

**Dr. George Perry**

**Professor, beef reproductive management specialist, South Dakota State University.** Dr.

Perry was raised in south-central Texas on a small cattle operation. He received his bachelor's degree in animal science from Texas A&M University. He obtained a master's degree and a doctoral degree in reproductive physiology from the University of Missouri, with a large portion of his doctoral research conducted at the USDA research station in Miles City, Mont. Dr. Perry joined the faculty of South Dakota State University in August 2003. He now serves as a professor and the beef Extension specialist in reproductive physiology. His research efforts are in the area of factors that influence reproductive efficiency, pregnancy success, and embryo mortality. Some of his current research has focused on understanding why variations occur between herds.

Mark F. Spire DVM, MS, DACT

Merck Animal Health

Manager, Technical Services

1612 Beechwood Terrace

Manhattan, KS 66502

785.564.0077 (cell)

785.537.3067 (fax)

mark.spire@merck.com

Dr. Mark Spire is a Professor emeritus of Kansas State University's College of Veterinary Medicine. While at KSU he served a section head of Agricultural Practices, Director of the Embryo Transfer Unit and as Assistant Director of the Kansas Veterinary Diagnostic Laboratory. He held the W.S. and E.C. Jones Chair in Production Medicine and Epidemiology. His clinical work centered on cow herd management, replacement heifer and bull development and management and stocker cattle health and performance management. His research efforts at KSU were directed toward beef quality assurance, feedlot and stocker health and management, animal disease surveillance, and the development of technologies using infrared thermography as a remote, non-invasive diagnostic tool to assess cattle and swine health and performance totaling over \$12 million in research awards. He has authored or co-authored over 120 scientific publications and many trade articles. Following retirement in 2005 from KSU, Dr. Spire began working as a Technical Services Manager in the Large Animal Business Unit of Schering-Plough Animal Health, now Merck Animal Health. For MAH, he works with the South East and South Central Regional Business Units focusing on cow/calf and stocker clientele, sales support and training, and research and development support functions in the bio and anti-infective programs. Dr. Spire earned his BS at West Texas State University, MS at Kansas State University, and DVM at Texas A&M University. He served as the Post Veterinarian for Fort Leavenworth, KS while a Captain in the United States Army. He is board certified in Theriogenology. He is a past president of the American Association of Bovine Practitioners and holds membership in the AABP, AVC, AVMA, Kansas VMA, NCBA, KLA, TSCRA, ACT and SFT serving in various capacities on committees, committee chairmanships, task forces, elected offices and Boards of Directors. He received numerous awards including the 2010 AABP/Pfizer award for Distinguished Service. In 2013, he received recognition by Bovine Veterinarian as one of the 20 most influential cattle veterinarians of the last 20 years.

Dale Miskimins (Dale)

Professor

General Position Description:

Veterinary Pathologist

Specialty Area:

Professor

Areas of Study/Academic Interests:

Diseases of cattle and swine

Education:

Iowa State University - DVM, 1978

Iowa State University - MS, 1984

Professional Memberships:

AVMA, SDVMA, AAVLD, AABP, AASV, Academy of Veterinary Consultants

Committee Activities:

AABP - Lameness Committee

Awards & Honors:

Western Conference of Veterinary Diagnostic Pathologists - President elect 2011-2012

## Hans Coetzee Biography

Dr. Hans Coetzee is a Professor in the Department of Veterinary Diagnostic and Production Animal Medicine at Iowa State University. He obtained his Bachelor of Veterinary Science degree from the University of Pretoria, South Africa in 1996. After graduation he worked for four years in mixed animal practice in Northern Ireland followed by 2 years in pharmaceutical research and development at Norbrook Laboratories Ltd. He received a specialist Certificate in Cattle Health and Production from the Royal College of Veterinary Surgeons (London) in 2000 and a doctorate in Veterinary Microbiology from Iowa State University in 2005. He holds board certification in Veterinary Clinical Pharmacology and Animal Welfare and his professional interests include the development of analgesic drug regimens for use in food animals and therapy of bovine anaplasmosis. He has published over 90 peer-reviewed papers and received over \$6 million in research funding. In his free time he enjoys spending time with his wife and chasing after his twin daughters.

**Lee-Bob Harper, DVM**, is an Associate Director with the Beef Strategic Technical Services team at Zoetis. As part of the Zoetis team, Harper consults with and assists feedlot operations in managing all aspects of their businesses. In addition, Dr. Harper leads a team of Zoetis professionals including veterinarians, nutritionists, a meat scientist and a geneticist.

Harper is particularly well versed in population medicine, anti-microbial resistance management and the proper use of anti-infectives. He was an associate veterinarian at Hansford County Veterinary Hospital in Spearman, Texas. In addition to mixed-animal medicine, Harper consulted with feedlot, stocker and cow/calf operators in all areas of preventive health and health management to enhance overall success of his clients' operations.

Originally from Gruver, Texas, Harper received both his bachelor's (Magna Cum Laude) degree and DVM (Cum Laude) from Texas A&M University. Raised on a five-generation farming and ranching operation near Gruver, Texas, Harper has life-long experience in beef production, including feedlot, stocker and cow/calf enterprises. He and his wife, Jennifer, currently reside in Gruver, TX with their two sons, Leo (11) and Max (10), and a daughter, Natalie (6).

### **Brief biographical sketch – Geof Smith**

Geof Smith grew up in South Carolina and received a BS in animal and dairy science from Clemson University in 1994. From there he received a MS in toxicology from University of Illinois in 1996 and a DVM in 1998. Following graduation, Geof remained at the University of Illinois for another 4 years while he completed an internship and residency in ruminant internal medicine along with a PhD in physiology. In 2002 Dr Smith joined the faculty at North Carolina State University and is currently a Professor of Ruminant medicine in the Department of Population Health & Pathobiology. He is a Diplomate of the American College of Veterinary Internal Medicine (ACVIM) and his primary clinical and research interests revolve around clinical medicine of ruminants with a specific focus on calf health.

Dr. Patrick earned his Doctor of Veterinary Medicine degree from the University of Illinois in 1999. After graduation, he went into mixed animal practice as an associate veterinarian in Waterloo, IL. Following this, he practiced for over 11 years in Collinsville IL. During his time in Collinsville, he moved from the role of associate veterinarian to Managing Veterinarian, in charge of both the medical and business direction of the hospital. He held this position for five years before coming to Bayer as a Senior Technical Services Veterinarian. While at Bayer, he participated in the Institute for Healthcare Communications' five day training course in June of 2013, as well as Facilitation Training in Shawnee, KS. He has presented information on numerous clinical, product related and communications topics to practitioners and technicians at VMA meetings, veterinary clinics and roundtables throughout the Midwest.

## **Dr. Dennis Chew**

Dr. Chew is a 1972 graduate of the College of Veterinary Medicine at Michigan State University. He did a one-year internship at South Weymouth Veterinary Associates and a two-year residency in internal medicine and nephrology at the Animal Medical Center in New York City. He became a Diplomate of the American College of Veterinary Internal Medicine in 1977. Dr. Chew was an attending veterinarian at The Ohio State University College of Veterinary Medicine Teaching Hospital for 36 years and is now Professor Emeritus. Most of his work in clinics, research and publications involves urology/nephrology in small animals. He has special interest in urinary endoscopy, disorders of calcium metabolism, treatment of renal secondary hyperparathyroidism, and idiopathic/interstitial cystitis of cats. He has been the author of over 100 peer-reviewed publications and 2 editions of the Manual of Nephrology and Urology in Small Animals.

Dr Sinisa Grozdanic DVM, PhD, Dipl ACVO - Biography

Dr Grozdanic obtained his veterinary degree from the University of Belgrade, Serbia in 1998. Following his basic veterinary education, he obtained his doctor of science degree (PhD) in the field of neuroscience (2002) and finished his clinical veterinary ophthalmology residency in 2007 at the Iowa State University (ISU). Dr. Grozdanic was an assistant professor and staff ophthalmologist with the Department of Veterinary Clinical Sciences at ISU (2007-2011) and served as a Director of Animal Research for the Department of Veterans Affairs Center of Excellence in the period from 2009-2012.

Dr Grozdanic published 31 manuscripts and one book chapter in the field of glaucoma, neuroprotection, autoimmune retinal disease, ocular imaging and stem cell therapy for blinding ocular diseases. He also gave more than 50 national and international presentations, and continuing education courses on advanced diagnostic and treatment modalities for different eye diseases on different continents.

Dr. Grozdanic also has the distinguished honor of being the first veterinary ophthalmologist in North America to perform artificial corneal transplants in a veterinary patient and he has developed numerous novel diagnostic and treatment routines for different canine, feline and equine ocular diseases. He is actively consulting for US Department of Defense and Secret Service canine units, and he also provided free consulting to more than 100 veterinary ophthalmologists from 6 different continents on more than 400 complex veterinary ophthalmology clinical cases. Dr Grozdanic is actively involved in research projects related to novel surgical glaucoma devices, biodegradable drug delivery systems, novel biological therapies for treatment of uncontrollable autoimmune diseases and development of diagnostic tests for hereditary glaucoma screening in different canine breeds.

Dr Grozdanic performs all complex extraocular (eyelid and corneal surgeries) and intraocular (cataract,

glaucoma and vitreo-retinal surgeries) procedures. His special interests include early diagnostic modalities for glaucoma and retinal diseases, advanced medical and surgical procedures for treatment of glaucoma, endoscopic ocular and orbital surgeries, laser therapy for different ocular diseases, special therapies for autoimmune retinal diseases, and stem cell based therapies for blinding ocular diseases.

Dr Grozdanic works in several ophthalmology services on monthly basis: Sioux City, IA, Fargo ND, Belgrade – Serbia (Europe), Dubuque, IA and regularly sees daily and weekly patients in Cedar Rapids, IA and Bettendorf-Quad Cities region, IA