

# Caitlin M. O'Shea, DVM, MS, DACVS-LA, CVA

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## Work Experience

**Assistant Clinical Professor, Equine Surgery**, Mississippi State University, College of Veterinary Medicine, Starkville, Mississippi; *December 2022 – present*

**Owner, 4 White Feet Veterinary Services, Inc.**, equine specialty and acupuncture consultation and locum tenens; *July 2020 – present*

**Assistant Professor, Equine Practice**, Western University of Health Sciences, College of Veterinary Medicine, Pomona, California; *July 2020 – December 2022*

**Clinical Assistant Professor, Equine Orthopedic Surgery and Sports Medicine**, North Carolina State University, College of Veterinary Medicine, Raleigh, NC; *Aug 2018 – Jan 2020*

**Locum Large Animal Emergency Surgeon**, North Carolina State University, College of Veterinary Medicine, Raleigh, NC; *May 2018 – July 2018*

**Associate Surgeon**, Jenson Equine Hospital, Sunland Park, New Mexico; *Sunland Park race track season November 2017 – April 2018*

**Surgeon**, Sharjah Equine Hospital, United Arab Emirates; *Aug 2015 – Nov 2017*

**Associate Surgeon and Ambulatory Clinician**, Wolf Creek Equine Hospital, Lothian, MD; *June 2014 – May 2015*

**Large Animal Surgery Resident**, Virginia-Maryland Regional College of Veterinary Medicine, Blacksburg, VA; *December 2010 – 2014 (Chief Resident July 2013 – June 2014)*

**Large Animal Surgery Intern**, Virginia-Maryland Regional College of Veterinary Medicine, Blacksburg, Virginia; *July 2010 – November 2010*

**Equine Rotating Medicine and Surgery Intern**, San Luis Rey Equine Hospital, Bonsall, California; *July 2009 – June 2010*

## Education

**Master of Science**, 2014

**Virginia Polytechnic and State University**,

**Virginia-Maryland Regional College of Veterinary Medicine, Blacksburg, VA**

- Emphasis: Biomedical and Veterinary Sciences

- Thesis Title: Comparison of platelet counting technologies in equine platelet concentrates
- Advisor: Dr. Linda A. Dahlgren

**Doctorate in Veterinary Medicine, 2009**  
**Western University of Health Sciences, College of Veterinary Medicine,**  
**Pomona, CA**

**Bachelor of Science, 2005**  
**Cornell University, College of Agriculture and Life Sciences, Ithaca, NY**

- Double Major: Biological Sciences, concentrating in Animal Physiology; and Animal Science, concentrating in Dairy Production

### **Advanced Courses & Specialty Rotations**

- **Certified Equine Rehabilitation and Performance Veterinarian (CERP)** through the Integrative Veterinary Medical Institute, Reddick, FL; *enrolled 2019*
- **Zoonoses: Protecting People and Animals in Rural Communities;** The Center for Food Security and Public Health, Iowa State University; *May 2021*
- **Arthroscopy Course,** Arbeitsgruppe Pferd, Munich, Germany; *March 2019*
- **Certified Veterinary Acupuncturist Course;** mixed animal curriculum – endorsed by the Chi Institute of Chinese Medicine and the China National Society of TCVM; Chi Institute of Europe, Madrid, Spain; completed certificate *May 2019*
- **Traditional Chinese Veterinary Medicine (TCVM) Advanced Seminar – Electro-Acupuncture as an Anesthetic and Analgesic Method;** Chi Institute of Europe, Madrid, Spain; *June 2016*
- **TCVM Advanced Seminar – Canine Tongue and Pulse Diagnosis;** Chi Institute of Europe, Madrid, Spain; *June 2016*
- **TCVM Advanced Seminar – Equine Tongue and Pulse Diagnosis;** Chi Institute of Europe, Madrid, Spain; *June 2016*
- **International Society of Equine Locomotor Pathology (ISELP) Pelvis Module;** Hagyard Equine Medical Institute; Lexington, KY; *August 2015*
- **International Society of Equine Locomotor Pathology (ISELP) Farrier Course;** presented by Jean-Marie Denoix and Fraley Equine Podiatry; Lexington, KY; *August 2015*
- **Evidence Based Veterinary Acupuncture;** Chi Institute; *Spring 2015*
- **Radiology Specialty Rotation;** Animal Imaging, Irving, TX; *April 2014*
- **Anatomical and Clinical Pathology Specialty Rotation;** Mississippi State University, Mississippi State, MS; *March 2014*
- **AO North America Equine Advanced Techniques in Fracture Management Course;** Columbus, OH; *April 2013*
- **Internal Medicine/Emergency and Critical Care Specialty Rotation;** Anglesey Lodge Equine Hospital, Curragh, Kildare, Ireland; *March 2013*
- **Equine Laparoscopy Symposium;** Lansing, MI; *May 2012*
- **Gross Pathology Specialty Rotation;** University of Kentucky Livestock Disease Diagnostic Center, Lexington, KY; *May 2012*

**Professional  
Presentations  
Delivered**

- **AO North America Equine Principles of Fracture Management Course;** Columbus, OH; *April 2012*
- **Equine Upper Airway Symposium;** Lexington, KY; *September 2011*
- **Anesthesiology Specialty Rotation;** Cornell University Hospital for Animals, Ithaca, NY; *July 2011*
  
- **Treatment of a Chronic Open Carpal Joint Wound,** International Veterinary Student Association (IVSA) Alumni Case Presentations, *13 February 2023*
- **In-Depth: Preventative Medicine: Being Proactive in Your Practice,** Panel Member, AAEP Convention, San Antonio, *December 2022*
- **Arthritis Prevention in Sport Horses,** AAEP Convention, San Antonio, *December 2022*
- **Ethical Mentorship in Equine Practice: Important discussions from day 1 to retirement:** Moderator, AAEP Online Round Table Discussion, *August 24, 2022*
- **A “Joint” Effort,** Episode 5 of Season 2, The Horsemanship Journey, discussion of osteoarthritis for client audience, [www.thehorsemanshipjourney.com](http://www.thehorsemanshipjourney.com)
- **Current Therapies for Joint Disease in the Horse,** Viticus Group Western Veterinary Conference, Las Vegas, *March 2022*
- **Diagnosis and Management of Equine Back Pain,** Viticus Group Western Veterinary Conference, Las Vegas, *March 2022*
- **Management of Complicated Equine Wounds in the Field,** Viticus Group Western Veterinary Conference, Las Vegas, *March 2022*
- **Management of Equine Wound Infections in the Field,** Viticus Group Western Veterinary Conference, Las Vegas, *March 2022*
- **Continuing Educator of the Year Award 2021,** Western Veterinary Conference by Viticus Group, Las Vegas, *September 2021*
- **Management of Acute Wounds in the Horse,** Viticus Group Western Veterinary Conference, Las Vegas, *September 2021*
- **Management of Chronic Wounds in the Horse,** Viticus Group Western Veterinary Conference, Las Vegas, *September 2021*
- **Equine Skin Grafting,** Viticus Group Western Veterinary Conference, Las Vegas, *September 2021*
- **Regenerative Medicine Therapies in Equine Practice,** Viticus Group Western Veterinary Conference, Las Vegas, *September 2021*
- **Presenter and Examiner, ACVS Phase II Mock Exam,** Mississippi State University, *January 2021 and December 2021*
- **Traveling Through the Equine GI Tract; Colic Described by Region,** WesternU SCAAEP, *October 2020*
- **Introduction to Acupuncture and Complementary Medicine,** WesternU Holistic Club, *October 2020*
- **Equine Distal Limb Anatomy and Regional Nerve Blocks,** WesternU Surgery Club, Virtual, *September 2020*
- **How to Diagnose and Manage Equine Back Pain,** 24<sup>th</sup> Annual NC Veterinary Conference; Raleigh, NC *November 2019*

- **Non-Traditional and Biologic Therapies for Osteoarthritis; Looking Beyond Corticosteroids**, 24<sup>th</sup> Annual NC Veterinary Conference; Raleigh, NC *November 2019*
- **Introduction to Equine Acupuncture**, SCAAEP Horseman's Youth Day; Raleigh, NC *August 2019*
- **Continuing Education Rounds for Hospital Technicians: Equine Orthopedics**, NCSU Veterinary Teaching Hospital, Raleigh, NC *March 2019*
- **Common Lameness Causes and Treatments**, SCAAEP Equine Health Symposium, Owners Program; Raleigh, NC *February 2019*
- **Regenerative Therapies in Equine Practice**, Mississippi Veterinary Medical Association Winter Conference; Starkville, MS, USA; *February 2018*
- **Laminitis: Pathophysiology and Treatment Strategies**, Mississippi Veterinary Medical Association Winter Conference; Starkville, MS, USA; *February 2018*
- **Umbilical Problems: When is Surgery Appropriate?** Sharjah Equine Hospital Breeder's Symposium; Sharjah Equestrian and Racing Club, UAE; *February 2017*
- **Treatment of Complicated Wounds**, Annual Finnish Veterinary Congress; Helsinki, Finland; *December 2016*
- **Wounds and Wound Infections in the Field**, Annual Finnish Veterinary Congress; Helsinki, Finland; *December 2016*
- **Penetrating Wounds Treatment and Diagnosis**, Annual Finnish Veterinary Congress; Helsinki, Finland; *December 2016*
- **Diseases of P3 and the Hoof Capsule**, Annual Finnish Veterinary Congress; Helsinki, Finland; *December 2016*
- **The Colicky Horse**, Wolf Creek Equine Hospital Winter Lecture Series; *February 2015*
- **Suspensory Ligament Injuries**, Wolf Creek Equine Hospital Winter Lecture Series; *February 2015*
- **Equine Fracture Transport and First Aid**, Veterinary Musculoskeletal Course VM8284, Second Year Core Lecture, VMRCVM; *April 2014*
- **Comparison of platelet counting technologies in equine platelet concentrates**, Biomedical and Veterinary Sciences Graduate Program Master of Science Seminar; *February 2014*
- **Comparison of platelet counting technologies in equine platelet concentrates**, American College of Veterinary Surgeons Symposium, Residents' Forum; San Antonio, TX; *October 2013*
- **Comparison of platelet counting technologies in equine platelet concentrates**, Virginia Tech 29<sup>th</sup> Annual Graduate Student Association Research Symposium; *March 2013 (Poster)*
- **Comparison of platelet counting technologies in equine platelet concentrates**, Virginia Tech Biomedical and Veterinary Sciences 24<sup>th</sup> Annual Research Symposium; *March 2013 (Poster)*
- **Equine Fracture Transport and First Aid**, Veterinary Musculoskeletal Course VM8284, Second Year Core Lecture, VMRCVM; *March 2013*
- **Subchondral Cystic Lesions**, VMRCVM Resident Seminar; *January 2013*
- **Nephrosplenic Entrapment of the Equine Large Colon**, VMRCVM Resident Seminar; *September 2012*
- **Bone Plates in Large Animal Orthopedics**, VMRCVM Resident Seminar; *May 2012*

- **Disorders of the Equine Larynx**, VMRCVM Resident Seminar; *November 2011*
- **Regenerative Therapies in Equine Practice**, VMRCVM Resident Seminar; *April 2011*
- **The Hypothetico-Deductive Method, What are the Values and Limits of the Scientific Methodology?** Biomedical and Veterinary Sciences Graduate Student Seminar; *February 2011*

## Scholarly Writing

### Peer-reviewed Journal Articles

- **Comparison of platelet counting technologies in equine platelet concentrates**
  - Authors: O'Shea CM, Werre SR, Dahlgren LA
  - *Veterinary Surgery* – *April 2015*
  - DOI: 10.1111/j.1532-950X.2014.12290.x
- **Polyarthritis secondary to septic thrombophlebitis in an Arabian mare**
  - Authors: Lores M, Cantos J, De Rijck M, O'Shea CM
  - *Equine Veterinary Education* – *April 2018*
  - DOI: 10.1111/eve.12696
- **Segmental ischaemic necrosis of the small intestine in a post-partum mare resulting from non-strangulating mesenteric rents**
  - Authors: Vilaregut L, O'Shea CM, Lores M, Couto G, Misheff M
  - *Equine Veterinary Education* – *August 2020*
  - DOI: 10.1111/eve.13059
- **Ex-Vivo evaluation of a percutaneous looped thread desmotomy of the accessory ligament of the deep digital flexor tendon in horses**
  - Authors: Orozco Lopez D, Mochal-King C, Fontenot R, O'Shea CM
  - *Submitted to Veterinary Surgery May 2023*

### Abstracts & Proceedings

- **Arthritis Prevention in Sport Horses and Preventative Medicine: Being Proactive in Your Practice Panel**
  - American Association of Equine Practitioners, 68<sup>th</sup> Annual Convention, San Antonio, *November 2022*
- **Current Therapies for Joint Disease in the Horse**
  - Viticus Group Western Veterinary Conference, Las Vegas, *March 2022*
- **Diagnosis and Management of Equine Back Pain**
  - Viticus Group Western Veterinary Conference, Las Vegas, *March 2022*
- **How to Diagnose and Manage Equine Back Pain**
  - Proceedings of the 24<sup>th</sup> Annual NC Veterinary Conference; *November 2019*
- **Non-Traditional and Biologic Therapies for Osteoarthritis; Looking Beyond Corticosteroids**
  - Proceedings of the 24<sup>th</sup> Annual NC Veterinary Conference; *November 2019*
- **Wounds and Wound Infections in the Field**
  - Proceedings of the Annual Finnish Veterinary Congress; *December 2016*

- **Comparison of platelet counting technologies in equine platelet concentrates**
  - Authors: O'Shea CM, Werre SR, Dahlgren LA
  - American College of Veterinary Surgeons Symposium; San Antonio, TX; Large Animal Residents' Forum Presentation; *October 2013*
- **Comparison of platelet counting technologies in equine platelet concentrates**
  - Authors: O'Shea CM, Werre SR, Dahlgren LA
  - Virginia Tech 29<sup>th</sup> Annual Graduate Student Association Research Symposium; Blacksburg, VA; Abstract & Poster Presentation; *March 2013*
- **Comparison of platelet counting technologies in equine platelet concentrates**
  - Authors: O'Shea CM, Werre SR, Dahlgren LA
  - Virginia Tech Biomedical and Veterinary Sciences 24<sup>th</sup> Annual Research Symposium; Blacksburg, VA; Abstract & Poster Presentation; *March 2013*

**Client, Peer, and Student Education**  
**Articles & Reports and Mentee Posters**

- **Empowering our new colleagues: Ethical considerations for the modernization of equine internships**
  - Co-authored with Dr. Jackie Christakos
  - Equine Veterinary Education (EVE), Ethics Column
  - *April 2023*
- **“We’ve Always Done It This Way...”**
  - Equine Veterinary Education (EVE), Ethics Column
  - *April 2021*
- **Case Commentary on *Rhodococcus equi* and Osteomyelitis**
  - Newsletter of Friesian Horse Association of North America
  - *November 2019*
- **Equine Motor Neuron Disease and Vitamin E Deficiency – a veterinary update**
  - The Show Hub Equestrian Magazine, [www.uaeshowhub.com](http://www.uaeshowhub.com) *August 2017*
  - <http://pub.lucidpress.com/0742bffe-f2bd-4974-a491-14beacdb5aa/>
- **Horse Hooves and Ground Surface**
  - Sharjah Equestrian and Racing Club Client Update
- **“Ruby” WesternU Equine Problem Based Learning Case Education Tool**
  - Co-Authors: Leslie McLaughlin, Txema Peralta, Ana Alcaraz
  - acute renal injury and anemia associated with ingestion of red maple leaves
- **Equine Blood Microbiome in a Cohort of Clinically Healthy Trail Riding Horses**, Student Poster and Abstract, Western University of Health Sciences, Veterinary Summer Research Program, *August 2023*
  - Noel Simms DVM Class of 2025, Joseph Bertone, DVM, MS, DACVIM, Tonatiuh Melgarejo, DVM, MS, PhD, Caitlin O'Shea, DVM, MS, DACVS, Theros T. Ng, PhD, Annika Linde, DVM, PhD, MPH

## Formal Teaching Experience and Course Instruction

- **CVM 5254 Large Animal Intensive Care and Emergency Clinical Rotation;** Course Coordinator, MSU CVM, *May 2023 – present*
- **CVM 5264 Equine Medicine & Surgery,** MSU CVM, *December 2022 – present*
- **CVM 5153 Equine Medicine and Surgery I,** Instructor, MSU CVM
  - Dentistry; *10/06/23*
  - Gastric/Gastrointestinal Ulcers; *10/09/23*
- **CVM 5173 Equine Medicine and Surgery II,** Instructor, MSU CVM
  - Dentistry; *02/13/23*
  - Gastric/Gastrointestinal Ulcers; *02/17/23*
  - Local/Intra-Articular Anesthesia/Analgesia; *February 2024*
  - Non-Septic Synovitis/Bursitis and Intra-Articular Therapies; *February 2024*
  - Patent Urachus/Ruptured Bladder; *April 2024*
  - Pre-Purchase Examination; *April 2024*
- **CVM 5301 Clinicopathological Conference (CPC),** MSU CVM
  - Savannah Nelson, “Kit Kat Paddywack” (equine sarcoids) *May 5, 2023*
- **CVM 5560, 5570, 5580 Equine 4<sup>th</sup> year Advanced Clinical Rotation (ACR),** MSU CVM
  - Kaci Squires, *July 10-23, 2023*
- **PBL;** Problem Based Learning Facilitation, WesternU CVM; *Summer 2021 – December 2022*
- **CVM 7035 Surgery and Anesthesia;** third year course for introduction to live animal surgery and anesthesia, WesternU CVM; *Fall 2020 – December 2022*
- **CVM 7030 Equine Practice I;** course director for third year course for equine practice in a referral setting distributive model, WesternU CVM; *Fall 2020 – December 2022*
- **CVM 7031 Equine Practice II;** course director for third year course for equine practice in an ambulatory setting distributive model, WesternU CVM; *Fall 2020 – December 2022*
- **CVM 5000 and CVM 5100 Veterinary Basic and Medical Sciences;** grand rounds for "Lakota" (equine tenosynovitis and DJD) and "Harry" (equine pemphigus foliaceus and laminitis) for first- and second-year students; WesternU CVM; *Fall 2020*
- **VMC 995 Clinical Conference;** NAVLE Board Exam Equine Musculoskeletal Review for fourth year veterinary students, NCSU CVM; *Fall 2019*
- **VMB 911 Veterinary Anatomy;** first year veterinary student anatomy course – didactic lectures and lab, NCSU CVM; *Fall 2019*
- **VMC 978 Equine Lameness and Imaging;** fourth year veterinary student rotation at NCSU CVM; *Spring 2019*
- **VMC 968 Equine Orthopedics;** fourth year veterinary student rotation at NCSU CVM; *2018 – 2020*
- **VMP 936 Equine Lameness Exam;** second year veterinary student wet lab at NCSU CVM; *Spring 2019*
- **VMC 965 Perineural and Intra-Synovial Injections;** third year veterinary student wet lab at NCSU CVM; *Spring 2019*

- **VMC 975 Equine Surgery;** fourth year veterinary student rotation at NCSU CVM; *2018 – 2020*
- **VMC 966 Equine Emergency and Critical Care;** fourth year veterinary student rotation at NCSU CVM blocks 1 – 4; *May 2018 – July 2018*
- **VetPD Hindlimb Lameness Diagnostics and Therapies;** 2-Day Practical Course Sponsored in part by Boehringer Ingelheim; Sharjah Equine Hospital; *April 2017*
- **VM 8284** Veterinary Musculoskeletal System; VMRCVM; *Spring 2013, Spring 2014*
- **VM 8696** Equine Medicine and Surgery II Wound Lab; VMRCVM; *Spring 2013*
- **VM 8695** Equine Medicine and Surgery I Lameness Lab; VMRCVM; *Fall 2012*
- **VM 8354** Clinical Techniques Laboratory; VMR CVM; *Fall 2010 & Fall 2011*
- **VM 8624** Principles and Practices of Surgery Laboratory; VMRCVM; *Fall 2010 & Fall 2011*

### **Professional Organizations & Committee Memberships**

- American College of Veterinary Surgeons (Diplomate, Large Animal 2015)
- AAEP Professional Conduct and Ethics Committee, 2020 – present
- American Association of Equine Practitioners (AAEP)
- American Veterinary Medical Association (AVMA)
- AVMA Online Educator Community
- Viticus Group, Western Veterinary Conference, Equine Program Coordinator, 2022 – present
- Faculty Advisor, Student Chapter of the American Association of Equine Practitioners, Western University, 2020 – 2022
- Faculty Advisor, Animal Nutrition Club, Western University, 2020 – 2022
- MAWO, Meru Animal Welfare Association, Tanzania, liaison for North America
- WesternU CVM Admissions Committee Member, July 2020 – December 2022, Vice-Chair July 2021 – December 2022
- Faculty Affairs Committee Member, WesternU CVM, July 2020 – December 2022
- Search Committee Member, Theriogenology Faculty Position, WesternU CVM, Fall 2021
- Search Committee Member, Equine Orthopedic Surgery and Sports Medicine Faculty Position, North Carolina State University, Spring 2019
- Resident Advisor and Mentor, American Board of Veterinary Practitioners (ABVP), Sharjah Equine Hospital
  - Dr. Laura Villaregut
  - Dr. Felipe Brandao Costa
- Cornell Varsity Club – Inaugural Council and Founders Committee
- Founding Board Member, Cornell Equestrian Team Alumni Association
- 2017 collaborator and coordinator with VetPD for continuing education courses in the Middle East and South Asia regions

### **Active Veterinary Licenses:**

State of Mississippi 2650  
 State of California 17668  
 State of New York 013605

**USDA Accreditation Number** 055779

**FEI Permitted Treating Veterinarian** 10170285