

# Curriculum Vitae

## Eric M. Magrum PT, DPT, OCS, FAAOMPT

University of Virginia/Healthsouth Outpatient Sports Medicine  
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### Education:

Doctorate in Physical Therapy, 5/2010  
Virginia Commonwealth University

Orthopaedic Manual Physical Therapy Fellowship Program  
Gulf Coast Graduate Physical Therapy Institute  
Michael Rogers, OMPT, OCS director 2/99-6/00

BS, Physical Therapy, 1994  
University of Connecticut; Storrs, Connecticut

### Professional Experience:

Senior Physical Therapist  
Director of APTA Accredited Orthopaedic Residency Program  
University of Virginia - Healthsouth  
UVA-Musculoskeletal Service Center  
Charlottesville, Virginia 9/00 - present

### Supplementary Education:

- *Running Medicine 2013\_From the Lab to the Clinic* 3/13
- *Trigger Point Dry Needling\_Level 1* 2/13  
*Matt Hayes PT, CHT, CMPT*
- *APTA Combined Sections Meeting* 1/13
- *Strategies for Successful Residency and Fellowship Mentoring* 1/13
- *IFOMPT Conference – Rendez-vous of Hands and Minds* 9/12
- *APTA – Advanced Clinical Practice – Cervical Spine Disorders* 7/12  
*Robert Boyles PT, DSc, OCS, FAAOMPT*
- *Diagnostic Accuracy – Chad Cook PhD, MBA* 6/12

- *Running Medicine 2012: The Gait Debate* 3/12
- *APTA – Advanced Clinical Practice – Lumbar Spine and Pelvis*  
*Robert Boyles PT, DSc, OCS, FAAOMPT* 7/11
- *Running Medicine 2011: Lumbopelvic-Hip Dysfunction* 3/11
- *AAOMPT Annual Conference* 10/10
- *APTA – Advanced Clinical Practice - Evaluation and Treatment of the Shoulder* 7/10  
*George Davies DPT, SCS, ATC, CSCS, FAPTA*
- *High-Velocity Low-Amplitude Thrust Manipulation* 6/10  
*James Dunning DPT, MSc Manip Ther, MSPT, OCS, MTC, MAACP, MCSP, FAAOMPT*
- *Running Medicine 2010 Running Through the Ages* 4/10
- *4<sup>th</sup> Annual Central Virginia Spine Symposium* 4/09
- *Running Medicine 2009: The Triathlete* 3/09
- *APTA Advanced Credentialed Clinical Instructor Program* 9/08
- *Running Medicine 2008: From the Lab to the Track* 3/08
- *Running Medicine 2007: Focus on The Female Athlete* 3/07
- *12<sup>th</sup> Annual AAOMPT Conference- “Manual Physical Therapy and the Lower Quarter Kinetic Chain”* 10/06
- *Manipulation: An Evidence Based Approach A Clinical and Faculty Workshop* 4/06  
*Dr Ron Scheck PT PhD OCS FAAOMPT*
- *Running Medicine 2006: Health and Human Performance* 4/06
- *APTA Clinical Education and Credentialing Program* 3/06  
*Melissa Wolf-Burke PT ATC EdD*
- *Functional Biomechanics of the Lower Quarter: Implications for Movement Dysfunction and Musculoskeletal Injury*  
*Chris Powers PhD, PT; Stephen Reischel DPT, OCS* 10/05
- *Running Medicine 2005 – Focus on Biomechanics of the Foot and Ankle* 4/05
- *Running Medicine 2004: Sports Medicine for the Endurance Athlete* 4/04
- *Acute Post MVA Cervical Dysfunction: The First Six Months*  
*James Meadows BScPT, MCPA, FCAMT* 2/04
- *Running Course* 10/02  
*Jennifer Shamus PhD, MSPT, CSCS;*  
*Dennis Whitesel MS, PT, SCS, ATC*
- *The Sensitive Nervous System*  
*David Butler PT, M.App.Sc* 9/02
- *Cincinnati Sports Medicine Conference – Advances on the Knee and Shoulder* 5/02

- Foot-Ankle Update  
Mark Beckett PT 4/02
- Mechanical Differential Assessment  
Brad Jordan PT, MOMT 10/01
- Evaluation and Management of Lumbar Spine  
Jim Beazell PT, OCS, FAAOMPT, ATC 7/01
- Shoulder Update  
Ron Johnson PT, MPT, ATC, CSCS 3/01
- Evaluation and Management of Cervicothoracic Spine  
Jim Beazell PT, OCS, FAAOMPT, ATC 2/01
- Knee Roundtable  
Mike McCormack MHS, PT, SCS, ATC 10/00
- Advanced Manual Therapy Techniques  
Dr Laurie Hartman, DO, PhD, MRO 3/00
- Manual & Exercise Therapy for Patients with Pain and  
Asymmetrical Functional Patterns in the Thoracic,  
Lumbar & Lower Extremity Regions  
Bjorn Svendsen, DHSc, PT 10/99
- Muscle Function and Dysfunction in Pain Syndromes of the  
Musculoskeletal System  
Dr. Vladimir Janda 6/99
- Evaluation and Treatment of the Sacroiliac Joint and  
Related Pelvic Joint Dysfunction  
Michael Rogers, OMPT, OCS 1/99
- Isolating and Integrating the Functional Chain  
Brian McEwan, PT 10/98
- When the Feet Hit the Ground Everything Changes  
Suzie Lefever, PT and Keith Larson, PT 5/98
- Lumbo-Pelvic Integration  
Kent Keyser, MS, PT, OCS, ATC 2/98
- Mobilization of the Nervous System  
Bernie Goueth, PT 10/97
- Functional Orthopedics I  
Greg Johnson, PT 5/97
- Myofascial Release I  
John Barnes, PT 10/96
- Evaluation and Treatment of the Shoulder  
Lyn Watson, GDMT, PT 3/96
- Foot Biomechanics and Orthotic Therapy  
Michael Wooden, PT 10/95
- Spinal Evaluation and Manipulation  
Russell Smith, PT 2/95

### **Professional Affiliations:**

Board Certified Orthopedic Specialist	2002
APTA- Orthopedic Section	1993-present
Fellow American Academy of Orthopedic Manual Physical Therapists	1998-present

### **Teaching Experience:**

- Director/Primary Instructor – APTA Accredited Orthopaedic Residency Program

- Long Term Orthopedic Manual Therapy Course - Develop and Primary instructor  
2002-present
- Evidence Based Medicine-Evaluation and Management of Patellofemoral Pain Syndrome
- Evaluation and Management of the Lumbar Spine
- Evaluation and Management of the Cervical Spine
- Core Stability – Web Ex presentation
- Thoracic outlet syndrome – Web Ex presentation
- Abnormal Illness Behavior in Low Back Pain – Web Ex presentation
- Core Stability Influences on Lower Quarter Dysfunction – Web Ex presentation
- Extremity and Spinal Joint Mobilization
- VPTA Annual Conference 2003 – *“Lumbar/Hip/Pelvis Differentiation”*- 10/03
- Pedorthic Curriculum - Oklahoma State at Okmulgee
- Running Medicine 2004: Sports Medicine for the Endurance Athlete - *“Core Stability – Influences on Lower Quarter Dysfunction”*; *“Treatment of Lower Quarter Dysfunction”* – 4/04
- Running Medicine 2005: Focus on Biomechanics of the Foot and Ankle – *“Evolution of Orthotics – Clinical Implications and Directions for Future Research”*; *“Orthotic Management for the Endurance Athlete”* -4/05
- South East American College of Sports Medicine Conference: *“Compartment Syndrome”*-2/06
- Running Medicine 2006: Health and Human Performance - *“Functional Evaluation and Core Stability for the Performance Athlete”* -4/06
- Advances in Athletic Care of the Lower Extremity: *“Functional Evaluation and Core Stability –8/06*
- *Running Medicine 2007: Focus on the Female Athlete: “Rehab of Common Female Gait Deviations”*
- *Running Medicine 2008: From the Lab to the Track :”Achilles Tendonopathy”*
- *Evidence Based Practice: Evaluation and Management of Patellofemoral Pain Syndrome*
- *Running Medicine 2009: The Triathlete: “Shoulder Instability in Swimmers”*
- *Running Medicine 2010: Running Through the Ages: “Case Study – Osteitis Pubis, Tibial Stress Fracture”*
- *Running Medicine 2011: Lumbopelvic-Hip Dysfunction: “Labral Pathology in an Elite Running Athlete”*
- *Running Medicine 2012 : Orthotic Management for the Running Athlete*
- *Running Medicine 2013 : Update on Patellofemoral Pain Syndrome*

## **AWARDS/APPOINTMENTS**

- Outstanding Clinical Instructor of the Year 2005-6
- Clinical Assistant Professor – VCU 2005- present
- Center Coordinator for Clinical Education: UVA/Healthsouth - 2002-present

## **RESEARCH**

**HIC# 9865 Title: Validity of Manual Spinal Stability Testing in the Lumbar Spine**

*Principal Investigator:* Francis Shen, MD

*Sub-Investigators:* Eric Magrum, PT, FAAOMPT, OCS, Mark Anderson, MD, Vincent Arlet, MD, Mark Harper, MD, Robert Wilder, MD, David Rubendal, MD, Dilwaar Mistry, MD, Ian Marks, PA

*Study Coordinator:* James R. Beazell, MS, PT, FAAOMPT, OCS

**HIC # 11738 The Use of Real Time Ultrasound Biofeedback for Spinal Exercise**

*Principal Investigator:* Francis Shen, MD

*Sub-Investigators:* James Beazell, Eric Magrum, Jay Dicharry, Sara Squires

*Study coordinator:* James R. Beazell

Pursuit of funding from DePuy Surgical Company for potential research

**HIC #11745 Fears of Pain in the Prediction of Disability Ratings and Physical Therapy Progress in Patients with Chronic Lumbar and Cervical Pain**

*Primary Investigator:* Kevin Vowles, PhD

*Sub Investigators:* James R. Beazell, Eric Magrum, Jay Dicharry, Sara Squires, Doug Meyers

*Study Coordinator:* James Beazell

**HIC# 11730 Effects of lumbosacral joint mobilization/manipulation on lower extremity muscle neuromuscular response.**

*Primary Investigator:* Terry Grindstaff, PhD candidate Curry School

*Sub investigators:* Chris Ingersol, James Beazell, Eric Magrum

*Study coordinator:* Terry Grindstaff

**Research Grant Proposals with Barron and Assoc development of specific Small Business Research Grant from NIH**

Functional Testing of the Lower Quarter  
Spinal Proprioception Study

**HIC# 11730 Effects of lumbosacral joint mobilization/manipulation on lower extremity muscle neuromuscular response.**

*Primary Investigator:* Terry Grindstaff, PhD candidate Curry School

*Sub investigators:* Chris Ingersoll, James Beazell, Eric Magrum

*Study coordinator:* Terry Grindstaff

**HIC# 12966 Effects of proximal and distal tibiofibular joint manipulation on lower extremity muscle activation, ankle range of motion, and functional outcome scores in individuals with chronic ankle instability.**

*Primary Investigator:* Terry Grindstaff, PhD candidate Curry School

*Sub investigators:* Jay Hertel, James Beazell, Eric Magrum

*Study coordinator:* James Beazell

**HIC # 12595 Palpations of Multifidus by Physical Therapist Comparison to MRI findings**

Primary Investigator: Mark Anderson, MD

Sub investigators: James Beazell, Eric Magrum, Kevin Cross, Melise Mullins, Kelly Cope, Justin Markey

Study coordinator: James Beazell

### **IRB # 14073: Investigation of pelvic girdle dysfunction in the low back pain population**

Primary Investigator: Robin Hammil-Ruth MD

Sub investigators: James Beazell, Kate Paylo MD, Eric Magrum, Kevin Cross, Melise Mullins, Kelly Cope, Justin Markey

Study coordinator: James Beazell

## **GRANTS**

Orthopedic Section Grant, American Physical Therapy Association

Project Title: Effects of proximal and distal tibiofibular joint manipulation on lower extremity muscle activation, ankle range of motion, and functional outcome scores in individuals with chronic ankle instability.

James Beazell, MS, PT, OCS, FAAOMPT, ATC, Eric M. Magrum, PT, OCS, FAAOMPT, Lindsay Drewes, MEd, ATC, Terry L. Grindstaff, PT, ATC, CSCS, Jay Hertel, PhD, ATC, FACSM, Chris Ingersol, PhD, ATC, FACSM

## **PUBLICATIONS**

Beazell J, **Magrum E**. Rehabilitation of head and neck injuries in the athlete. *Clinics in Sports Medicine* 22(2003) 523-557.

**Magrum E**, Dicharry J. Orthotics and Footwear. Just the Facts: Sports Medicine. McGraw- Hill Publishing. New York, New York. 2004.

Grindstaff TL, Hertel J, Beazell JR, **Magrum EM**, Ingersoll CD. Effects of lumbopelvic joint manipulation on quadriceps activation and strength in healthy individuals. *Manual Therapy* 14.4 (2009): 415-20.

Beazell JB, Grindstaff TL, **Magrum EM**, Wilder RP. Treatment of Lateral Knee Pain by addressing Tibiofemoral Hypo mobility in a Recreational Runner. *NAJSPT* 4(1) 2009, 21-30.

Grindstaff T L, Beazell JR, **Magrum EM**, Hertel J. Taping Technique for Restricted Ankle Dorsiflexion- Pearls of Practice. *Athletic Training and Sports Health Care*. 1(4). July/August 2009.

Grindstaff TL, Beazell JR, **Magrum EM**, Hertel J. Stretching Technique for Restricted Ankle Dorsiflexion While Maintaining Subtalar Joint Neutral. *Athletic Training and Sports Health Care*. 1(2). March/April 2009

Grindstaff T, Beazell J, **Magrum E** et al. Ankle dorsiflexion range of motion restriction- Interventions. *Athletic Training and Sports Health Care*.1 (3), 2009.

Grindstaff T, Beazell J, **Magrum E** et al. Ankle dorsiflexion range of motion restriction- Assessment. *Athletic Training and Sports Health Care* 1(1), 1-2. 2009.

**Magrum E**. Swing Test-Pearls of Practice. *Athletic Training and Sports Health Care*. 2(5) September/October 2010.

**Magrum E**, Wilder RP. Evaluation of the injured runner. Clinics in Sports Medicine. 2010 Jul;29(3):331-45.

Wilder RP, **Magrum E**. Exertional compartment syndrome. Clinics in Sports Medicine. 2010 Jul;29(3):429-35.

Beazell JR, Grindstaff TL, Hart JM, **Magrum EM**, Cullaty M, Shen FH. Changes in lateral abdominal muscle thickness during an abdominal drawing-in maneuver in individuals with and without low back pain. Res Sports Med. 2011 Oct;19(4):271-82.

Beazell JR, Grindstaff TL, Sauer LD, **Magrum EM**, Ingersoll CD, Hertel J. Effects of a proximal or distal tibiofibular joint manipulation on ankle range of motion and functional outcomes in individuals with chronic ankle instability. J Orthop Sports Phys Ther. 2012 Feb;42(2):125-34.

Grindstaff TL, Hertel J, Beazell JR, **Magrum EM**, Kerrigan DC, Fan X, Ingersoll CD. Lumbopelvic joint manipulation and quadriceps activation of people with patellofemoral pain syndrome. J Athl Train. 2012 Jan-Feb;47(1):24-31.

Jayaseelan DJ, **Magrum EM**. Eccentric training for the rehabilitation of a high level wrestler with distal biceps tendinosis: a case report. Int J Sports Phys Ther. 2012 Aug;7(4):413-24.

Herman DC, **Magrum EM**, Hertel J. "Chronic Ankle Instability" in Therapeutic Programs for Musculoskeletal Disorders, Wyss JF, Patel AD, Eds. New York: Demos Medical Publishing, 2013, pp. 227-232.

Dicharry J, **Magrum EM**. "Footwear and Orthotics" in ACSM's Sports Medicine- A Comprehensive Review, O'Connor FG, Casa DJ, Davis BA, St. Pierre p, Sallis RE, Wilder RP, Eds. Philadelphia: Wolters Kluwer Health, 2013, pp. 530-538

Wilder RW, **Magrum EM**. Evaluation of the Injured Runner. Textbook of Running Medicine. Human Kinetics. 2012. In Press.

Co Editor : Textbook of Running Medicine. Human Kinetics. 2012. In Press.