

BIOGRAPHICAL SKETCH

Provide the following information for the key personnel and other significant contributors in the order listed on Form Page 2.
Follow this format for each person. **DO NOT EXCEED FOUR PAGES.**

NAME Ryan, Stewart Donald	POSITION TITLE Assistant Professor Special appointment in musculoskeletal oncology research		
eRA COMMONS USER NAME			
EDUCATION/TRAINING (Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)			
INSTITUTION AND LOCATION	DEGREE (if applicable)	YEAR(s)	FIELD OF STUDY
University of Melbourne, Australia Colorado State University, CO, USA	BVSc (Hons) M.S.	1989 2006	Veterinary Science Small Animal Surgery

A. Positions and Honors.**Positions and Employment**

1989 – 1991 Kyabram Veterinary Clinic, VIC, Australia
 1991 – 1993 Greensborough Veterinary Clinic, VIC, Australia
 1993 – 1999 Private practice veterinary surgery, Hong Kong
 1999 – 2003 Surgical Consultancy Services, mobile surgical services, Hong Kong
 2003 – 2006 Small animal surgery residency and Masters, Colorado State University, CO
 2006 – 2007 Research Fellowship in musculoskeletal oncology, Animal Cancer Center, CSU, CO
 2007 - Assistant Professor, Animal Cancer Center, Colorado State University, CO

Other Experience and Professional Memberships

1995 - 1997 Treasurer, Hong Kong Veterinary Association (HKVA)
 1999 - 2003 President, Hong Kong Veterinary Association (HKVA)
 Organized inaugural and next 3 annual scientific meetings
 Prepared bid to host WSAVA Congress, presented at Lyon
 1995 Membership by examination small animal surgery chapter, Australian College of Veterinary Scientists (ACVSc)
 2007 Membership by examination, American College of Veterinary Surgeons (ACVS)
 2007 Associate member Veterinary Society of Surgical Oncology (VSSO)
 2003-2007 Member Veterinary Orthopedic Society (VOS)

Honors

2007 Mark Bloomberg award, Veterinary Orthopedic Society

B. Selected peer-reviewed publication (in chronological order)

1. Ryan S, Seim H, 3rd, Macphail C, et al. Comparison of biofragmentable anastomosis ring and sutured anastomoses for subtotal colectomy in cats with idiopathic megacolon. *Vet Surg* 2006;35:740-748.
2. Ryan SD, Wagner AE. Cesarean section in dogs: Physiology and perioperative considerations. *Compendium on Continuing Education for the Practicing Veterinarian* 2006;28:34-42.
3. Ryan SD, Wagner AE. Cesarean section in dogs: Anesthetic management. *Compendium on Continuing Education for the Practicing Veterinarian* 2006;28:44-54.

C. Research Support.

MS RA1 Ehrhart, NE (PI) 2007 – 2008 Total budget: \$365,000

Biodistribution and acute toxicity of 223-radium chloride in normal dogs

The major goals of this project are to document the biodistribution of 223-radium and acute toxicity after single dose injection of three dose levels and a control in normal dogs as a critical part of an IND application to the FDA. Organized ACC MS Lab to be GLP compliant wrote proposal, ACUC, coordinated pathology, clinical pathology and dosimetry consultants and worked directly with industry sponsor.

Role: Co-Investigator

Dernell, (PI) 2006-2007 Total budget: ~ \$ 20,000

Sheep condyle collection

Sheep condyles were collected from unrelated projects and transported to Allosource for bacteriological testing and evaluation of novel allograft treatment processes.

Role: Co-Investigator

Morley, P (PI) 2006-2007 Total budget: ~ \$ 26,000

Statistical analysis of risk factors for bacterial contamination of cadaveric allografts

The goal of this study was to identify risk factors associated with bacterial contamination that occurs during joint restoration tissue allograft procurement and processing. Identification of risk factors could lead to changes in tissue procurement practices and lead to a higher yield of distributable donor tissue

Role: Co-Investigator

Turner, AS (PI) 2007-2008

Dural sealant in a sheep craniotomy model.

The goal of this study is to assess the efficacy of a novel dural sealant for use in human brain surgery.

Role: Co-Investigator

Turner, AS (PI) 2007-2008 Total budget; \$210,000

Anterior cruciate ligament (ACL) repair in a sheep model.

The goal of this study is to assess a novel sterilization technique of tendon allografts in an ovine model.

Role: Co-Investigator