

**NAME:** Gary M. Baxter VMD, MS

**PRESENT POSITION:** Professor of Surgery and Assistant Department Head, Department of Clinical Sciences, College of Veterinary Medicine and Biomedical Sciences, Colorado State University

### **EDUCATION**

Diplomate, American College Veterinary Surgeons, February 1989

MS, University of Georgia, Department of Physiology/Pharmacology, 1988

VMD, University of Pennsylvania School of Veterinary Medicine, 1984 Summa cum Laude

BS, Pennsylvania State University, 1980

### **PAST POSITIONS AND TRAINING**

Associate Professor of Large Animal/Equine Surgery, Department of Clinical Sciences, College of Veterinary Medicine and Biomedical Sciences, Colorado State University, July 1994-2000.

Assistant Professor of Large Animal/Equine Surgery, Department of Clinical Sciences, College of Veterinary Medicine and Biomedical Sciences, Colorado State University, July 1990-1994.

Assistant Professor of Surgery, Department of Large Animal Medicine, College of Veterinary Medicine, University of Georgia, July 1988 - June 1990.

Large Animal Surgery Residency, Department of Large Animal Medicine, College of Veterinary Medicine, University of Georgia, July 1985 - July 1988.

**PROFESSIONAL ORGANIZATIONS:** American College Veterinary Surgeons (Member of Board of Regents, 2002 – present), American Veterinary Medical Association, American Association of Equine Practitioners, Veterinary Orthopedic Society, and American Association of Veterinary Clinicians

### **HONORS AND AWARDS:**

Best Research Publication in Veterinary Surgery Journal (1989)

Best Publication in the Equine Veterinary Journal (1996)

**RESEARCH AND CLINICAL INTERESTS:** Lameness and joint disease, arthroscopic and orthopedic surgery, orthopedic infections, nutraceuticals, laminitis, bone spavin

### **SELECTED RESEARCH GRANTS AND PUBLICATIONS:**

1. Investigating the roles of articular cartilage and subchondral bone trauma in the development of subchondral cystic lesions in horses. American Quarter Horse Association, 1992. PI. (\$35,912).
2. Assessment of corticosteroid dose titrations using equine articular cartilage explants *in vitro*. College Research Council, Colorado State University, 1994. PI. (\$17,500).
3. Effects of glucosamine and chondroitin sulfate on equine articular cartilage explants *in vitro*. College Research Council, Colorado State University and ACVS, 1999. PI. (\$21,000).
4. Intraarticular drilling and/or laser treatment for arthrodesis of the distal tarsal joints in horses. College Research Council, Colorado State University, 2001. PI (\$22,500).
5. Ray CS, Baxter GM, McIlwraith CW, et al. Development of subchondral cystic lesions after articular cartilage and subchondral bone damage in young horses. *Equine Vet J* 1996;28:225-232.
6. Baxter GM. Instrumentation and techniques for treating orthopedic infections in horses. In, *Veterinary Clinics of NA; Equine Practice*. WB Saunders, Philadelphia, PA.1996;12:303-335.
7. Ingle-Fehr JE, Baxter GM. The effect of oral isoxsuprine and pentoxifylline on digital and laminar blood flow in healthy horses. *Vet Surg* 1999;28:154-160.
8. Dechant JE, Baxter GM, Southwood LL, et al. Distal tarsal arthrodesis using a 3-drill tract technique for treatment of bone spavin in 65 horses (1990-1998). *J Am Vet Med Assoc*, 2003;223: 1800-1805.
9. Baxter GM, Southwood LL, Dechant JE. Treatment of distal tarsal osteoarthritis in horses. *Compendium Contin Educ Pract Vet* 2003;25:148-156.
10. Scruton C, Baxter GM, Frisbie DD. Comparison of intra-articular drilling and diode laser treatment for arthrodesis of the distal tarsal joints in horses. Accepted for publication, *Equine Vet J*, 2005.