)

Links

Nephrology and Urology

Education

B.S., Marshall University, 1983

D.V.M. University of Georgia, 1987

Ph.D., University of Minnesota, 1993

#### Training

Internship in small animal medicine and surgery - University of Minnesota

Residencies in small animal internal medicine and nutrition - University of Minnesota

#### Teaching

My teaching interests include training of veterinary students, graduate students, interns, and residents, promoting active learning in the classroom and clinics, and continuing education of veterinarians, veterinary nurses, and the general public.

#### Clinical Interests

My clinical interests are in internal medicine with emphasis on urology and nephrology. I am also interested in clinical nutrition with emphasis on the role of nutrition in the management of diseases.

#### Research Interests

My research interests include: urinary tract disease particularly urolithiasis, urinary tract infections, kidney failure and idiopathic lower urinary tract disease in cats, the role of nutrition in prevention of disease, diseases of the urinary system with special emphasis on development and evaluation of models of disease, and nutrition and metabolism with emphasis on obesity, hepatic lipidosis, and disorders of lipid metabolism.

#### Publications

Selected Works of Joseph Bartges

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**Dr. Kevin Fitzgerald** is best known for his eleven seasons as one of the veterinarians featured on Animal Planet's popular Emergency Vets and E-Vet Interns. He has been staff veterinarian at the busy VCA Alameda East Veterinary Hospital in Denver for nearly 30 years. In addition, he has hosted Denver Channel 2's Animal House segment on Daybreak at the Deuce every Monday morning since 2002.

Dr. Fitzgerald lectures nationally and internationally at veterinary conferences and veterinary colleges on a variety of topics ranging from toxicology to emergency medicine to care of exotic species. Since receiving his Ph.D. in comparative endocrinology from the University of Colorado in 1978 and his veterinary degree from Colorado State University in 1983, he has published more than 150 scientific journal articles and 41 veterinary textbook chapters. Currently, he writes columns for American Kennel Club Family Dog Magazine and Police K9 Magazine. He has served on the Board of Directors of the Rocky Mountain Poison Center Foundation, as President of the Denver Area Veterinary Medical Society, has been trustee on the Board of Directors of the Denver Zoo since 2009, and serves as consultant to the Smithsonian Institution for veterinary matters and for endangered species world-wide. Fitzgerald has taught his well-attended "Perspectives in Veterinary Medicine" class at the University of Denver to hundreds of students since 1985. In 2006 he was awarded the "Spirit Award" of the Specialists in Private Practice and Hills Dog Food for Specialist of the Year in private practice. Since 2007, he has assisted in 10 animal expeditions ranging from Antarctica to Mongolia to Manitoba focusing on conservation to endangered species. During college and graduate school, Fitzgerald worked as a bouncer on rock band tours for promoters Barry Fey and Bill Graham. During this time he did security for such diverse acts as Willie Nelson, The Who, Parliament-Funkadelic, and the Rolling Stones.

Apart from his veterinary side, Dr. Fitzgerald is an accomplished stand-up comedian who performs nationally. His credits include opening for Bob Hope, Jeff Foxworthy, and George Lopez, as well as multiple appearances with Joan Rivers, Kevin Nealon, and Dennis Miller. He believes that none of us laugh enough and that we are all stewards of animal life on this planet.