

## Rehabilitation, Sports Medicine and Regenerative Medicine:

Presented by Dr. Samuel P. Franklin, MS, DVM, PhD; Diplomate, American College of Veterinary Surgeons; Diplomate, American College of Veterinary Sports Medicine & Rehabilitation; Assistant Professor, Small Animal Orthopedic Surgery University of Georgia College of Veterinary Medicine

Saturday, January 24, 2015 @ 2:00pm **NO DOGS AT THIS MEETING**

Oconee County Chamber of Commerce

55 Nancy Drive

Watkinsville, GA 30677

The facility has a microwave, refrig & sink so we can have refreshments. It has the equipment that allows for computer-generated programs. This meeting is open to any ORKC members who missed the presentation the first time.

Dr. Franklin attended veterinary school at Colorado State University. He then completed an internship at the University of Pennsylvania before moving to the University of Missouri to complete a residency and PhD in small animal surgery. He achieved board certification in small animal surgery in January 2012 and is currently finishing his doctoral research investigating and developing bioabsorbable materials for joint replacement and resurfacing. His clinical interests also include an emphasis on minimally invasive laparoscopic, thoracoscopic, and arthroscopic procedures.

### Educational Background

- Diplomate of the American College of Veterinary Sports Medicine & Rehabilitation (2013)
- Diplomate of the American College of Veterinary Surgeons (2012)
- PhD in Veterinary Pathobiology, University of Missouri (2012)
- Small Animal Surgery Residency, University of Missouri (2008-2012)
- Rotating Internship in Small Animal Medicine and Surgery, University of Pennsylvania (2007-2008)
- Doctor of Veterinary Medicine, Colorado State University (2007)
- Master of Science, University of Maryland (2004)

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### Research Interests

Dr. Franklin's clinical and research interests overlap considerably and include:

- Arthroscopy
- Minimally invasive surgical techniques including minimally invasive fracture repair and minimally invasive joint stabilization
- Medial compartment elbow replacement
- Hip replacement
- Canine sports medicine treatments including platelet rich plasma and hyaluronic acid treatment
- Canine rehabilitation
- Regenerative medicine and tissue engineering

Some of Dr. Franklin's ongoing research projects include:

- Characterization of PRP using different commercially available PRP concentrating systems
- Use of ultrasound, MRI, and arthroscopy for assessment of meniscal injury in dogs
- Treatment of cartilage defects of the hip in dogs using osteochondral grafting techniques