

CURRICULUM VITAE

NAME: Jonathan Hale Foreman

EDUCATION:

1974-1977	College of William and Mary Bachelor of Science, Biology, 1978
1977-1981	University of Georgia Doctor of Veterinary Medicine, 1981
1981-1984	Washington State University Master of Science, Veterinary Science, 1984

Thesis: Physiological Responses of Thoroughbred Horses to Conventional Race Training

BOARD CERTIFICATION: American College of Veterinary Internal Medicine,
Specialty of Internal Medicine, 1986

LICENSES HELD: Illinois
Fédération Equestre Internationale (FEI), Licensed Official
Veterinarian (Eventing, Reining), Lausanne, Switzerland

PRESENT POSITION:

2007-	Associate Dean for Academic and Student Affairs University of Illinois at Urbana-Champaign College of Veterinary Medicine 2001 South Lincoln Avenue Urbana, Illinois 61802
2004-	Professor (indefinite tenure), Equine Internal Medicine University of Illinois at Urbana-Champaign College of Veterinary Medicine Department of Veterinary Clinical Medicine 1008 West Hazelwood Drive Urbana, Illinois 61802

PREVIOUS POSITIONS:

1981-1982	Intern, Equine Medicine and Surgery Washington State University
1982-1984	Resident, Equine Medicine Washington State University

- 1984-1985 Visiting Assistant Professor, Equine Internal Medicine
North Carolina State University
- 1985-1991 Assistant Professor, Equine Internal Medicine
University of Illinois at Urbana-Champaign
- 1991-2004 Associate Professor (indefinite tenure), Equine Internal Medicine
University of Illinois at Urbana-Champaign

ADDITIONAL TRAINING:

Intensive Care Neonatology Rotation. Sacred Heart Medical Center and Deaconess Medical Center. Spokane, Washington, August 31-September 26, 1983.

Sabbatical Leave. The Ohio State University Equine Exercise Physiology Laboratory. Columbus, Ohio, September 1994-May 1995.

VETERINARY STUDENT EXTERNSHIPS/EMPLOYMENT:

Old Dominion Small Animal Clinic. Warrenton, Virginia, May-September 1975
 Old Dominion Small Animal Clinic. Warrenton, Virginia, June-September 1976
 Mayo and Rofe Equine Clinic, Inc. Middleburg, Virginia, May-September 1977
 Mayo and Rofe Equine Clinic, Inc. Middleburg, Virginia, July 1978
 Spendthrift Farm (W. Thomas Riddle, DVM). Lexington, Kentucky, July 1980
 Irish National Stud (Michael Osborne, MRCVS). Co. Kildare, Ireland, February-March, 1981
 Cosgrove & Associates (Stan Cosgrove, MRCVS). Co. Kildare, Ireland, February-March, 1981
 Brian O'Sullivan, MRCVS. Co. Kildare, Ireland, February-March, 1981
 Rossdale and Partners (Peter D. Rossdale, MA, FRCVS). Newmarket, England, April 1981

HONORS:

Phi Eta Sigma, 1974
 Phi Sigma, 1977
 Phi Beta Kappa, 1977
 Phi Zeta, 1980
 James O. Scaife, Jr. Memorial Award for the Outstanding Junior Veterinary Student, 1980
 Gamma Sigma Delta, 1981
 Phi Kappa Phi, 1981
 Magna cum laude Graduate, 1981
 Blue Key National Honor Fraternity, 1981
 Thomas R. Pelley Endowed Memorial Award, 1982
 Who's Who in Frontiers of Science and Technology, 1985
 Sigma Xi, 1990
 Vice Chancellor for Academic Affairs Teaching Scholar, 1990-1991
 Norman and Helene Levine Award for Research Excellence, 1992
 Invited to be an Attending Veterinarian for the 1996 Olympic Summer Games CCIO****

Three-Day Events (team and individual competitions) and Modern Pentathlon, Atlanta, Georgia, July 16-27, 1996

Research Excellence Award, College of Veterinary Medicine, University of Illinois, 1998

Campus Award for Excellence in Graduate and Professional Teaching, 2003

Invited Draper, White Coat Ceremony, College of Veterinary Medicine, University of Illinois, 2004, 2005

Invited Hooder, Commencement, College of Veterinary Medicine, University of Illinois, 2005, 2006, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2016

Invited Member. *USA Reining Veterinary Panel*, to determine fitness and soundness of reining horses chosen to represent USA in the *World Equestrian Games* in Lexington, Kentucky. Columbus, Ohio, September 2010.

Invited to be Emergency and Triage Veterinarian for the 2010 *World Equestrian Games* CICO**** Eventing Championships and CDIO**** Driving Championships, Lexington, Kentucky, October 1-2 and 8-9, 2010

Invited Member. *USA Reining Veterinary Panel*, to determine fitness and soundness of reining horses chosen to represent USA in the *World Equestrian Games* in Normandy, France. Columbus, Ohio, August 11, 2014.

List of Teachers Ranked as Excellent by Their Students, University of Illinois:

VCM 604 Equine Medicine and Surgery Clinics: 1988

VCM 629 Veterinary Clinical Orientation II: 2002, 2005, 2007, 2008, 2009

VCM 633 Equine Internal Medicine: 1991, 1992, 1993, 1995, 1998, 1999, 2002, 2003, 2004, 2006, 2007, 2008

VCM 364 Equine Internal Medicine: 1987, 1988, 1989

VCM 369 Equine Senior Clinics: 1988

VCM 692 Special Problems (veterinary students): 1988, 1989, 1990, 1991

VCM 681 Advanced Equine Internal Medicine: 1988, 1989, 1990, 1991, 1992, 1993, 1994, 1996, 1998, 2002, 2007

VCM 577 Large Animal Internal Medicine Residents Seminar: 1990

VCM 592 Special Problems (graduate students): 1990

VCM 608 Equine Veterinary Husbandry: 2011

VCM 674 Equine Exercise Physiology: 2010, 2011, 2015

VM 630 Veterinary Medical Ethics: 2008, 2009

VM 604 Structure and Function III: 2010

MEMBERSHIPS HELD:

American Association of Equine Practitioners

American Veterinary Medical Association

Illinois State Veterinary Medical Association

LAY MEMBERSHIPS HELD:

Indiana Hunter Jumper Association

Little Illini Soccer Club, Coach 1997-2011, Treasurer 1998-2003

Mid State Illinois Hunter Jumper Association, Treasurer 1998-2004

TEACHING:

Undergraduate:

University of Illinois NIH/USDA CSRS Summer Research Apprenticeships:

1988	Diana Favors, Chicago, Illinois
1989, 1990	Taija Woods-Crenshaw, Chicago, Illinois
1991	Tracey Burks, Chicago, Illinois
1992	Christopher Bozeman, University Park, Illinois
1992	Silvia Salgado, Chicago, Illinois
1993	Kevin Butler, Chicago, Illinois
1993	Virginia Walgren, Riverton, Illinois
1994	Austin Wheatley, Milan, Illinois

University of Illinois Undergraduate Mentoring in Environmental Biology:

2003	Julia Ryseff
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University of Illinois College of Agriculture, Consumer, and Environmental Sciences:

1988	AS 211B	Breeding Animal Evaluation, Lecture: Laminitis
	AS 306	Equine Science
1992-		Laboratories: Treadmill Examinations for Poor Performance
1997-		Lectures: Exercise Intolerance, Thermoregulation

University of Illinois College of Liberal Arts and Sciences

2012	MCB 199	Introduction to Health Professions
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Southern Illinois University-Carbondale Alumni Association Externship Program:

2008	Lydia Penrod
2010	Grace Cameron
2010	Jessica Riggs

Parkland College Veterinary Technician Program:

1985-2007	VTT 212	Parkland College veterinary technician student clinics
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Veterinary:

Washington State University:

1983	VMS 462	Large Animal Internal Medicine, Junior Lectures: Colic
1982	VMS 478	Equine Theriogenology, Junior Laboratory
1981-1984	VMS 570	Basic Equine Medicine and Surgery, Senior Clinic
1982-1984	VMS 571	Advanced Equine Medicine and Surgery, Senior Clinic

North Carolina State University:

1984-1985	VMF 816	Preventive Health and Management I, Freshman Laboratory
1984-1985	VMF 836	Preventive Health and Management II, Sophomore Laboratory
1984-1985	VMF 856	Preventive Health and Management III, Junior Laboratory
1984-1985	VMF 872	Equine Medicine and Surgery, Senior Clinic
1985	VMM 895	Senior Paper Advisor

University of Illinois:

1985-2011	VCM 604	Equine Medicine and Surgery, Senior Clinic
1988-	VCM 624	Bereavement in Veterinary Practice: Large Animal Euthanasia
2002-2009	VCM 629	Veterinary Clinical Orientation II, VM1 Lecture/Laboratory Lectures: Biosecurity/Zoonoses Horse Breeds, Colors, and Markings Ethical Problems in Horse Practice Applied Neck and Neuroanatomy Applied Respiratory Anatomy Clinical Case Report Reviews Laboratory 1 Orientation: Physical Examination Laboratory 2 Orientation: Basic Equine Diagnostic Techniques I Laboratory 3 Orientation: Basic Equine Diagnostic Techniques II Laboratories: 1: Physical Examination 2: Basic Equine Diagnostic Techniques I 3: Basic Equine Diagnostic Techniques II
	VCM 633	Internal Medicine, VM3 Lectures:
1985-2010		Equine Neurology
1986-2010		Equine Respiratory Medicine
1986-2010		Equine Dermatology
1988-2010		Equine Neonatology
1989	VCM 355	Large Animal Surgery, VM3 Lectures: Equine Respiratory Surgery Equine Conformation
1985-2002	VCM 362	Clinical and Laboratory Practice, VM3 Lecture/Laboratory Lectures: Equine Restraint Basic Diagnostic Procedures
1986-2001	VCM 366	Critical Care and Emergency Medicine, VM3 Clinic
1987-2001		Lectures: Equine Emergency Diseases
1988-1992	VCM 378	Veterinary Clinical Orientation, VM1 Rounds
1988-	VCM 681	Advanced Equine Internal Medicine, VM4 Elective
	VCM 397	Advanced Equine Lameness, VM4 Elective
1988-1990		Lectures: Exercise Physiology
1993		Fitness Evaluation
1988-1989		Laboratory: Exercise Physiology

1992-1993	VP 330	Veterinary Medical Ethics, VM1 group discussions
1994	VP 331	Bacteriology, VM1 Laboratory: Equine Strangles
1991-1996	VP 341	Food Hygiene and Public Health, VM2 group discussions: Equine Zoonotic Diseases
1990-1991	VB 317	Physiology-Pharmacology, VM2 laboratory
2005-2011	VB/CB 626	Companion Animal Nutrition, VM3 lectures
2007-2010	VM 630	Veterinary Medical Ethics, VM2 lectures
2007	VM 642	Contemporary Issues in Veterinary Medicine, VM1 discussions
2007-2009	VB 610	Equine Neuroanatomical Localization, VM1 lecture
2007-2008	VCM 628	Illinois State Veterinary Practice Act, Honor Code, VM1 lecture
2010-	VCM 608	Veterinary Equine Husbandry (6-7 lectures), VM1 elective
2010-	VCM 674	Equine Exercise Physiology (14 lectures), VM1 elective

Illinois Integrated Veterinary Professional Curriculum (began in Fall 2009):

2009-	VM 601	Clinical Practice I: VM1 clinics, Equine Medicine & Surgery Colloquium Lectures: Careers in Equine Practice University/College Ethics/Honor Code
	VM 603	Structure and Function II Lectures: Equine gastrointestinal physiology (2 hours) Equine thoracic anatomy laboratory Equine cardiovascular exercise physiology (2 hours)
2011- 2012 2015-		
2011-2012 2015		Clinical Correlations: Upper airway anatomy and physiology Equine colic case (2 hours)
	VM 604	Structure and Function III Clinical Correlations: Applied head and neck anatomy Upper airway anatomy and physiology
2010-2011		
2010- 2010-2013 2010-	VM 606	Clinical Practice II: VM1 clinics, Equine Medicine & Surgery Colloquium Lectures: Veterinary Ethics (n=6) Objective Structured Clinical Examinations (OSCE) examiner
2011-2013, 2015- 2011-2015 2011 2015-	VM 609	Equine Neonatology Equine Neurology Small Animal Neurology (on-line course coordinator) Equine Respiratory Medicine (moved from VM 611)
2011-	VM 610	Equine Dermatology
2012- 2016-	VM 611	Equine Respiratory Medicine Equine Neurology (moved from VM 609)
2012-	VM 612-616	Clinical Practice III-VII

2012- Clinical rotations in Equine Internal Medicine
 2012- Objective Structured Clinical Examinations (OSCE) examiner
 2016- Imaging rounds: Small animal abdominal and thoracic imaging

2013-2014 VM 617 Professional Development

UIUC Work Study/Graduate Assistantships:

1989-1991 Joanne Bergren
 1991-1994 Sally Banner
 1991-1994 Kathryn Tyler

UIUC NIH/Merial Summer Research Training Program, College of Veterinary Medicine

2011 Benjamin Bergstrom

Other Professional:

University of Illinois College of Law:

2010, 2013 Law 793 The Use of Expert Witnesses at Trial

Graduate:

VCM 577 Current Topics in Large Animal Internal Medicine
 1990 Cardiopulmonary Medicine (15 hours)
 1990-1991 Immunology (30 hours)
 1991-1992 Acid-Base and Electrolyte Disorders
 1993, 2005 Respiratory Physiology (15 hours)
 1993 Pulmonary Medicine (15 hours)
 1993 Gastrointestinal Ulcers
 1993 Equine Gastrointestinal Motility
 1994, 2001, 2006 Equine Viral Arteritis
 1994, 2001, 2006 Purpura Hemorrhagica
 1994 Hepatoencephalopathy
 1994 Cervical Vertebral/Occipitoatlantoaxial Malformation
 1996, 1999 Respiratory Physiology (4 hours)
 1996, 1999, 2002 Equine Respiratory Viruses
 1997, 2000, 2005, 2008, 2011, 2014 Neuroanatomical Lesion Localization (2 hours)
 1997, 2000, 2005, 2008, 2011, 2014 Cerebral Diseases (2 hours)
 2000, 2005, 2008, 2011, 2014 Equine Leukoencephalomalacia
 2005 Bovine Polioencephalomalacia
 2011, 2014 Nigropallidal encephalomalacia
 1997, 2000, 2005, 2008 Hyperkalemic Periodic Paralysis
 1997, 2000, 2005, 2008 White Muscle Disease

2014		Tetanus
2014		Botulism
1998, 2003, 2007		Equine Viral Arteritis
1998, 2003, 2007		Equine Purpura Hemorrhagica
2001, 2003, 2006, 2009, 2012, 2015		Cardiovascular Physiology (2-4 hours)
2001, 2003, 2006, 2009, 2012		Cardiac Arrhythmias (Atrial Fibrillation)
2006, 2009, 2012		Acquired Cardiac Disease (Valvular Insufficiencies)
2006		Fumonisin Cardiopulmonary Toxicities
2010, 2013		Immunodeficiencies (equine)
2011, 2014		Meningitis
	VCM 484/584	Current Topics in Large Animal Surgery, residents' course
1987		Equine Cervical Vertebral Disease
1990		Equine Exertional Myopathy
1992		Cardiopulmonary Exercise Physiology
1995		Treadmill Evaluation of Upper Respiratory Tract Obstruction
2002, 2011, 2014		Neuroanatomical Lesion Localization (2 hours)
2002		Equine CNS Differentials: Cervical Vertebral Malformation
2011		Meningitis
2011		Equine Gastrointestinal Physiology
2013		Upper Airway Physiology and Pathophysiology
2014		Neuroanatomical Lesion Localization (2 hours)
2014		Dermatology
2010-	VCM 503	Equine Medicine Journal Seminar
	VCM 491	Small Animal Internal Medicine Residents Seminar
1987		ACVIM Board Certification Process
1993		Equine Neonatology
	VCM 493	Special Problems:
1997		General Physiology Review (15 hours)
2002		Clinical Case Presentations
	PhD Committees, College of Agricultural, Consumer, and Environmental Sciences (formerly College of Agriculture), Department of Animal Sciences	
1986-1988		Peggy Miller, PhD
1994-1998		Leonard Frey, PhD
	PhD Committees, Department of Pathobiology (formerly Veterinary Pathobiology)	
2004-2009		Luke Borst, PhD

MS Committees, Department of VCM

1986-1988	Augusto Barange, MS (Major Advisor)
1986-1988	Philip Johnson, MS
1987-1990	Scott Austin, MS (Major Advisor)
1989-1991	Kathleen Ewert, MS
1990-1992	Scott Pleasant, MS
1990-1992	Brendon Bell, MS
1990-1993	Maureen Long, MS
1993-1996	Tamara Grubb, MS
1993-2002	Carol Vischer, MS (Major Advisor) Pfizer Resident Research Abstract Award, 1996 ACVIM Forum
1993-1998	Pamela Walker, MS Pharmacia-Upjohn Food Animal Research Excellence Award, 1997 ACVIM Forum
1996-1998	Prawit Butudom, MS (Major Advisor)
1999-2002	Kathy Thomas, MS (Major Advisor)
1999-	Courtney Ahern
2005-2009	Cristobal Navas de Solis, MS (Major Advisor)
2011-2012	Katherine McGovern, MS
2011-2014	Eva-Christina Schliewert, MS
2013-2016	Breanna Sheahan, MS
2014-2017	Kate Echeverria (Residency Advisor)

MS Committees, Department of Pathobiology (previously Veterinary Pathobiology)

1999-2002	Amy Waggoner, MS
2016-	Michael Rosser

MS Committees, College of Agricultural, Consumer, and Environmental
Sciences, Department of Animal Sciences

1992	Linda Moser, MS
1992	Debra Powell, MS

1990-1993 Christine Hanson, MS
1994 Leonard Frey, MS
1994 Steven Cooper, MS
2009 Ryan Avenatti, MS

Clinical Intern Instruction

1984-1985 Elizabeth Santschi
1985-1986 Jeffery Oney
1988-1989 Michael Moore
1989-1990 Wendy Underwood
1990-1991 Edgar Garrett
1990-1991 Joseph Seng
1991-1992 Joanna Toenniessen
1992-1993 Carla Willetto
1993-1994 Andrew Alexander
1994-1995 Fiona Maunsell
1995-1996 David Castillejos
1995-1997 Ayman Sayegh
1996-1997 Colleen Lewis
1997-1998 Patricia Lanoie-Brien
1998-1999 Kathy Thomas (Intern Advisor), 2nd Place, VCM Intern Presentations, 1999
1998-1999 Marie-France Haddad
1998-1999 Geoffrey Smith
1999-2000 Frank Bettencourt
2000-2001 Aimie Doyle
2001-2002 Lennie Faber (Intern Advisor)
2001-2002 Diana Short (Intern Advisor), 1st Place, VCM Intern Presentations, 2002
2002-2003 Ashleigh Olds
2003-2004 Britany Benson
2005-2006 Karissa Kaufmann
2006-2007 Jessica Pallen (Intern Advisor)
2006-2007 Rebecca Ruemmler
2006-2007 Jeanette Perry
2007-2008 Stephanie Hill
2008-2009 Eric Carlson
2008-2009 Jill Eyles
2008-2009 Babak Faramarzi
2008-2010 Lara Qura'n
2008-2010 Sushmitha Durgam
2009-2010 Erin McConahie
2009-2010 Bri Gindlesperger
2009-2010 Tanya Rossi
2010-2011 Erica Dailing (Intern Advisor)
2010-2011 Patricia Flores
2010-2011 Ashley Houtsma

2010-2011	Michael Miller
2010-2011	Marcos Santos
2011-2012	Imogen Comyn
2011-2012	Stephanie Freese
2011-2012	Isabella Horn
2012-2013	Kaylin Herzog
2012-2013	Marta Bianchessi
2012-2013	Fernando Armitrano
2013-2014	Bryce Dooley
2013-2014	Victoria Martin
2013-2014	Shannon McGill
2014-2015	Kristen Humbach
2014-2015	Analorena Ortiz Amezcua
2015-2016	Melissa Perry
2015-2016	Jennie Cook
2016-2017	Ilana Glasberg
2016-2017	Denise Gonzalez
2016-2017	Danielle Gordon
2016-2017	Morgan Taylor

Clinical Resident Instruction

1984-1985	Craig Sweeney
1984-1985	Jean-Luc Riond
1985-1987	Philip Johnson, Diplomate ACVIM
1985-1987	John Huhn
1985-1988	David Wilson, Diplomate ACVS
1985-1988	Jane Davis
1986-1989	Kevin Keegan, Diplomate ACVS
1987-1990	Scott Austin, Diplomate ACVIM (Supervising Diplomate)
1988-1991	Scott Pleasant, Diplomate ACVS
1989-1991	Dawn Morin, Diplomate ACVIM (Supervising Diplomate)
1989-1991	Kathleen Ewert
1989-1991	Christopher Ashworth
1989-1992	Brendon Bell
1990-1993	Maureen Long, Diplomate ACVIM
1991-1994	Khristina Kirkland
1992-1993	Joanna Toenniessen
1993-1994	Reginald Valdez
1992-1995	Mark Martinelli, Diplomate ACVS
1993-1995	Lynnel Rowan
1993-1996	Carol Vischer, Diplomate ACVIM (Supervising Diplomate)
1993-1998	Pamela Walker, Diplomate ACVIM
1994-1997	Olivia Inoue, Diplomate ACVS
1995-1998	Fiona Maunsell, Diplomate ACVIM
1995-1998	Phillip Hammock, Diplomate ACVS

1996-1999	Jonathan Magid, Diplomate ACVIM
1997-2000	Ruth-Anne Richter, Diplomate ACVS
1998-1999	Joachim Berchtold
1998-2001	Martin Allen
1999-2002	Kathy Thomas (now Seino), Diplomate ACVIM (Supervising Diplomate) Loyd E. Boley Outstanding Resident Award, 2002 UIUC Phi Zeta Chapter Literary Award, 2003
1999-2002	Courtney Ahern
1999-2002	Marie-France Haddad
1999-2002	Geoffrey Smith, Diplomate ACVIM
2000-2004	Anna Rötting, Diplomate ACVS
2001-2003	Aimie Doyle, Diplomate ACVS
2002-2005	Brett Tennent-Brown, Diplomate ACVIM
2002-2004	Tessa Marshall, Diplomate ABVP
2004-2007	Britany Benson, Diplomate ACVS
2004-2007	Jennifer Barrett, Diplomate ACVS
2005-2007	Ricardo Stockler
2005-2008	Cristobal Navas de Solis, Diplomate ACVIM (Supervising Diplomate)
2006-2009	Varsha Ramoutar
2006-2009	Elysia Schaeffer, Diplomate ACVS
2007-2010	W. Michael Karlin, Diplomate ACVS
2008-2011	Pedro De Pedro, Diplomate ACVIM
2009-2011	Eric Carlson, Diplomate ACVS
2009-2012	Katherine McGovern, Diplomate ACVIM
2011-2014	Marcos Santos
2011-2014	Eva-Christina Schliewert, Diplomate ACVIM
2011-2015	Sushmitha Durgam, Diplomate AVCS
2013-2016	Breanna Sheahan
2014-2017	Kate Echeverria (Supervising Diplomate)
2014-2017	Elsbeth Grimmer
2014-2017	Ericca Secor
2015-2018	Christine Lopp
2016	Eleonora Po
2016	Kara Young

Visiting Scholar/Practitioner:

1985-1986	MAI Moustafa, Egypt
1986	Jorge Teivilas, Brazil
1987	Sandy Love, United Kingdom
1988-1990	Antonio Armengol, Spain
1991-1992	Kent Allen, Arizona
1994	Alex Ginnochio, Italy
1995	Karsten Grondahl Nielsen, Denmark
2001	Lorenzo d'Arpe, Italy

2012 Prawat Butudom, Thailand

COMMITTEES:

International:

- 1994-1995 Member, Organizing Committee, *Basis und Praxiswissen über Pferde. Tagung über Sportpferde*, Bonn, Germany, October 7, 1995.
- 1994-1996 Member, Scientific Committee, *Association for Equine Sports Medicine International Conference, 15th AESM Meeting*, Bonn, Germany, June 24-28, 1996
- 1996-1998 Member, Scientific Committee, *Conference on Equine Sports Medicine and Science*, Cordoba, Spain, April 23-27, 1998
- 2002-2003 Consultant, *International Mounted Games Association*, Pony Committee for *World Cup Mounted Games* Competition to be held in Lexington, Kentucky, July 21-27, 2003
- 2009-2010 Member, Scientific Editorial Committee, *8th International Conference on Equine Exercise Physiology*, Stellenbosch, South Africa, November 7-12, 2010
- 2013-2014 Member, Scientific Editorial Committee, *9th International Conference on Equine Exercise Physiology*, Chester, England, June 16-20, 2014
- 2014- Secretary, Member, International Committee, *10th International Conference on Equine Exercise Physiology*, Australia 2018
- 2016 Member, Organizing Committee, *ICEEP Midterm Meeting*, University of Utrecht, The Netherlands, October 14-15, 2016

National:

- American Association of Equine Practitioners*
- 1991 Section Chief, Medicine Section, 37th Annual Meeting
- 1991-1993 Sports Medicine Committee, Chair, 1993
- Association for Equine Sports Medicine*
- 1991-1998 Board of Directors
- 1992-1994 President-Elect
- 1994-1996 President
- 1996-1998 Past-President
- American College of Veterinary Internal Medicine (ACVIM)*
- 1991-1996 Member, Specialty of Internal Medicine, Credentials Committee,
- 1992-1995 Large Animal Subcommittee Chair
- 1993-1995 Large Animal Appeals Subcommittee Chair
- 1993-1996 Committee Chair or Co-Chair
- 1999-2008 Program Director, ACVIM Large Animal Internal Medicine Resident Training Program, University of Illinois
- 2002-2003 Member, *ACVIM Specialty of Large Animal Internal Medicine*, Task Force on Training the Future Specialist

- Equine Exercise Physiology Researchers Meeting*
- 1995-1996 Member, Organizing Committee, Columbus, Ohio, November 9-10, 1996
 1996-1997 Member, Organizing Committee, East Lansing, Michigan, November 15-16, 1997
 1997-1998 Member, Organizing Committee, Pullman, Washington, November 14-15, 1998
- 1999-2002 Member, National Organizing Committee, *6th International Conference on Equine Exercise Physiology*, Lexington, Kentucky, September 23-27, 2002,
- 2001-2002 Member, National Organizing Committee, *Equine Sports Medicine Conference 2002*, Lexington, Kentucky, September 21-22, 2002

- American Association of Veterinary Medical Colleges (AAVMC)*
- 2008- Member, Associate Deans for Academic Affairs Committee
 2008- Member, Admissions and Recruiting Committee
 Executive Committee, Chair-Elect, 2011-2012
 Executive Committee, Chair, 2012-2013
 Executive Committee, Past-Chair, 2013-2014
- 2011 Member, Task Force on Commercial Influences on Colleges of Veterinary Medicine
 2016 Chair, Review of Position Statement on Animal Use in Education

- Invited External Reviewer for Promotion and Tenure*
- 2009 Purdue University, Candidate for promotion from Associate Professor to Professor
 2013 Virginia Tech, Candidate for promotion from Associate Professor to Professor
 2014 University of California-Davis, Candidate for promotion from Associate Professor to Professor
 2015 Oregon State University, Candidate for promotion from Associate Professor to Professor
 2016 University of Calgary, Candidate for promotion from Assistant Professor to Associate Professor with indefinite tenure

- 2008-2009 Member, *United States Pony Club*, Safety Committee

University:

- 1991 Member, Illini Riding Team Horse Show Committee
 2004 Member, Campus Instructional Awards Selection Committee
 2008-2009 Member, Campus-Wide Accreditation Assessment Advisory Committee
 2009-2010 Member, Teaching Academy Directors Committee, Provost's Office
 2012-2013 Member, Campus Search Committee, CVM Librarian, GSLIS Department
 2016 Member, Carle College of Medicine Student Affairs Task Force
 2016-2017 Member, Faculty Research Group, Campus Master Plan Revision

College:

- 1985-1996 Faculty Advisor, Student Chapter, American Association of Equine Practitioners

1986-1989 Member, Affirmative Action Committee
 1987-1990 Member, Equine NAHMS Survey Committee
 1988-1990 Member, *Ad hoc* Committee on Admissions Criteria
 1989-1996 Organizer, Committee Member, Illini Benefit Hunter Show
 1990 Member, Fall Faculty Retreat Planning Committee
 1991 Member, *Ad hoc* Equine Treadmill Committee
 1991-1994 Coordinator of Client Services, Equine Treadmill Laboratory
 1995 Member, *Ad hoc* Committee on Expansion of B.S. in Veterinary Science
 1995 Member, *Ad hoc* Committee of Cardiovascular Teaching Faculty
 1996 Member, Phi Zeta Honor Society Literary Award Committee
 2004- Member, Teaching Academy
 2004 Member, *Ad hoc* meetings on Curriculum Concept Mapping
 2004 Member, Instruction Focus Group, CVM Master Facility Planning Process
 2004-2006 Member, *Ad hoc* LAC 100 and SAC 80 Remodeling Committee
 2005-2006 Member, Search Committee, Audiovisual Coordinator
 2006 Member, Phi Zeta Honor Society Literary Award Committee
 2006 Judge, Phi Zeta Honor Society Research Day Graduate Student Awards
 2006 Member, Courses and Curriculum Committee Faculty Forum
 Member, Semesters 1 and 2 Faculty Forum
 Member, Semesters 5 and 6 Faculty Forum
 Member, Semesters 7, 8, and 9 Faculty Forum
 Facilitator, Clinical Experiences Faculty Forum
 2006-2007 Member, *Ad hoc* Expanded Courses and Curriculum Committee
 2007 Member, Phi Zeta Honor Society Literary Award Committee
 2007 Judge, Phi Zeta Honor Society Research Day Graduate Student Awards
 2007 Member, *ex officio*, Courses and Curriculum *Ad hoc* Subcommittee on Curriculum Revision
 2007 Member, Subcommittee on Illinois Integrated Professional Curriculum
 2008- Member, Subcommittee, Clinical Assessment
 2008- Member, Subcommittee, College Curriculum Management and Oversight
 2008- Member, Subcommittee, Structure and Function I
 2008- Member, Subcommittee, Structure and Function III
 2008- Member, Subcommittee, Neurology and Ophthalmology
 2008- Member, Subcommittee, Reproduction and Neonatology
 2010-2011 Member, Subcommittee, VM 617 Professional Development
 2007- Chair, *ex officio*, Admissions Advisory Committee
 2007- Chair, *ex officio*, Scholastic Petitions Committee
 2007- Chair, *ex officio*, Ethics Committee
 2007- Chair, *ex officio*, Student Discipline Committee
 2007- Member, Dean's Advisory Council/Senior Leadership Council (2014-present)
 2007- Member, Planning Committee
 2007- Member, *ex officio*, Awards and Scholarships Committee
 2007- Member, *ex officio*, Courses, Curriculum and Educational Policy Committee
 2007- Member, *ex officio*, Occupational Health and Safety Committee
 2007-2008 Member, Wards 3 and 4 and Isolation Renovation Planning Committee

2008 Judge, Phi Zeta Honor Society Research Day Graduate Student Awards
 2009 Judge, Phi Zeta Honor Society Research Day Graduate Student Awards
 2010 Judge, Phi Zeta Honor Society Research Day Graduate Student Awards
 2014- Chair, Innovative Teaching and Learning Spaces Committee, \$2.25 million renovation of Library and other classrooms

Departmental (Department of Veterinary Clinical Medicine unless otherwise specified):

1984-1985 Chair, Hospital Communications Committee
 1985-1986 Member, Search Committee, Assistant Professor, Food Animal Medicine
 1985-1999 Member, Medical Records Committee, Chair 1989-1993
 1986-1989 Member, Laboratory Animal Care Committee
 1987-1991 Member, Capricious Grading Committee
 1988-1991 Member, Graduate Committee, Chair 1990-1991
 1989 Member, *Ad hoc* Intern/Residency Committee
 1989-1990 Member, Search Committee, Assistant Professor, Ophthalmology
 1989-1993 Member, Intern/Resident Committee
 1992-1993 Chair, *Ad hoc* Expanded Medical Records Committee
 1992-1993 Member, Search Committee, Assistant Professor, Equine Orthopedic Surgery
 1992-1995 Member, Laboratory Animal Care Committee
 1993-1994 Member, *Ad hoc* Committee on Live-In Student Interns
 1996-1997 Member, *Ad hoc* Committee on Evaluation
 1997-1999 Member, Intern/Resident Committee
 1997-2000 Member, Pharmacy Committee
 1998-2015 Chair, *Ad hoc* Committee on Live-In Student Interns
 2000-2001 Member, Courses and Curriculum Committee
 2000-2001 Member, *Ad hoc* Committee on ECFVG Training
 2000-2001 Member, Search Committee, Assistant Professor, Small Animal Neurology
 2001 Member, *Ad hoc* Committee on Office Space and Student Intern Quarters
 2002-2003 Member, Search Committee, Assistant Professor, Anesthesiology/Clinical Pharmacology
 2002-2003 Member, Search Committee, Assistant Professor, Equine Orthopedic Surgery
 2002-2003 Member, Intern/Resident Committee
 2002-2003 Co-Chair, Courses and Curriculum Committee
 2003-2005 Member, *Ad hoc* Large Animal Clinic Remodeling Committee
 2004-2007 Member, Promotion and Tenure Committee
 2004-2005 Member, Search Committee, Assistant Professor, Equine Theriogenology
 2004-2005 Member, Search Committee, Assistant Professor, Equine Surgery
 2004-2005 Member, Search Committee, Assistant Professor, Cardiology
 2005-2007 Member, Search Committee, Assistant Professor (2 positions), Critical Care
 2006-2007 Member, Courses and Curriculum Committee
 2006-2007 Member, Intern/Resident Committee
 2006-2007 Member, Graduate Committee
 2012- Member, Faculty Mentoring Committee, Matthew Stewart, Associate Professor, Equine Surgery

Department of Comparative Biosciences (formerly Veterinary Biosciences):

2007-2013 Member, Faculty Mentoring Committee, Levent Dirikolu, Assistant Professor, Pharmacology (promoted to Associate Professor with tenure, 2013)

CONSULTANT/EXPERT WITNESS:

- 1989 Equine Adjusters, Inc., Lexington, Kentucky. Consultant (clinical examination): Equine laminitis mortality insurance case
- 1990 Nippon Zenyaku Kogoyo Ltd., Koriyama-city, Fukushima-pre, Japan. Consultant (*pro bono*): Riding school designs
- 1990 Hoffmann-LaRoche, Inc., Nutley, New Jersey. Consultant: Carprofen palatability studies
- 1990-1991 Kinsey, Ridenour, Becker and Kistler, Attorneys, Lincoln, Nebraska. Consultant, case review (*pro bono*): Equine transport sickness liability case
- 1991-1992 Dixon Adjusters, Inc., Lexington, Kentucky. Consultant (clinical examination): Equine neurological and laminitis mortality insurance cases
- 1992-1993 Clausen, Miller, Gorman, Caffrey and Witous, Attorneys, Chicago, Illinois. Consultant (clinical examinations): Equine neurological case
- 1993-1994 The Upjohn Company, Kalamazoo, Michigan. Consultant: Equine ceftiofur toxicity review and FDA equine label approval
- 1996 Matthew J. Smith Company, Attorneys, Cincinnati, Ohio. Expert witness (video deposition): Equine postanesthetic myopathy liability case
- 1998 William Chasnoff, Attorney, Dover, Delaware. Expert witness before the Delaware State Racing Commission: Bicarbonate drug testing case
- 1998-2000 Sterns and Weinroth, Attorneys, Trenton, New Jersey. Expert witness before administrative judge: Bicarbonate drug testing case
- 1998-2000 Kravitz & Kravitz, Attorneys, Columbus, Ohio. Expert witness before the Ohio State Racing Commission: Bicarbonate drug testing case
- 1999-2003 United States Olympic Committee, Drug Testing Program, Colorado Springs, Colorado. Consultant (*pro bono*): Equine drug testing procedures
- 2000 Fort Dodge Animal Health, Fort Dodge, Iowa. Consultant: Equine protozoal myeloencephalopathy vaccine
- 2000-2001 Kravitz & Kravitz, Attorneys, Columbus, Ohio. Consultant (case review): Boarding farm liability cases (one neurological case, one neonatal case, two laceration cases)
- 2000-2001 Webb, Hoskins, Glover, and Thompson, Attorneys, Lexington, Kentucky. Expert witness (deposition, *pro bono*): Malpractice case (ruptured bladder foal and dehiscence)
- 2000-2001 Webb, Hoskins, Glover, and Thompson, Attorneys, Lexington, Kentucky. Consultant (case review, *pro bono*): Flunixin meglumine drug testing case
- 2000-2003 Fédération Equestre Internationale, Lausanne, Switzerland. Professor Leo B. Jeffcott (Dean, Cambridge University Veterinary College, Cambridge, United Kingdom and Chair, FEI Veterinary Committee). Consultant (*pro bono*): Proposed modifications to Eventing as an FEI-sanctioned Olympic sport
- 2002 Kravitz & Kravitz, Attorneys, Columbus, Ohio. Consultant (case review): Bicarbonate drug testing case
- 2005-2006 Wilson, Elser, Moskowitz, Edelman & Dicker LLP, Attorneys, Trenton, New Jersey.

- 2005-2007 Consultant (case review): Malpractice case (compounding pharmacy)
Stuart & Branigin, Attorneys, Lafayette, Indiana. Expert witness (jury trial testimony):
Malpractice case (laminitis)
- 2006 Kravitz, Gatterdam & Brown LLC, Attorneys, Columbus, Ohio. Expert witness (telephone
appearance) before the Ohio State Racing Commission Hearing: Bicarbonate drug
testing case
- 2006 Attorney, Dover, Delaware. Expert witness before the Delaware State Racing
Commission (cancelled immediately prior to testimony): Bicarbonate drug testing case
- 2006-2007 Hill, Fulwider, McDowell, Funk & Matthews PC, Attorneys, Indianapolis, Indiana. Expert
witness (deposition and jury trial testimony): Malpractice case (sudden unexplained
death in two racehorses)
- 2008 Wittstruck C, Attorney, Queen City, New York. Expert witness before the New York
Racing and Wagering Board Hearing: Bicarbonate drug testing cases
- 2008 Hill, Fulwider, McDowell, Funk & Matthews PC, Attorneys, Indianapolis, Indiana. Expert
witness: Malpractice case (sudden unexplained death in one broodmare)
- 2008 Greg Fox, DVM, Trainer, Lexington, Kentucky. Expert witness (written testimony, *pro
bono*): Glycopyrrolate drug testing case before the Kentucky Horse Racing Commission
- 2010-2011 Turro AJ, Attorney, of Meyer, Suozzi, English & Klein, PC, Attorneys, Garden City, New
York. Expert witness (by affidavit): Out-of-competition testing regulations before the
New York State Racing and Wagering Board.
- 2010-2012 Weinbaum M, Attorney, San Clemente, California. Consultant: Bicarbonate drug testing
case before California Racing Board
- 2010-2011 Childs WH, Attorney, Westbrook, Maine. Expert witness: Bicarbonate drug testing cases
before Maine Harness Racing Commission
- 2011 Plotner B, Trainer, Tuscola, Illinois. Expert witness (*pro bono*): Bicarbonate drug testing
case appeal before Illinois Racing Board
- 2012 Turro AJ, Attorney, of Meyer, Suozzi, English & Klein, PC, Attorneys, Garden City, New
York. Expert witness (by affidavit and testimony): Drug violations – timing of
administration before racing, before New York State Racing and Wagering Commission
- 2014 Ingle J, Attorney, of Jackson Kelly, PLLC, Attorneys at Law, Lexington, Kentucky. Expert
witness (by affidavit, deposition, and testimony): Equine laminitis case.
- 2014 Rick Goodell, Counsel, New York State Gaming Commission. Consultant (via phone and
e-mail). Composing response to PETA regarding thyroxine use by one racehorse trainer
- 2015 Turro AJ, Attorney, of Meyer, Suozzi, English & Klein, PC, Attorneys, Garden City, New
York. Expert witness (by affidavit): Out-of-competition testing regulations before the
New York State Gaming Commission
- 2016 Jaguar Animal Health, Inc., San Francisco, California. Consultant.

EDITOR/EDITORIAL BOARD:

- 1986-1987 *Equine Veterinary Data*, Co-Editor, Sports Medicine Section
- 1991 *Proceedings of 37th Annual Meeting of the American Association of Equine Practitioners*,
Editor, Medicine Section, 10 manuscripts
- 1992-1994 *The Equine Athlete*, AESM Editor
- 1992-1993 *Proceedings of 11th Meeting of Association for Equine Sports Medicine*, Editor, 26

- manuscripts
- 1992-2000 *Equine Practice*, Editorial Board
- 1993-1994 *Proceedings of 12th Meeting of Association for Equine Sports Medicine*, Editor, 19 manuscripts and 49 abstracts
- 1994-1996 *American Journal of Veterinary Research*, Board of Scientific Reviewers
- 1996-2002 *Journal of Equine Veterinary Science*, Editorial Board
- 2006- *Equine and Comparative Exercise Physiology* (United Kingdom), Editorial Board
- 2010 *Equine Veterinary Journal* (United Kingdom), *Proceedings of 8th International Conference on Equine Exercise Physiology* (South Africa)
- 2010- Associate Editor, *Frontiers in Exercise Physiology*

SCIENTIFIC REFEREE/REVIEWER:

- 1986-1987 *Equine Veterinary Data*, Sports Medicine Section
- 1987 *Proceedings of 10th Equine Nutrition and Physiology Symposium*, 5 manuscripts
- 1989- *Journal of Equine Veterinary Science*
- 1990 *Equine Exercise Physiology 3*, *Proceedings of 3rd International Conference on Equine Exercise Physiology* (Sweden)
- 1990- *Journal of American Veterinary Medical Association*
- 1991 *Proceedings of 37th Annual Convention of American Association of Equine Practitioners*
- 1991- *American Journal of Veterinary Research*
- 1991- *Journal of Veterinary Internal Medicine*
- 1992 *Proceedings of 38th Annual Convention of American Association of Equine Practitioners*
- 1992 *Journal of Applied Physiology*
- 1992-~1998 *The Equine Athlete*
- 1993-2000 *Equine Practice*
- 1994 *Equine Veterinary Journal* (United Kingdom), Supplement 18, *Proceedings of 4th International Conference on Equine Exercise Physiology* (Australia), 2 manuscripts
- 1995 *Reproduction, Nutrition, Development* (France)
- 1995 *Pferdeheilkunde* (Germany)
- 1996 *Equine Veterinary Journal*, Supplement 22, *Thermoregulatory Responses During Competitive Exercise in the Performance Horse*, Volume II
- 1996-2001 *Journal of Veterinary Internal Medicine*, Research Abstracts for ACVIM Forum
- 1997 *Comparative Biochemistry and Physiology* (Canada)
- 1998 *Equine Veterinary Journal*, Supplement 30, *Proceedings of 5th International Conference on Equine Exercise Physiology* (Japan), 4 manuscripts
- 2000 *Journal of Veterinary Clinical Pathology*
- 2001-2002 *Equine Veterinary Journal*, Supplement 34, *Proceedings of 6th International Conference on Equine Exercise Physiology* (Kentucky), 3 manuscripts
- 2003 *Journal of Veterinary Internal Medicine*, Abstracts for 21st ACVIM Forum
- 2004 *Merck Veterinary Manual*, 9th edition
- 2004 *Journal of Veterinary Internal Medicine*, Abstracts for 22nd ACVIM Forum
- 2004- *Comparative Exercise Physiology*, previously titled *Equine and Comparative Exercise Physiology* (United Kingdom)
- 2005 *Journal of Veterinary Internal Medicine*, Abstracts for 23rd ACVIM Forum

2005-2006 *Equine Veterinary Journal* (United Kingdom), Supplement 36, Proceedings of 7th International Conference on Equine Exercise Physiology (France), 4 manuscripts
 2007 *Journal of Veterinary Internal Medicine*, Abstracts for 25th ACVIM Forum
 2008 *Journal of Veterinary Internal Medicine*, Abstracts for 26th ACVIM Forum
 2008 *Journal of Veterinary Cardiology*
 2008- *Journal of Veterinary Emergency and Critical Care*
 2009- *The Veterinary Journal* (United Kingdom)
 2009-2010 *Equine Veterinary Journal* (United Kingdom), Supplement 40, Proceedings of 8th International Conference on Equine Exercise Physiology (South Africa), 7 manuscripts
 2010- *Equine Veterinary Journal* (United Kingdom)
 2013-2014 *Equine Veterinary Journal* (United Kingdom), abstracts for 9th International Conference on Equine Exercise Physiology (United Kingdom), approximately 20 abstracts
 2016- *Equine Veterinary Education* (United Kingdom)

EXTERNAL RESEARCH GRANT REVIEWER:

1997 E. P. Taylor Equine Research Fund (Canada)
 1999, 2005, 2006, 2008, 2009, 2010, 2012, 2015, 2016 Horserace Betting Levy Board (United Kingdom)

EXTERNAL GRADUATE STUDENT EXAMINER:

2010 Fennell, Laura Catherine, MVSC candidate, The University of Melbourne, Melbourne School of Graduate Research

EXTERNAL CURRICULUM REVIEWER:

2016 Cornell University School of Veterinary Medicine, Theriogenology curriculum and clinical service

RESEARCH GRANTS:

Title	Agency	Role	Date	Amount
Non-invasive assessment of physiological adaptations to training in the Thoroughbred racehorse	Stanley Adler Fund	PI	4/82	\$7,000
The effect of training on muscle composition in the Thoroughbred horse	Washington State Equine Research Program	CI	8/82	7,000
Investigation of exercise-related cardiopulmonary and musculoskeletal diseases in the Thoroughbred racehorse	Thomas Pelley Fund	PI	11/82	3,825
Investigation of equine	NC VM Foundation			

Title	Agency	Role	Date	Amount
leucoencephalomalacia in North Carolina	Gift from Ralston Purina Company	CI	12/84	2,000
Investigation of the physiological effects of laryngeal hemiplegia followed by laryngoplasty in the exercising Thoroughbred	NC VM Foundation Trust Fund #07892	CI	1/85	9,900
	NC VM Foundation Fund for Research at the Southern Pines Equine Research Center	CI	1/85	6,000
	NCSU State Research Fund	CI	6/85	4,000
	NC VM Foundation	CI	4/86	5,000
	NCSU State Research Fund	CI	6/86	15,000
Investigation of the correlation between experimentally-induced reversible lameness and heart rate elevation in the exercising horse	BRSO	PI	4/86	2,958
Detomidine clinical trial	Farmos Group	CI	10/86	4,400
Investigation of the effects of phenylbutazone and flunixin meglumine on experimentally-induced reversible lameness in the exercising horse	BRSO	PI	4/87	2,982
Efficacy of quinolone antibiotics in the horse: Pilot investigation	Abbott Laboratories	PI	12/87	3,705
HyperCCT: A computerized version of the veterinary CCT using HyperCard	Vice Chancellor's Shoestring Grant	CI	12/88	500
	Apple Seedlings	CI	1/89	8,004
	Vice Chancellor for Academic Affairs Teaching Scholar	PI	10/90	3,400

Title	Agency	Role	Date	Amount
Phenylbutazone effects on experimental lameness in the horse	Vice Chancellor's Shoestring Grant	PI	12/88	500
Evaluation of ceftiofur sodium (vs negative control) for the treatment of respiratory tract infections in horses	Upjohn Company	PI	2/89	52,201
Clinical evaluation of ceftiofur sodium (vs positive control) for the treatment of respiratory tract infections in horses	Upjohn Company	PI	11/89	8,035
Circulatory capacity in draft and stock horses	USDA Hatch	CI	4/90	14,000
Detomidine clinical trial	SmithKline-Beecham	PI	10/90	900
High-speed equine treadmill	Illinois Department of Agriculture, TB and STB Breeders Funds	PI	12/90	20,000
Risk factors for development of post-transport pneumonia in young horses	Vice Chancellor's Shoestring Grant	PI	1/91	500
Comparative cardiopulmonary function in ponies vs racehorses	Caleel Fund	PI	2/91	3,998
	UIUC Research Board	PI	4/91	19,686
<i>In vivo</i> investigation of equine distal tarsal joint communications	Caleel Fund	CI	2/91	900
Dose titration of sodium bicarbonate in horses	United States Trotting Association	CI	11/91	30,000
Minimum inhibitory concentrations of equine respiratory tract bacteria	Vice Chancellor's Shoestring Grant	PI	3/92	500
Hypothyroidism and exercise intolerance in horses	Caleel Fund	PI	3/92	3,964
	Caleel Fund	PI	6/95	3,500
Carprofen vs. flunixin meglumine efficacy in clinical lameness in horses	Hoffmann-LaRoche	PI	11/92	6,400
Comparison of effects of flunixin	Schering-Plough	PI	1/93	18,146

Title	Agency	Role	Date	Amount
meglumine and ketoprofen on experimentally induced lameness in the horse	Animal Health			
Hypothyroidism and exertional myopathy (tying-up) in horses	American Horse Shows Association	PI	2/93	4,980
Modifications to three-day eventing to promote optimal safety and recovery on speed and endurance day	USDA Animal Health Formula Funds	PI	2/93	22,506
	American Horse Shows Association	PI	4/94	27,644
Scintigraphic evaluation of training-induced bone changes in Thoroughbred horses	Caleel Fund	PI	3/93	4,980
Epidemiology of equine laminitis	USDA CSRS NRICGP	CI	9/94	140,000
Effects of work and alkalinizing agents on blood gases, blood and urine pH and minerals in horses	Illinois Harness Horseman's Association	CI	9/95	15,000
	United States Trotting Association		11/95	12,000
Cold laser analgesia in experimentally-induced lameness	Respond Systems, Inc.	PI	12/95	3,595
Forensic detection of cocaine in equine hair	Illinois Department of Agriculture	CI	12/97	12,500
	American Horse Shows Association	CI	4/98	5,000
Effects of diet and race anticipation on plasma tCO ₂ in Standardbred horses	United States Trotting Association	CI	5/98	15,000
Efficacy of single vs. multiple non-steroidal anti-inflammatory drugs in experimental lameness in horses	USDA Hatch Funds	PI	7/98	19,970
The mechanism of fumonisin mycotoxicosis in horses	FDA-USDA CREES	CI	9/99	37,037

Title	Agency	Role	Date	Amount
Characterization of cardiac troponin-I and-T in animals with cardiac disease	Governor's Venture Technology Funds	CI	9/01	35,000
		CI	9/02	6,500
Efficacy of phenylbutazone and flunixin administered singly and in combination in experimental lameness in horses	Grayson/Jockey Club Foundation, Keeneland Racing Association, Thoroughbred Owners and Breeders Association (TOBA), and Kentucky Thoroughbred Association (KTA)	CI	6/03	30,000
A novel method for cooling horses after exercise	USDA Hatch Funds	PI	8/04	10,000
Computerized case simulations for enhanced instruction in equine internal medicine	Innovations in Teaching DVM Students	PI	7/08	11,000
Investigations in efficacy and plasma concentrations after half-doses of non-steroidal anti-inflammatory drugs in horses	Fédération Equestre Internationale (FEI)	PI	5/10	104,187
7-day plasma concentrations after full-doses of non-steroidal anti-inflammatory drugs in horses	Fédération Equestre Internationale (FEI)	PI	9/10	3,500
Design and optimization of collapsible obstacles for use in the cross-country phase of equestrian three-day eventing	United States Equestrian Federation (USEF)	CI, in collaboration with Washington University in St. Louis School of Occupational Therapy	7/11, extension through 12/13	25,000
Exogenous L-lactate clearance (ExLC) testing in horses with acute gastrointestinal disease	Veterinary Emergency and Critical Care Foundation (VECF)	CI	8/12	5,000
	USDA Hatch	CI	11/13	4,170
L-lactate area (LACArea) in neonatal foals	USDA Hatch	CI	11/13	770

Title	Agency	Role	Date	Amount
Pulmonary disposition and pharmacokinetics of oral minocycline in adult horses	Companion Animal Memorial Fund	CI	12/14-12/15	12,500

PUBLICATIONS:

Refereed:

Bayly WM, Reed SM, Foreman JH, Traub JL, McMurphy RM. Equine bronchopneumonia due to *Bordetella bronchiseptica*. *Equine Pract* 1982;4:25-32.

Foreman JH, Reed SM, Rantanen NW, DeBowes RM, Wagner PC. Congenital internal hydrocephalus in a Quarter Horse foal. *J Equine Vet Sci* 1983;3:154-164.

Foreman JH, Rabin D: Determination of accuracy of a digitally displaying equine heart rate meter. *J Equine Vet Sci* 1984;4:161-163.

Zamora CS, Vitums A, Foreman JH, Bayly WM, Weidner JP. Common ventricle with a separate pulmonary outflow chamber in a horse. *J Am Vet Med Assoc* 1985;186:1210-1213.

Foreman JH, Potter K, Bayly WM, Liggitt HD. Generalized steatitis associated with selenium deficiency and normal vitamin E status in a foal. *J Am Vet Med Assoc* 1986;189:83-86.

Baker GJ, Moustafa MAI, Boero MJ, Foreman JH, Wilson DA. Caudal cruciate ligament function and injury in the horse. *Vet Rec* 1987;121:319-320.

Johnson PJ, Goetz TE, Baker GJ, Foreman JH. The successful treatment of two mares with obstructive vaginal urinary outflow incontinence. *J Am Vet Med Assoc* 1987;191:973-975.

Johnson PJ, Allhands RV, Baker GJ, Boero MJ, Foreman JH, Hyppa T, Huhn JC. Incomplete tibial fractures in the horse: Two case reports. *J Am Vet Med Assoc* 1988;192:522-524.

Austin SM, Foreman JH, Goetz TE. Aspiration pneumonia following near-drowning in a mare: A case report. *J Equine Vet Sci* 1988;8:313-316.

Miller-Graber P, Lawrence L, Foreman J, Smith J, Bump K. Lactate, pyruvate and blood gases in the carotid artery, jugular vein and pulmonary artery during submaximal exercise. *J Equine Vet Sci* 1988;8:322-325.

Wilson DA, Foreman JH, Boero MJ, Didier PJ, Lerner DJ. Small colon rupture attributable to granulosa cell tumor in a mare. *J Am Vet Med Assoc* 1989;194:681-682.

Santschi EM, Foreman JH. Equine bacterial meningitis. Part I. *Compend Cont Educ Pract Vet*

1989;11:479-483.

Foreman JH, Santschi EM. Equine bacterial meningitis. Part II. *Compend Cont Educ Pract Vet* 1989;11:640-644.

Wilson DA, Badertscher RR, Boero MJ, Baker GJ, Foreman JH. Ultrasonographic evaluation of the healing of ventral midline abdominal incisions in the horse. *Equine Vet J* 1989;Suppl 7:107-110.

Fayer R, Mayhew IG, Baird JD, Dill SG, Foreman JH, Fox JC, Higgins R, Reed SM, Ruoff WW, Sweeney RW, Tuttle P. Epidemiology of equine protozoal myeloencephalitis in North America. *J Vet Intern Med* 1990;4:54-57.

Foreman JH, Bayly WM, Grant BD, Gollnick PD. Standardized exercise test and daily heart rate responses of Thoroughbred horses undergoing conventional race training and detraining. *Am J Vet Res* 1990;50:914-920.

Foreman JH, Bayly WM, Allen JR, Matoba H, Grant BD, Gollnick PD. Muscle responses of Thoroughbred horses to conventional race training and detraining. *Am J Vet Res* 1990;50:909-913.

Austin SM, DiPietro JA, Foreman JH. *Cryptosporidium* sp.: A cause of diarrhea in immunocompetent foals. *Equine Pract* 1990;11(3):10-14.

Austin SM, DiPietro JA, Foreman JH, Baker GJ. *Parascaris equorum* infections in the horse. *Compend Cont Educ Pract Vet* 1990;12:1110-1119.

Foreman JH, Weidner JP, Parry BA, Hargis A. Pleural effusion secondary to thoracic metastatic mammary adenocarcinoma in a mare. *J Am Vet Med Assoc* 1990;197: 1193-1195.

Gelberg HB, Smetzer DL, Foreman JH. Pulmonary hypertension as a cause of atrial fibrillation in young horses: Four cases (1980-1989). *J Am Vet Med Assoc* 1991;198: 679-682.

Austin SM, DiPietro JA, Foreman JH, Todd KS. Comparison of the efficacy of ivermectin, oxibendazole, and pyrantel pamoate against 28-day-old *Parascaris equorum* larvae in pony foals. *J Am Vet Med Assoc* 1991;198:1946-1949.

Ewert KM, DiPietro JA, Foreman JH, Todd KS. Control programs for endoparasites in horses. *Compend Cont Ed Pract Vet* 1991;13:1012-1018.

Miller-Graber PA, Lawrence LM, Foreman JH, Bump KD, Fisher MG, Kurcz E. Dietary protein level and energy metabolism during treadmill exercise in horses. *J Nutrition* 1991; 121:1462-1469.

Miller-Graber P, Lawrence L, Fisher M, Bump, K, Foreman J, Kurcz E. Metabolic responses to ammonium acetate infusion in exercising horses. *Cornell Vet* 1991;81:397-410.

Johnson PJ, Goetz TE, Foreman JH, Vogel RS, Baker GJ. Effect of whole body potassium depletion on

plasma, erythrocyte, and middle gluteal muscle potassium concentration of healthy horses. *Am J Vet Res* 1991;52:1676-1683.

Foreman JH, Lawrence LM. Lameness and heart rate elevation in the exercising horse. *J Equine Vet Sci* 1991;11:353-356.

Kline K, Foreman JH. Heart and spleen weights of horses as a function of breed and somatotype. In: Persson SGB, Lindholm A, Jeffcott LB (eds): *Equine Exercise Physiology* 1991;3:17-21.

Foreman JH, Hungerford LL, Twardock AR, Baker GJ. Scintigraphic appearance of dorsal metacarpal and metatarsal stress changes in racing and nonracing horses. In: Persson SGB, Lindholm A, Jeffcott LB (eds): *Equine Exercise Physiology* 1991;3:402-410.

Miller-Graber P, Lawrence L, Foreman J, Bump K, Fisher M, Kurcz E. Effect of dietary protein level on nitrogen metabolites in exercised Quarter Horses. In: Persson SGB, Lindholm A, Jeffcott LB (eds): *Equine Exercise Physiology* 1991;3:305-314.

Folz SD, Hanson BJ, Griffin AK, Dinvald LL, Swerczek TW, Walker RD, Foreman JH. Clinical use of ceftiofur sodium as a treatment for naturally acquired respiratory infections in horses. *Equine Vet J* 1992;24:300-304.

Long MT, Goetz TE, Kakoma I, Whiteley HE, Lock TF, Holland CJ, Ewert KM, Baker GJ, Foreman JH. Isolation of *Ehrlichia risticii* from the aborted fetus of an infected mare. *Vet Record* 1992;131:370.

Pleasant RS, Baker GJ, Muhlbauer MC, Foreman JH, Boero MJ. Stress reactions and stress fractures of proximal palmar aspect of the third metacarpal bone in horses: 58 cases (1980-1990). *J Am Vet Med Assoc* 1992;201:1918-1923.

Gift LJ, Gaughan EM, DeBowes RM, Pintchuk PA, Nikels FA, Foreman JH. Jejunal intussusception in adult horses: 11 cases (1981-1991). *J Am Vet Med Assoc* 1993;202:110-112.

Pleasant RS, Baker GJ, Foreman JH, Eurell JC, Losonsky JM. Intraosseous pressure and pathologic changes in equine navicular disease. *Am J Vet Res* 1993;54:7-12.

Tate LP, Corbett WT, Foreman JH, Bishop BJ, Sweeney CL. Instrumentation of exercising Thoroughbreds to determine blood gas tensions and acid-base status. *Vet Surg* 1993;22:171-176.

Tate LP, Corbett WT, Bishop BJ, Foreman JH. Blood gas tensions, acid-base status, heart rates, and venous profiles in exercising horses with laryngeal hemiplegia before and after corrective surgery. *Vet Surg* 1993;22:177-183.

Long MT, Foreman JH, Wallig MA, Chambers MD, Losonsky JM, Muhlbauer MC. Hypertrophic osteopathy characterized by nuclear scintigraphy in a horse. *J Vet Radiol and Ultrasound* 1993;34:289-294.

Bell BTL, Baker GJ, Foreman JH, Abbott LC. *In vivo* investigation of communication between the distal

intertarsal and tarsometatarsal joints in horses and ponies. *Vet Surg* 1993;22:289-292.

Bell BTL, Baker GJ, Foreman JH. Progressive ethmoid hematoma: Background, clinical signs, and diagnosis. *Compend Cont Educ Pract Vet* 1993;15:1101-1110.

Bell BTL, Baker GJ, Foreman JH. Progressive ethmoid hematoma: Characteristics, cause, and treatment. *Compend Cont Educ Pract Vet* 1993;15:1391-1399.

Hanson CM, Kline KH, Foreman JH, Frey LP. The effects of sodium bicarbonate administered nasogastrically on plasma volume, electrolytes and blood gases in resting Quarter Horses. *J Equine Vet Sci* 1993;13:593-596.

Kirkland KD, Goetz TE, Foreman JH, Francisco C, Baker GJ. Smoke inhalation injury in a pony. *J Vet Critical Care and Emerg Med* 1994;3:83-89.

Hanson CM, Kline KH, Foreman JH. Measurements of heart scores and heart weights in horses of two different morphic body types. *J Comp Biochem Physiol* 1994;108A:175-178.

Johnson PJ, Goetz TE, Foreman JH, Zachary JF. Pheochromocytoma in two horses. *J Am Vet Med Assoc* 1995;206:837-841.

Bell BTL, Baker GJ, Abbott LC, Foreman JH, Losonsky JM. The macroscopic vascular anatomy of the equine ethmoidal area. *Anat Histol Embryol* 1995;24:39-45.

Frey LP, Kline KH, Foreman JH. Effects on prerace exercise, frusemide, sex and ambient temperature on blood sodium, bicarbonate and pH values in Standardbred horses. *Equine Vet J* 1995;27:170-173.

Hanson CM, Kline KH, Foreman JH, Frey LP, Cooper SM. Heart and spleen mass related to blood parameter changes after epinephrine injection. *Equine Vet J* 1995;Suppl 18:113-116.

Frey LP, Kline KH, Foreman JH, Brady AH, Cooper SR. Effects of warming-up, racing and sodium bicarbonate in Standardbred horses. *Equine Vet J* 1995;Suppl 18:310-313.

Long MT, Goetz TE, Kakoma I, Whiteley HE, Lock TF, Holland CJ, Foreman JH, Baker GJ. Evaluation of fetal infection and abortion in pregnant ponies experimentally infected with *Ehrlichia risticii*. *Am J Vet Res* 1995;56:1307-1316.

Austin SM, Foreman JH, Hungerford LL. Case-control study of risk factors for development of pleuropneumonia in horses. *J Am Vet Med Assoc* 1995;207:325-328.

Cooper SR, Kline KH, Foreman JH, Brady HA, Shipley CF, Frey LP, Sennello KA. Effects of dietary cation-anion balance on pH, acid-base parameters, serum and urine mineral levels, and parathyroidhormone (PTH) in weanling horses. *J Equine Vet Sci* 1995;15:417-420.

Kline KH, Foreman JH, Hanson CM, Frey LP. Changes in blood gases and electrolytes of horses given varying

doses of sodium bicarbonate. *J Equine Vet Sci* 1995;15:487-491.

Foreman JH, Grubb TL, Benson GJ, Frey LP, Foglia RA, Griffin RL. Physiological effects of shortening steeplechase in a 3-day-event. *Equine Vet J* 1995;Suppl 20:73-77.

Kohn CW, Hinchcliff KW, McCutcheon LJ, Geor R, Foreman J, Allen AK, White SL, Maykuth PL, Williamson LH. Physiological responses of horses competing at a modified 1 star 3-day-event. *Equine Vet J* 1995;Suppl 20:97-104.

Hinchcliff KW, Kohn CW, Geor R, McCutcheon LJ, Foreman J, Andrews FM, Allen AK, White SL, Williamson LH, Maykuth PL. Acid:base and serum biochemistry changes in horses competing at a modified 1 star 3-day-event. *Equine Vet J* 1995;Suppl 20:105-110.

Foreman JH, Grubb TL, Benson GJ, Frey LP, Foglia RA, Griffin RL. Acid-base and electrolyte effects of shortening steeplechase in a 3-day-event. *Equine Vet J* 1996;Suppl 22:85-90.

Foreman JH. Modifications to the 1996 Olympic 3-Day-Events to optimize safety under hot and humid conditions. *Pferdeheilkunde* 1996;12:397-400.

Foreman JH, Ferlazzo A. Physiological responses to stress in the horse. *Pferdeheilkunde* 1996;12:401-404.

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PROFESSIONAL PRESENTATIONS:

International:

Umbilical vascular catheterization in a neonatal foal (poster). *1st International Conference on Veterinary Perinatology*. Orlando, Florida, January 18, 1988.

The bucked shin syndrome: Prevalence of dorsal cortical scintigraphic lesions. *3rd International Conference on Equine Exercise Physiology*. Uppsala, Sweden, July 19, 1990.

Transport stress-induced pneumonia: A model in young horses (poster). *6th International Conference on Equine Infectious Diseases*. Cambridge, England, July 8, 1991.

Risk factors for respiratory disease associated with transport in horses (poster). *6th International Conference on Equine Infectious Diseases*. Cambridge, England, July 8, 1991.

Equine sports medicine. *Irish Veterinary Association*. Kildare, County Kildare, Ireland, July 12, 1991.

Invited panelist. Stress in three-day event horses. *1st International Roundtable on Equine Sports Medicine*. Lexington, Kentucky, April 24, 1992.

Modifications to three-day eventing to promote optimal safety and recovery on speed and endurance day. *2nd International Roundtable on Equine Sports Medicine*. Atlanta, Georgia, April 17, 1993.

Laboratory experiments on proposed modifications to Phases B and C. *AHSA Three-Day Eventing Research Group Meeting*. Atlanta, Georgia, March 25, 1994.

Proposed modifications to Phases B and C of three-day eventing. *Fédération Equestre Internationale (FEI)/Samsung International Equine Sports Medicine Conference*. Atlanta, Georgia, March 26, 1994.

Invited panelist. Lactate analysis (workshop). *4th International Conference on Equine Exercise Physiology*. Brisbane, Australia, July 12, 1994.

Serum muscle enzyme concentrations after treadmill endoscopy. *4th International Conference on Equine Exercise Physiology*. Brisbane, Australia, July 13, 1994.

Invited panelist. Submaximal versus maximal exercise tests (workshop). *4th International Conference on Equine Exercise Physiology*. Brisbane, Australia, July 13, 1994.

Effects of proposed modifications to Phase B. *AHSA / Kimberley Clark Field Trial Seminars*. Chatsworth, Georgia, August 25, 1994.

Single dose intravenous flunixin meglumine versus ketoprofen in experimentally-induced lameness in the horse. *40th Annual Convention American Association of Equine Practitioners*. Vancouver, British Columbia, Canada, December 4, 1994.

Effects of proposed modifications to Phases B and C. *International Three-Day Event Research Group*. Columbus, Ohio, April 1, 1995.

Metabolic recovery vs. thermoregulation on Phase C: Lactate and pH data. *International Three-Day Event Research Group*. Conyers, Georgia, August 15, 1995.

Research and recommendations for Phase C. *The Atlanta Cup Seminars*. Conyers, Georgia, August 16, 1995.

How do heat and humidity affect performance of three-day event horses? *Basis und Praxiswissen über Pferde. Tagung über Sportpferde*. Bonn, Germany, October 7, 1995.

Nonsteroidal anti-inflammatory drugs. *Japanese Equine Veterinary Symposium*. Urbana, Illinois, December 8, 1995.

Invited Panelist. Animal welfare panel. *15th Association for Equine Sports Medicine Meeting*. Bonn, Germany, June 24, 1996.

Modifications to the 1996 Olympic 3-day-events to optimize safety under hot and humid conditions. *15th Association for Equine Sports Medicine Meeting*. Bonn, Germany, June 24, 1996.

Thermoregulation in the horse exercising under hot and humid conditions. *15th Association for Equine Sports Medicine Meeting*. Bonn, Germany, June 24, 1996.

Use of magnetic resonance imaging in equine lameness diagnosis. *15th Association for Equine Sports Medicine Meeting*. Bonn, Germany, June 28, 1996.

Invited Panelist. Imaging panel. *15th Association for Equine Sports Medicine Meeting*. Bonn, Germany, June 28, 1996.

Fisiologia do exercíci - uma breve revisão. *II Curso Internacional de Medicina Equina*. Rio de Janeiro, Brazil, August 5, 1996.

Avaliação da capacidade física do equino atleta. *II Curso Internacional de Medicina Equina*. Rio de Janeiro, Brazil, August 5, 1996.

Conceitos atuais da preparação atlética do equino. *II Curso Internacional de Medicina Equina*. Rio de Janeiro, Brazil, August 6, 1996.

Parâmetros médicos no equino sob exercício na esteira rolante. *II Curso Internacional de Medicina Equina*. Rio de Janeiro, Brazil, August 6, 1996.

Cintigrafia óssea no diagnóstico de manqueiras. *II Curso Internacional de Medicina Equina*. Rio de Janeiro, Brazil, August 7, 1996.

Arterite viral equina. *II Curso Internacional de Medicina Equina*. Rio de Janeiro, Brazil. August 7, 1996.

Thermoregulation in the horse exercising under hot and humid conditions: Data from Atlanta '96. *Attualità in Medecina Sportiva. Società Italiana di Ippologia (Italian Association of Equine Practitioners)*. Verona, Italy, November 15, 1996.

Equine thermoregulation, three-day eventing, and the Olympic Games. *Accademia Peloritana dei Pericolanti*. Palazzo Universita. Messina, Italy, November 19, 1996.

Invited Panelist. Acid-base Workshop. *5th International Conference on Equine Exercise Physiology*. Utsunomiya, Japan, September 21, 1998.

Environmental stress and three-day eventing: Effects of altitude. *5th International Conference on Equine*

Exercise Physiology. Utsunomiya, Japan, September 22, 1998.

Forelimb skeletal scintigraphy responses in previously-untrained Thoroughbreds undergoing initial treadmill training. *6th International Conference on Equine Exercise Physiology*. Lexington, Kentucky, September 24, 2002.

Chair and Panelist. Workshop on Detection of Alkalinizing Agent Administration. *6th International Conference on Equine Exercise Physiology*. Lexington, Kentucky, September 24 and 27, 2002.

Chair. Electrolytes, Acid-Base and Thermoregulation Session. *6th International Conference on Equine Exercise Physiology*. Lexington, Kentucky, September 27, 2002.

Thyroid disorders in horses. *22nd Alberta Horse Breeders and Owners Conference*. Red Deer, Alberta, Canada, January 10, 2004 (invited).

Drugs in competition horses. *22nd Alberta Horse Breeders and Owners Conference*. Red Deer, Alberta, Canada, January 11, 2004 (invited).

Effects of endurance exercise on the neurological system. *FEI Conference on Welfare in Endurance Racing*, Newmarket, United Kingdom, June 29, 2004.

Musculoskeletal injuries in endurance exercise. *FEI Conference on Welfare in Endurance Racing*, Newmarket, United Kingdom, June 29, 2004.

The role of the event veterinarian at an FEI-sanctioned reining competition. *FEI Event Veterinarians Course*, Fair Hill, Maryland, October 14, 2005.

Effects of a pre-moistened multilayered breathable fabric in promoting heat loss during recovery after exercise under hot conditions. *7th International Conference on Equine Exercise Physiology*. Fontainebleau, France, August 29, 2006.

The role of the event veterinarian at an FEI-sanctioned reining competition. Panel on Differences between the Disciplines. *FEI Event Veterinarians Course*, Lexington, Kentucky, October 13, 2007.

Studies on half-doses of non-steroidal anti-inflammatory drugs in horses. *FEI Veterinary Committee*, Lausanne, Switzerland, August 15, 2010.

What is the case for using low levels of NSAIDs in competition? *FEI Congress on NSAIDs Usage and Medication in the Equine Athlete*, Lausanne, Switzerland, August 16, 2010.

Use of pain medications in lameness. *South Africa Horse Conference*. Johannesburg, South Africa, November 4-5, 2010.

Simultaneous use of multiple NSAIDs in horses. *South Africa Horse Conference*. Johannesburg, South Africa,

November 4-5, 2010.

Effects of bicarbonate administration (“milkshakes”). *South Africa Horse Conference*. Johannesburg, South Africa, November 4-5, 2010.

Medication rules in equine competitions. *South Africa Horse Conference*. Johannesburg, South Africa, November 4-5, 2010.

Physiological effects of eventing: Heat, altitude, and level of competition. *South Africa Horse Conference*. Johannesburg, South Africa, November 4-5, 2010.

A review of applied equine exercise physiology. *8th International Conference on Equine Exercise Physiology*, Stellenbosch, South Africa, November 11, 2010.

Efficacy of intravenous phenylbutazone and flunixin meglumine before, during, and after exercise in an experimental reversible model of foot lameness in horses. *8th International Conference on Equine Exercise Physiology*, Stellenbosch, South Africa, November 12, 2010.

Moderator. Genetics and performance session. *9th International Conference on Equine Exercise Physiology*, Chester, England, June 15, 2014.

Efficacy of phenylbutazone versus firocoxib in experimental lameness in horses. *9th International Conference on Equine Exercise Physiology*, Chester, England, June 15, 2014.

“Positive” plasma tCO₂ tests in racehorses in New York, Maine, and California result from day-to-day instrument variability. *9th International Conference on Equine Exercise Physiology*, Chester, England, June 16, 2014.

Non-steroidal anti-inflammatory drugs in horses. *International Conference on Equine Exercise Physiology Midterm Meeting*, Utrecht University, October 14, 2016.

National:

Cardiopulmonary responses to a traditional method of training the Thoroughbred racehorse. *8th Equine Nutrition and Physiology Symposium*. Lexington, Kentucky, April 30, 1983.

Sports medicine and the equine athlete. *25th United States Combined Training Association Annual Meeting*. Colorado Springs, Colorado, January 21, 1984.

Incidence of equine colic in the University of Georgia ambulatory practice. *2nd Equine Colic Research Symposium*. Athens, Georgia, October 1, 1985.

Physiological responses of Thoroughbred horses to conventional American race training. *67th Conference of Research Workers in Animal Disease*. Chicago, Illinois, November 17, 1986.

Weather changes and incidence of equine colic. *67th Conference of Research Workers in Animal Disease*. Chicago, Illinois, November 18, 1986.

A new method of teaching lameness evaluation in the horse. *10th Equine Nutrition and Physiology Symposium*. Fort Collins, Colorado, June 11, 1987.

Daily heart rate responses of conventionally-trained American Thoroughbred racehorses. *10th Equine Nutrition and Physiology Symposium*. Fort Collins, Colorado, June 12, 1987.

Lameness and heart rate elevation in the exercising horse. *10th Equine Nutrition and Physiology Symposium*. Fort Collins, Colorado, June 12, 1987.

Practical equine exercise physiology. *124th Annual Meeting of American Veterinary Medical Association*. Chicago, Illinois, July 20, 1987.

Heart rate monitoring and conditioning in horses. *124th Annual Meeting of American Veterinary Medical Association*. Chicago, Illinois, July 22, 1987.

Weather changes and the incidence of equine colic (poster). *3rd Equine Colic Research Symposium*. Athens, Georgia, November 1, 1988.

Effects of single dose intravenous phenylbutazone on lameness in the horse: A preliminary report. *69th Conference Research Workers in Animal Disease*. Chicago, Illinois, November 15, 1988.

Exercise intolerance in the horse: An overview. *7th ACVIM Forum*. San Diego, California, May 27, 1989.

Exertional myopathy in the exercise intolerant horse. *7th ACVIM Forum*. San Diego, California, May 27, 1989.

Equine lower airway disease and implications on performance. *7th ACVIM Forum*. San Diego, California, May 28, 1989.

Considerations in the diagnosis and management of infectious neonatal neurological diseases. *8th ACVIM Forum*. Washington, DC, May 12, 1990.

Risk factors for the development of post-transport pneumonia in horses. *8th ACVIM Forum*. Washington, DC, May 13, 1990.

Evaluation and treatment of neurologic lameness. *36th Annual Convention of American Association of Equine Practitioners*. Lexington, Kentucky, December 3, 1990.

Invited panelist. Exercise testing and performance evaluation. *10th Association for Equine Sports Medicine Meeting*. Reno, Nevada, March 2, 1991.

Heart rate and lameness in the exercising horse. *10th Association for Equine Sports Medicine Meeting*. Reno, Nevada, March 2, 1991.

Ceftiofur sodium for the treatment of naturally-acquired respiratory tract infections in horses. *9th ACVIM Forum*. New Orleans, Louisiana, May 30, 1991.

Moderator, Internal Medicine Section. *37th Annual Convention of American Association of Equine Practitioners*. San Francisco, California, December 2, 1991.

The chronic coughing horse: Treatment and management. *Upjohn Equine Respiratory Symposium. 6th North American Veterinary Conference*. Orlando, Florida, January 15, 1992.

Nuclear imaging for the lame horse (bone scanning). *6th North American Veterinary Conference*. Orlando, Florida, January 15, 1992.

Equine pleuropneumonia. *6th North American Veterinary Conference*. Orlando, Florida, January 16, 1992.

Potomac Horse Fever. *6th North American Veterinary Conference*. Orlando, Florida, January 16, 1992.

Transport stress-induced pneumonia: A model in young horses. *11th Association for Equine Sports Medicine Meeting*. Fallbrook, California, March 15, 1992.

Risk factors for respiratory disease associated with transport in horses. *11th Association for Equine Sports Medicine Meeting*. Fallbrook, California, March 15, 1992.

Stress reactions and stress fractures of the proximal palmar aspect of the third metacarpal bone in horses: 58 cases. *11th Association for Equine Sports Medicine Meeting*. Fallbrook, California, March 17, 1992.

Ceftiofur in the treatment of equine post-transport pneumonia. *10th ACVIM Forum*. San Diego, California, May 30, 1992.

Practical aspects of the use of ceftiofur sodium in the treatment of equine respiratory infections. *38th Annual Convention of American Association of Equine Practitioners*. Orlando, Florida, November 29, 1992.

Safety and the event horse: Using nuclear scintigraphy and high speed treadmill examinations to detect poor performance. *33rd United States Combined Training Association Annual Meeting*. Pittsburgh, Pennsylvania, December 5, 1992.

Effect of sodium bicarbonate on plasma volume, electrolytes, and blood gases. *12th Association for Equine Sports Medicine Meeting*. Fallbrook, California, March 16, 1993.

Moderator, Hematology Session. *12th Association for Equine Sports Medicine Meeting*. Fallbrook, California, March 16, 1993.

Equine exercise intolerance. *130th American Veterinary Medical Association Annual Meeting*. Minneapolis, Minnesota, July 18, 1993.

Ceftiofur sodium for the treatment of equine post-transport pneumonia. *130th American Veterinary Medical Association Annual Meeting*. Minneapolis, Minnesota, July 20, 1993.

Ceftiofur sodium for the treatment of equine post-transport pneumonia. *12th Veterinary Respiratory Symposium*. Kennett Square, Pennsylvania, September 27, 1993.

Exercise intolerance in horses. *Equitech '93*. Anaheim, California, October 31, 1993.

Equine treadmills. *Equitech '93*. Anaheim, California, November 2, 1993.

Equine viral arteritis outbreak. *13th Association for Equine Sports Medicine Meeting*. Fallbrook, California, March 5, 1994.

Chair of panel discussion. Advanced diagnostic techniques. *13th Association for Equine Sports Medicine Meeting*. Fallbrook, California, March 6, 1994.

Moderator. Focus on Eventing Session. *13th Association for Equine Sports Medicine Meeting*. Fallbrook, California, March 7, 1994.

Chair of panel discussion. Three-day eventing. *13th Association for Equine Sports Medicine Meeting*. Fallbrook, California, March 7, 1994.

Effects of proposed modifications to Phases B and C. *35th United States Combined Training Association Annual Meeting*. San Antonio, Texas, December 10, 1994.

Moderator. Session on diseases of the back and hock. *14th Association for Equine Sports Medicine Meeting*. Fallbrook, California, March 11, 1995.

Historical highlights in equine exercise physiology research. *14th Association for Equine Sports Medicine Meeting*. Fallbrook, California, March 11, 1995.

Moderator. Wet labs and practical demonstrations. *14th Association for Equine Sports Medicine Meeting*. Fallbrook, California, March 11, 1995.

Upper airway videoendoscopy. *14th Association for Equine Sports Medicine Meeting*. Fallbrook, California, March 11, 1995.

Effects of modifying Phases B and C in the laboratory. *14th Association for Equine Sports Medicine Meeting*. Fallbrook, California, March 13, 1995.

Results of the AHSA/Kimberly-Clark field trial. *14th Association for Equine Sports Medicine Meeting*.

Fallbrook, California, March 13, 1995.

Chair of panel discussion. Implications of heat and humidity stress for horses competing at the 1996 Olympics. *14th Association for Equine Sports Medicine Meeting*. Fallbrook, California, March 13, 1995.

Update on the exercise physiology research for Atlanta. *36th United States Combined Training Assoc Annual Meeting*. San Diego, California, December 10, 1995.

Moderator. Gastrointestinal Session. *1st Equine Exercise Physiology Researchers Meeting*. Columbus, Ohio, November 9, 1996.

Skeletal scintigraphy of previously untrained Thoroughbred horses during initial treadmill training. *1st Equine Exercise Physiology Researchers Meeting*. Columbus, Ohio, November 9, 1996.

Hypothyroidism and exercise intolerance in horses. *1st Equine Exercise Physiology Researchers Meeting*. Columbus, Ohio, November 9, 1996.

Thermoregulatory benefits from shortening Phase B in a treadmill-simulated 3-day event. *42nd Annual Convention American Association of Equine Practitioners*. Denver, Colorado, December 8, 1996.

Non-steroidal anti-inflammatory drugs in equine medicine. *24th Annual Conference of Veterinary Orthopedic Society*. Big Sky, Montana, March 4, 1997.

Experiences from the Atlanta Olympics. *16th Association for Equine Sports Medicine Meeting*. San Antonio, Texas, March 15, 1997.

Results from Atlanta: Heat and humidity. *16th Association for Equine Sports Medicine Meeting*. San Antonio, Texas, March 16, 1997.

Moderator. Foot Session. *16th Association for Equine Sports Medicine Meeting*. San Antonio, Texas, March 17, 1997.

Moderator. Research Abstracts. *15th ACVIM Forum*. Orlando, Florida, May 22, 1997.

Cardiovascular effects of equine hypothyroidism. *15th ACVIM Forum*. Orlando, Florida, May 24, 1997.

Bicarbonate versus acetate as oral alkalinizing agents. *2nd Equine Exercise Physiology Researchers Meeting*. East Lansing, Michigan, November 15, 1997.

Moderator. *2nd Equine Exercise Physiology Researchers Meeting*. East Lansing, Michigan, November 16, 1997.

Moderator. *17th Association for Equine Sports Medicine Meeting*. Leesburg, Virginia, March 7, 1998.

Moderator. Research Abstracts. *16th ACVIM Forum*. San Diego, California, May 22, 1998.

Bicarbonate vs. acetate as oral alkalinizing agents. *16th ACVIM Forum*. San Diego, California, May 22, 1998.

Moderator. Scintigraphy Panel. *16th ACVIM Forum*. San Diego, California, May 23, 1998.

Validation and comparison of two methods of measuring lactate in equine plasma. *3rd Equine Exercise Physiology Researchers Meeting*. Pullman, Washington, November 13, 1998.

Does ceftiofur cause diarrhea? *44th Annual Convention American Association of Equine Practitioners*. Baltimore, Maryland, December 7, 1998.

Invited Panelist. Antibiotic-induced diarrhea (Table Topic). *44th Annual Convention American Association of Equine Practitioners*. Baltimore, Maryland, December 9, 1998.

Moderator. Large Animal Infectious Diseases Research Abstracts. *17th ACVIM Forum*. Chicago, Illinois, June 10, 1999.

Horses and shipping. *40th United States Combined Training Association Annual Meeting*. Tampa, Florida, December 4, 1999.

Equine leukoencephalomalacia: Characterization of the clinical neurological disease following intra-venous fumonisin B1 administration to horses. *FDA-USDA Fumonisin Risk Assessment Workshop*. College Park, Maryland, January 11, 2000.

Performance-enhancing drugs: The veterinary perspective. *United States Olympic Committee Crew Chief Re-Certification Seminar*. Salt Lake City, Utah, March 17, 2000.

Losing control: Nutrition-related diseases of the central nervous system. *Advances in Equine Nutrition: Nutrition and Disease, a Conference for Feed Manufacturers*. Kentucky Equine Research, Lexington, Kentucky, May 1, 2001.

Clinical progression of neurological signs and cerebrospinal fluid values in horses with experimentally induced leukoencephalomalacia. *19th ACVIM Forum*. Denver, Colorado, May 23, 2001.

Efficacy of stacking non-steroidal anti-inflammatory drugs in horses. *National Thoroughbred Racing Association, Thoroughbred Owners and Breeders Association, Kentucky Equine Drug Council*. Keeneland Race Course, Lexington, Kentucky, April 19, 2002.

Use of steroidal and non-steroidal anti-inflammatory drugs in horses. *Equine Sports Medicine 2002*. Lexington, Kentucky, September 23, 2002.

Physiological changes in event horses competing in Training, Preliminary, Intermediate, and Advanced horse trials. *21st ACVIM Forum*. Charlotte, North Carolina, June 4, 2003.

Moderator. Research Abstracts. *22nd ACVIM Forum*. Minneapolis, Minnesota, June 9, 2004.

Does stacking of non-steroidal anti-inflammatories really work? *22nd ACVIM Forum*. Minneapolis, Minnesota, June 10, 2004.

Moderator. Equine General Medicine Session. *22nd ACVIM Forum*. Minneapolis, Minnesota, June 9, 2004.

Cardiac troponin-I plasma concentration in normal horses and in horses with arrhythmias and toxicities (poster). *23rd ACVIM Forum*, Baltimore, Maryland, June 2, 2005.

Phenylbutazone and flunixin meglumine used singly or in combination (“stacking”) in experimental lameness in horses. *25th ACVIM Forum*, Seattle, Washington, June 9, 2007.

Efficacy of phenylbutazone and flunixin meglumine administered simultaneously (“stacking”) versus a narcotic in experimental lameness in horses. *25th ACVIM Forum*, Seattle, Washington, June 9, 2007.

Ventricular tachycardia secondary to acute anemia from hemorrhage or hemolysis in horses. *25th ACVIM Forum*, Seattle, Washington, June 9, 2007.

Equine exercise intolerance. *144th American Veterinary Medical Association Annual Meeting*. Washington, D.C., July 14, 2007.

Basic equine cardiology for practitioners. *144th American Veterinary Medical Association Annual Meeting*. Washington, D.C., July 14, 2007.

Thermoregulation and Olympic competition. *144th American Veterinary Medical Association Annual Meeting*. Washington, D.C., July 15, 2007.

Pain management and competition rules. *144th American Veterinary Medical Association Annual Meeting*. Washington, D.C., July 15, 2007.

Dose titration of the clinical efficacy of intravenous phenylbutazone in a reversible model of foot lameness in horses. *28th ACVIM Forum*, Anaheim, California, June 12, 2010.

Dose titration of the clinical efficacy of intravenous phenylbutazone in a reversible model of equine foot lameness. *57th Annl Conv Am Assoc Equine Pract*, San Antonio, Texas, November 19, 2011.

Phenylbutazone and flunixin meglumine used singly or in combination in experimental lameness in horses. *57th Annl Conv Am Assoc Equine Pract*, San Antonio, Texas, November 19, 2011.

Use of the iPad tablet computer and E*Value™ curriculum management program to facilitate assessment and reporting of student performance on an objective structured clinical examination. *American Association of Veterinary Medical Colleges Annl Conv*, March 9, 2012 (poster presenter).

Illinois integrated veterinary professional curriculum. *Proc 2012 Veterinary Educator Collaborative Summer Symposium*, Fort Collins, Colorado, July 27, 2012.

Outcomes assessment. *149th American Veterinary Medical Association Annual Meeting*, San Diego, California, August 5, 2012.

Dose titration of the clinical efficacy of intravenous flunixin meglumine in a reversible model of equine foot lameness. *58th Annl Conv Am Assoc Equine Pract*, Anaheim, California, December 5, 2012.

Plasma drug concentrations 12- and 24-hours post-administration of half-doses of phenylbutazone either orally or intravenously. *58th Annl Conv Am Assoc Equine Pract*, Anaheim, California, December 5, 2012.

Efficacy of intramuscular meperidine hydrochloride versus placebo in experimental foot lameness in horses. *59th Annl Conv Am Assoc Equine Pract*, Nashville, Tennessee, December 8, 2013.

Invited facilitator. Medical pain management. Table Topic. *59th Annl Conv Am Assoc Equine Pract*, Nashville, Tennessee, December 10, 2013.

Invited moderator. M Vengust: CO₂ metabolism in health and disease in horses. *33rd ACVIM Forum*, Indianapolis, Indiana, June 4, 2015.

Medical alternatives to conventional cyclooxygenase inhibitors for treatment of acute foot pain in a reversible lameness model in horses. *33rd ACVIM Forum*, Indianapolis, Indiana, June 6, 2015.

State:

Foal pneumonia. *104th Iowa Veterinary Medical Association Meeting*. Des Moines, Iowa, January 28, 1986.

Practical equine exercise physiology. *106th Illinois State Veterinary Medical Association Meeting*. Chicago, Illinois, February 7, 1988.

Equine sports medicine. *Southern Illinois Veterinary Medical Association Spring Meeting*. Collinsville, Illinois, April 21, 1988.

Equine dermatology. *109th Illinois State Veterinary Medical Association Meeting*. Chicago, Illinois, February 10, 1991.

Update on ceftiofur and other antibiotics in horses. *110th Illinois State Veterinary Medical Association Meeting*. Arlington Heights, Illinois, February 15, 1992.

Equine exercise intolerance. *Horse Council of Illinois Pleasure and Performance Horse Conference*. Aurora, Illinois, February 22, 1992.

Ceftiofur sodium for the treatment of equine respiratory infections. *University of Pennsylvania Annual Conference*. Philadelphia, Pennsylvania, January 21, 1993.

Equine treadmill endoscopy. *112th Illinois State Veterinary Medical Association Meeting*. Chicago, Illinois, February 12, 1994.

Equine viral arteritis outbreak at Arlington International Racecourse. *112th Illinois State Veterinary Medical Association Meeting*. Chicago, Illinois, February 12, 1994.

Equine treadmill endoscopy. *112th Illinois State Veterinary Medical Association Meeting*. Chicago, Illinois, February 12, 1994.

Invited Expert Commentator. Understanding Lasix and bleeders. *Thoroughbred Racing Report* (television show). Hawthorne Racetrack, Cicero, Illinois, December 7, 1994.

A systems approach to exercise intolerance. *3rd Auburn University Sports Medicine Conference*. Auburn, Alabama, September 8, 1995.

Heart rate monitoring for fitness and fatigue. *3rd Auburn University Sports Medicine Conference*. Auburn, Alabama, September 8, 1995.

Proposed modifications to Phases B and C in three-day eventing. *3rd Auburn University Sports Medicine Conference*. Auburn, Alabama, September 9, 1995.

Non-steroidal anti-inflammatory drugs for horses. *33rd Annual University of Georgia Veterinary Conference and Alumni Reunion*. Athens, Georgia, April 13, 1996.

Pathophysiology, epidemiology, and diagnosis of equine pleuropneumonia. *Arizona Veterinary Medical Association Annual Meeting*. Mesa, Arizona, May 1, 1996.

A review of commonly used antibiotics in equine practice. *Arizona Veterinary Medical Association Annual Meeting*. Mesa, Arizona, May 1, 1996.

A systems approach to equine exercise intolerance. *Arizona Veterinary Medical Association Annual Meeting*. Mesa, Arizona, May 2, 1996.

Combating excessive heat and humidity in equine exercise. *Arizona Veterinary Medical Association Annual Meeting*. Mesa, Arizona, May 2, 1996.

A review of commonly used non-steroidal anti-inflammatory drugs in equine practice. *Arizona Veterinary Medical Association Annual Meeting*. Mesa, Arizona, May 2, 1996.

Equine exercise intolerance. *Indiana Association of Equine Practitioners*. Zionsville, Indiana, November 6, 1996.

Thyroid function in the performance horse. *Kentucky Horse Council*. Lexington, Kentucky, November 21, 1998.

Equine protozoal myelitis and other equine neurological diseases. *Southern Illinois Veterinary Medical Association Fall Conference*. Centralia, Illinois, November 1, 2000.

Olympic horses, heat, and humidity. *Carle Foundation Hospital Sports Medicine Conference: To End Career Enders, the Physician's Role*. Urbana, Illinois, December 8, 2000.

Equine protozoal myelitis and other equine neurological diseases. *Mississippi Valley Veterinary Medical Association*. East Peoria, Illinois, October 24, 2001.

Pain management in horses. *Southern California Veterinary Medical Association Galway Downs Three-Day Event Seminars*. Temecula, California, November 2, 2001.

Equine imaging panel. *120th Illinois State Veterinary Medical Association Meeting*. Springfield, Illinois, February 16, 2002.

Changes in body weight in horses. *97th Wisconsin Veterinary Medical Association Annual Convention*. Madison, Wisconsin, October 12, 2012.

Basic cardiology for equine practitioners. *97th Wisconsin Veterinary Medical Association Annual Convention*. Madison, Wisconsin, October 12, 2012.

Basic neurology for equine practitioners. *97th Wisconsin Veterinary Medical Association Annual Convention*. Madison, Wisconsin, October 12, 2012.

Equine exercise intolerance. *97th Wisconsin Veterinary Medical Association Annual Convention*. Madison, Wisconsin, October 12, 2012.

Heat stress in horses: Origins, management, and prevention. *97th Wisconsin Veterinary Medical Association Annual Convention*. Madison, Wisconsin, October 12, 2012.

What's new in musculoskeletal pain relief in horses? *97th Wisconsin Veterinary Medical Association Annual Convention*. Madison, Wisconsin, October 12, 2012.

Upper airway physiology and pathophysiology in horses. *110th Mississippi Valley Veterinary Medical Association Annual Convention*. East Peoria, Illinois, March 6, 2014.

What's new in pain management for horses? *110th Mississippi Valley Veterinary Medical Association Annual Convention*. East Peoria, Illinois, March 6, 2014.

Some important diseases of the equine neurological system. *110th Mississippi Valley Veterinary Medical Association Annual Convention*. East Peoria, Illinois, March 6, 2014.

Thermoregulation. *110th Mississippi Valley Veterinary Medical Association Annual Convention*. East Peoria, Illinois, March 6, 2014.

Musculoskeletal pain management. *Hudson Valley Veterinary Medical Society Fall Equine Conference*. Vassar College, Poughkeepsie, New York, November 12, 2016.

Drug testing in performance and pre-purchase conditions. *Hudson Valley Veterinary Medical Society Fall Equine Conference*. Vassar College, Poughkeepsie, New York, November 12, 2016.

Continuing Education:

Colic in an ambulatory practice: Incidence, diagnosis, and treatment. *Equine Colic Seminar*. University of Georgia, November 7, 1980.

Alternative methods of training. *1st Meeting on Sports Medicine for Equine Practitioners*. Washington State University, August 6, 1982.

Cardiopulmonary responses to a traditional method of training the Thoroughbred racehorse. *Spring Conference Research Reports*. Washington State University, March 24, 1983.

Alternative forms of training. *2nd Meeting on Sports Medicine for Equine Practitioners*. Washington State University, August 2, 1983.

Effects of detraining. *2nd Meeting on Sports Medicine for Equine Practitioners*. Washington State University, August 2, 1983.

Neonatal maladjustment syndrome. *Rochester Equine Clinic*. Rochester, New Hampshire, June 26, 1984.

Practical aspects of training Thoroughbreds. *3rd Meeting on Sports Medicine for Equine Practitioners*. Washington State University, July 20, 1984.

Effects of detraining. *3rd Meeting on Sports Medicine for Equine Practitioners*. Washington State University, July 20, 1984.

Equine pleuritis. *67th UIUC Fall Conference*. September 19, 1986.

Selected equine respiratory case reports. *67th UIUC Fall Conference*. September 19, 1986.

Common equine neurological diseases. *68th UIUC Fall Conference*. October 1, 1987.

Exercise intolerance and training regimes. *68th UIUC Fall Conference*. October 2, 1987.

Lower respiratory diseases. *69th UIUC Fall Conference*. October 6, 1988.

Equine lameness case studies. *69th UIUC Fall Conference*. October 6, 1988.

Potomac horse fever case studies. *69th UIUC Fall Conference*. October 7, 1988.

Non-gastrointestinal chronic weight loss. *69th UIUC Fall Conference*. October 7, 1988.

Chronic weight loss case studies. *69th UIUC Fall Conference*. October 7, 1988.

Common foot problems. *UIUC Therapeutic Shoeing Conference*. April 9, 1989.

Classification of diseases of the equine neonate. *70th UIUC Fall Conference*. October 5, 1989.

The use of ceftiofur sodium in equine respiratory disease. *71st UIUC Fall Conference*. October 12, 1990.

Ceftiofur update. *72nd UIUC Fall Conference*. October 3, 1991.

Equine treadmill endoscopy. *74th UIUC Fall Conference*. October 5, 1993.

Performance evaluations. *Racehorse Health Conference*. January 22, 1994.

Treadmill demonstration. *Racehorse Health Conference*. January 22, 1994.

Equine viral respiratory diseases. *77th UIUC Fall Conference*. October 4, 1996.

Equine cerebrospinal fluid collection. *UI SCAAEP Spring Conference*. March 22, 1997.

Equine protozoal myelitis. *78th UIUC Fall Conference*. October 6, 1997.

Equine protozoal myelitis. *UI SCAAEP Spring Conference*. February 7, 1998.

Equine urinary tract endoscopy. *79th UIUC Fall Conference*. October 15, 1998.

Equine imaging cases. *79th UIUC Fall Conference*. October 15, 1998.

Non-steroidal anti-inflammatory drugs. *80th UIUC Fall Conference*. October 15, 1999.

Heat stress in equine athletes. *80th UIUC Fall Conference*. October 15, 1999.

Pain management in horses. *82nd UIUC Fall Conference*. October 5, 2001.

Equine vaccination protocols. *Half Halt PC and surrounding pony clubs*. February 27, 2005.

Common exercise-related diseases in horses and their prevention. *UIUC Horse Owner's Conference*. February 3, 2007.

Equine infectious diseases. *Half Halt PC* and surrounding pony clubs. January 20, 2008.

Equine Endoscopy. *UIUC Internal Medicine Club*. February 21, 2008.

Heat stress: Management and prevention. *UIUC Horseman's Clinic*. February 4, 2012.

Equine neurological diseases. *UIUC Horseman's Clinic*. February 3, 2013.

Equine weight loss, nutrition, and dentistry. *Timbercrest Veterinary Services Annl Client Meeting*. Atlanta, Illinois, March 13, 2013.

Equine exercise intolerance. *UIUC Horseman's Clinic*. February 1, 2014.

Thermoregulation and heat stress in horses. *UIUC Horseman's Clinic*. February 7, 2015.

Equine neurological diseases. *UIUC Horseman's Clinic*. February 6, 2016.

CE Conferences Organized:

Program coordinator, equine sessions. *69th UIUC Fall Conference*. October 6-7, 1988.

Conference organizer, program coordinator. *UIUC Therapeutic Shoeing Conference*. April 9, 1989.

Program coordinator, equine sessions. *70th UIUC Fall Conference*. October 5-6, 1989.

Conference co-organizer. *UIUC Equine Reproduction Conference*. February 10, 1990.

Program co-organizer. *72nd UIUC Fall Conference*. October 3-4, 1991.

Conference co-organizer, moderator. *UIUC Equine Ultrasonography Workshop*. February 1, 1992.

Conference co-organizer. *12th Association for Equine Sports Medicine Meeting*. Fallbrook, California, March 14-16, 1993.

Conference co-organizer. *13th Association for Equine Sports Medicine Meeting*. Fallbrook, California, March 5-7, 1994.

Conference organizer. *14th Association for Equine Sports Medicine Meeting*. Fallbrook, California, March 10-13, 1995.

Conference co-organizer, moderator. *15th Association for Equine Sports Medicine Meeting*. Bonn, Germany, June 24-28, 1996.

Conference co-organizer, speaker. *Equine Sports Medicine 2002*. Lexington, Kentucky, September 20-21, 2002.

Conference co-organizer, moderator. *6th International Conference on Equine Exercise Physiology*. Lexington, Kentucky, September 22-28, 2002.

Academic Faculty:

Comparison of ambulatory and referral colics at the University of Georgia. *Departmental Seminar. University of Georgia*, April 22, 1980.

Neonatal maladjustment syndrome in the foal. *Faculty-Resident Seminar. Washington State University*, November 30, 1981.

Coxofemoral prosthesis in the foal: A preliminary report. *Faculty-Resident Seminar. Washington State University*, March 22, 1982.

Ultrasound diagnosis of pregnancy in the mare. *Advanced Radiology Seminar. Washington State University*, May 4, 1982.

Hydrocephalus in a Quarter Horse foal. *Faculty-Resident Seminar. Washington State University*, November 12, 1982.

Cardiopulmonary responses to a traditional method of training the Thoroughbred racehorse. *Faculty-Resident Seminar. Washington State University*, March 2, 1983.

Chronic weight loss in the horse: Starvation as a last rule out. *Faculty-Resident Seminar. Washington State University*, November 4, 1983.

Conventional and high frequency mechanical ventilation. *Internal Medicine Seminar. Washington State University*, January 18, 1984.

Chronic renal disease in the horse. *Faculty-Resident Seminar. Washington State University*, April 23, 1984.

Physiological responses of Thoroughbred horses to conventional race training. *Master's Thesis Defense. Washington State University*, May 22, 1984.

Chronic renal disease in the horse. *Large Animal Internal Medicine Seminar. North Carolina State University*, September 13, 1984.

Immunodeficiency disorders in domestic animals. *Internal Medicine Seminar. North Carolina State University*, October 5, 1984.

Physiological responses of Thoroughbred horses to conventional race training. *UIUC*, January 9, 1985.

Physiological responses of Thoroughbred horses to conventional race training. *North Carolina State University*, February 7, 1985.

Abnormalities of fat metabolism. *Internal Medicine Seminar, North Carolina State University*, February 15, 1985.

Computerized clinical competency test cases. *UIUC Computerized Learning Group*, March 9, 1990.

The use of ceftiofur sodium for the treatment of equine respiratory disease. *North Carolina State University*, May 14, 1991.

Scintigraphy and lameness diagnosis in horses. *University of Pennsylvania*, August 27, 1993.

Studies using a reversible lameness model in the horse. *Michigan State University*, May 1994.

Laminitis study protocol review. *Texas A & M Equine Laminitis Study Group*. Texas A & M University, November 13, 1994.

Stacking non-steroidal anti-inflammatory drugs. *UIUC-Purdue University Large Animal Medicine Faculty*, Covington, Indiana, November 18, 1999.

Olympic horses, heat, and humidity. *UIUC Department of VCM Seminars*, May 16, 2002.

Curricular innovations deriving from teaching innovations in the College of Veterinary Medicine. *University Teaching Academies Faculty Forum*. UIUC, Illini Union, September 30, 2009.

Panelist. Connecting classroom learning with experiential/field learning. *University Teaching Academies Faculty Forum*. UIUC, Illini Union, September 30, 2009.

Illinois integrated veterinary professional curriculum. *UIC College of Medicine Faculty*, Urbana, Illinois, February 19, 2013.

Student diversity climate within the College of Veterinary Medicine. *UIUC College of Veterinary Medicine Faculty and Staff*, Urbana, Illinois, March 11, 2015.

FIELD EXPERIENCE:

International:

Veterinary Assistant. *World Three-Day Eventing Championships*. Lexington, Kentucky, September 1978.

Attending Veterinarian (C Halt). *AHSA / Kimberley-Clark Field Trial* (an international study on safety in

eventing under hot-and-humid field conditions) for FEI/USOC/AHSA/ACOG (Atlanta Committee for the Olympic Games). Chatsworth, Georgia, August 24-29, 1994.

Attending Veterinarian (C Halt). *North American Young Riders Championships CCIY* Three-Day Event*. Wadsworth, Illinois, August 12, 1995.

Supervising Veterinarian (end of Phase D). *The Atlanta Cup CCI** Three-Day Event* (a venue test for the 1996 Olympic Summer Games CCIO Three-Day Events). Conyers, Georgia, August 17-20, 1995.

Supervising Veterinarian (end of Phase D). *Olympic Summer Games CCIO**** Three-Day Events* (Team and Individual Competitions). Conyers, Georgia, July 16-27, 1996.

Attending Veterinarian. *Modern Pentathlon. Olympic Summer Games*. Conyers, Georgia, July 16-27, 1996.

Supervising Veterinarian (end of Phase D). *North American Young Riders Championships CCIY** and CCAY* Three-Day Events*. Wadsworth, Illinois, August 9, 1997.

Supervising Veterinarian (end of Phase D). Apprentice Associate Veterinary Delegate. *North American Young Riders Championships CCIY** and CCAY* Three-Day Events*. Wadsworth, Illinois, August 10-15, 1999.

Emergency and Triage Veterinarian, assisted Veterinary Commission in official duties. *North American Young Riders Championships CCIY** and CCAY* Three-Day Events*. Wadsworth, Illinois, August 7-12, 2001.

Emergency and Triage Veterinarian, assisted Veterinary Commission in official duties. *North American Young Riders Championships CCIY** and CCAY* Three-Day Events*. Wadsworth, Illinois, August 6-11, 2002.

Veterinary Advisor, *17th International Mounted Games Association World Team Championships*, Lexington, Kentucky, July 21-27, 2003.

Invited Speaker. The role of the event veterinarian at an FEI-sanctioned reining competition. *FEI Event Veterinarians Course*, Fair Hill, Maryland, October 14, 2005.

Invited Panelist. The role of the event veterinarian at an FEI-sanctioned reining competition. *FEI Event Veterinarians Course*, Lexington, Kentucky, October 13, 2007.

Invited Member. *USA Reining Veterinary Panel*, to determine fitness and soundness of reining horses chosen to represent USA in the *World Equestrian Games*. Columbus, Ohio, September 2010.

Emergency and Triage Veterinarian, assisted Veterinary Commission in official duties. *World Equestrian Games CICO*****. Lexington, Kentucky, October 1-2, 2010.

Emergency and Triage Veterinarian, assisted Veterinary Commission in official duties. *World Equestrian Games CDIO*****. Lexington, Kentucky, October 8-9, 2010.

Invited Member. *USA Reining Veterinary Panel*, to determine fitness and soundness of reining horses chosen to represent USA in the *World Equestrian Games* in Normandy, France in August 2014. Columbus, Ohio, August 12, 2014.

National:

Veterinary Assistant. *Blue Ridge Three-Day Event*. Boyce, Virginia, May 1977.

Veterinary Assistant. *Western North Carolina 100-Mile Competitive Trail Ride*. Asheville, North Carolina, October 18-21, 1978.

Veterinary Assistant. *Old Dominion 100-Mile Endurance Ride*. Leesburg, Virginia, June 1980.

Veterinary Assistant. *United States 100-Mile Endurance Ride*. Leesburg, Virginia, June 1981.

Team Chaperone. *USPC Western National Combined Training Championships*. Woodside, California, August 5-7, 1982.

Treatment Veterinarian. *17th Rolex/USET CCI*** Championship Three-Day Event*. Lexington, Kentucky, April 29-30, 1995.

Attending Veterinarian (end of Phase D). *Bluegrass CCI** Three-Day Event and Horse Trials*. Lexington, Kentucky, May 27, 1995.

Supervising Veterinarian (end of Phase D). *18th Rolex/USET CCI*** Championship Three-Day Event*. Lexington, Kentucky, April 27, 1996.

Supervising Veterinarian (end of Phase D). *19th Rolex/USET CCI*** Championship Three-Day Event*. Lexington, Kentucky, April 26, 1997.

Emergency Veterinarian (Phases A-D). *1st Rolex/USET CCI**** Championship and 20th Rolex/USET Spring CCI*** Three-Day Events*. Lexington, Kentucky, April 25, 1998.

Emergency Veterinarian (Phases A-D). *2nd Rolex/USET CCI**** Championship and 21st Rolex/USET Spring CCI*** Three-Day Events*. Lexington, Kentucky, April 24, 1999.

Emergency Veterinarian (Phases A-D). *3rd Rolex/USET CCI**** Championship Three-Day Event*. Lexington, Kentucky, April 29, 2000.

Emergency Veterinarian (Phases A-D). *4th Rolex/USET CCI**** Championship Three-Day Event*. Lexington, Kentucky, April 28, 2001.

Emergency and Triage Veterinarian, assisted Veterinary Commission in official duties. *Ford Motor Company International CCI*** Three-Day Event and Horse Trials at Galway Downs*. Temecula, California, November

1-4, 2001.

Official FEI Veterinary Delegate. *United States Equestrian Team Qualifier CRI-B Reining Competition*. Gifford, Illinois, March 19-20, 2004.

Official FEI Veterinary Delegate. *United States Equestrian Team Qualifier CRI-B Reining Competition*. Gifford, Illinois, March 18-19, 2005.

Official FEI Veterinary Delegate. *United States Equestrian Team Qualifier CRI** Reining Competition*. Gifford, Illinois, March 17-18, 2006.

Official FEI Veterinary Delegate. *Central New York Reining Horse Association CRI* Reining Competition*. Syracuse, New York. June 7-8, 2006.

Official FEI Veterinary Delegate. *United States Equestrian Team Qualifier CRI** Reining Competition*. Gifford, Illinois, March 16-17, 2007.

Official FEI Veterinary Delegate. *Central New York Reining Horse Association CRI* Reining Competition*. Syracuse, New York. June 9, 2007.

Emergency Veterinarian. *11th Rolex/USEF CIC**** Championship Three-Day Event*. Lexington, Kentucky, April 26, 2008.

Official FEI Veterinary Delegate. *Morven Park Fall CCI* and Advanced Horse Trial*. Leesburg, Virginia. October 2-5, 2008.

Emergency Veterinarian. *12th Rolex/USEF CIC**** Championship Three-Day Event*. Lexington, Kentucky, April 25, 2009.

Official FEI Veterinary Delegate. *Otter Creek Spring CIC* and CIC** and Novice, Training, Preliminary, and Intermediate Horse Trials*. Wheeler, Wisconsin. May 21-24, 2009.

Official FEI Veterinary Delegate. *Central New York Reining Horse Association CRI** Reining Competition/USEF World Equestrian Games Qualifier*. Syracuse, New York. June 5-6, 2009.

Official FEI Veterinary Delegate. *Central Ohio Reining Horse Association CRI** Reining Competition/USEF World Equestrian Games Qualifier*. Findlay, Ohio. August 15-16, 2009.

Official FEI Veterinary Delegate. *The Tradition Futurity CRI*** Reining Competition/USEF World Equestrian Games Qualifier*. Lexington, Kentucky. September 10-11, 2009.

Official FEI Veterinary Delegate. *All-American Quarter Horse Congress CRI** Reining Competition/USEF World Equestrian Games Qualifier*. Lexington, Kentucky. October 3-4, 2009.

Emergency Veterinarian. *13th Rolex/USEF CIC**** Championship Three-Day Event*. Lexington, Kentucky,

April 24, 2010.

Emergency Veterinarian. *14th Rolex/USET CIC**** Championship Three-Day Event*. Lexington, Kentucky, April 30, 2011.

Emergency Veterinarian. *15th Rolex/USET CIC**** Championship Three-Day Event*. Lexington, Kentucky, April 28, 2012.

Emergency Veterinarian. *16th Rolex/USET CIC**** Championship Three-Day Event*. Lexington, Kentucky, April 27, 2013.

Emergency Veterinarian. *17th Rolex/USET CIC**** Championship Three-Day Event*. Lexington, Kentucky, April 26, 2014.

Emergency Veterinarian. *18th Rolex/USET CIC**** Championship Three-Day Event*. Lexington, Kentucky, April 25, 2015.

Emergency Veterinarian. *19th Rolex/USET CIC**** Championship Three-Day Event*. Lexington, Kentucky, April 30, 2016.

Regional/State:

Veterinary Assistant. *United States Pony Club (USPC) Virginia Regional C and D Combined Training Rally*. Middleburg, Virginia, July 1977.

Veterinary Assistant. *Cherokee 50-Mile Endurance Ride*. Rutledge, Georgia, April 8, 1978.

Veterinary Assistant. *Old Dominion 100-Mile Endurance Ride*. Leesburg, Virginia, June 1978.

Veterinary Assistant. *Timber Acres Three-Day Event*. Tuscaloosa, Alabama, March 24-25, 1979.

Veterinary Assistant. *USPC Virginia Regional B and C2 Combined Training Rally*. Leesburg, Virginia, July 1979.

Attending Veterinarian. *USPC Northwest Regional B and C3 Pony Club Rally*. Deary, Idaho, July 1-4, 1982.

Veterinary Judge. *Virginia Trail Riders Inc. (VTRI) 24th Annual 50-Mile Competitive Trail Ride*. Hot Springs, Virginia, April 9-12, 1984.

Veterinary Judge. *VTRI 28th Annual 100-Mile Competitive Trail Ride*. Hot Springs, Virginia, April 8-11, 1985.

Veterinary Judge. *VTRI 27th Annual 50-Mile Competitive Trail Ride*. Hot Springs, Virginia, April 6-9, 1987.

Veterinary Judge. *VTRI 31st Annual 100-Mile Competitive Trail Ride*. Hot Springs, Virginia, April 11-14, 1988.

Veterinary Judge. *VTRI 37th Annual 100-Mile Competitive Trail Ride*. Hot Springs, Virginia, April 11-15, 1994.

Association Veterinarian. *Arlington International Race Course*. Arlington Heights, Illinois, May 19-25, 1994.

Association Veterinarian. *Hawthorne Racetrack*. Cicero, Illinois, December 26-31, 1994.

Veterinary Judge. *VTRI 39th Annual 100-Mile Competitive Trail Ride*. Hot Springs, Virginia, April 8-11, 1996.

Veterinary Official. *USPC Heartland Region Show Jump Rally*. Romney, Indiana, June 7, 2014.

Veterinary Official. *USPC Heartland Region Show Jump Rally*. Romney, Indiana, June 6, 2015.