CURRICULUM VITAE

Dr. Brent Harper, PT
DSc, DPT, PhD, Cert. MDT, Dip. FM, Cert. DN, CKTP, CSCS, OCS, FAAOMPT

Roanoke, VA
Doctoral Program in Physical Therapy
Radford University

Education:

Andrews University
Berrien Springs, MI
2008-2011
Physical Therapy: Orthopedic Manual Physical Therapy
Doctor of Science (DSc) – May 2011

Ola Grimsby Institute
San Diego, CA
2005-2008
Orthopedic Manual Therapy
Doctor of Philosophy (PhD) – Nov 2008

Western University of Health Sciences
Pomona, CA
2004-2005
Physical Therapy
Doctor of Physical Therapy (DPT) – Oct 2005

Ola Grimsby Institute
San Diego, CA
2000-2005
Manual Therapy / Physical Therapy
Doctor of Manual Therapy (DMT) – Aug 2005
Doctor of Physical Therapy (DPT) – May 2004

Loma Linda University
Loma Linda, CA
1994-1997
Physical Therapy / Life Sciences
Master of Physical Therapy (MPT) / Bachelor of Science (BS) – June 1997

Southern College
Collegedale, TN
1991-1994
Business Administration / Religious Studies / Pre-Physical Therapy
Bachelor of Science (BS) / Bachelor of Arts (BA) / Associate of Science (AS) – May 1994

Licensure Information/Registration Number:

License to Practice – Physical Therapist

Commonwealth of Virginia:	License #2305206906
California:	License #22662
Oklahoma:	License #4059
Washington State:	License #9327

Direct Access Certification – Physical Therapy

Commonwealth of Virginia:	License #2307000546

Employment and Positions Held:

Assistant Professor
Tenure Track
Radford University
Radford, VA
From 2011 to present

Advanced Physical Therapy of Virginia
Part-Time/PRN Staff Physical Therapist
Salem, VA
From 2012 to present

SouthCrest Hospital
Director of Orthopedic Surgery Service Line
Tulsa, OK
From 2009 to 2011

SouthCrest Hospital
Director of Rehab Services / Wellness Center
Tulsa, OK
From 2007 to 2011

Community Medical Group of Riverside, Inc.
Staff Physical Therapist
Riverside, CA
From 1999 to 2007

PerformaX Physical Therapy
Manager/Director, specializing in wellness/prevention.
Riverside, CA
From 1998 to 1999

Southern California Sports Rehabilitation, Inc.
Manager, specializing in aquatic therapy.
Los Angeles, CA and Tarzana, CA
From 1997 to 1998

Peer Reviewed Publications:

1. **Harper B.** Concussion assessment: neuromuscular concerns. *Lower Extremity Review*. 2013;5(5):49-54.
2. **Harper B.** Intramuscular manual therapy after failed conservative care: a case report. *Orthopaedic Practice.* 2013;25(2):78-84
3. **Harper B**. Iatrogenic nerve injury following dry needling for foot pain. *Practical Pain Management.* 2012;12(10):21-31.
4. **Harper B**. Intramuscular manual therapy for heel pain. *Lower Extremity Review.* 2012;4(11):51-58.
5. **Harper, BA.** What is the clinical value of labral special tests? *Scientific Physical Therapy*. 2008;17(3):1-9.
6. **Harper, BA.** Implementing Evidence-Based Medicine for Cervicogenic Headache. *Scientific Physical Therapy*. 2007;16(3): 1-15.
7. **Harper, BA.** Evidence-Based Medicine for Manipulation and Vertebral Artery Concerns. *Scientific Physical Therapy*. 2006;15(1):3-7.
8. **Harper, BA.** Evidence-Based Medicine for the Treatment of Cervicogenic Headache and Whiplash Associated Disorders. *Scientific Physical Therapy*. 2006;15(2): 4-10.

Peer Reviewed Scientific and Professional Presentations:

1. **Harper BA**, Steinbeck L. Regional Interdependence: The Role of Connective Tissue in Biomechanical Movement As Evidenced Through the Fascial Manipulation© Method – A Case Report, Accepted as a poster presentation at the American Academy of Orthopaedic Manual Therapist Conference, Cincinnati, OH. (10/13).
2. **Harper BA**, Ryan SG. Intramuscular Manual Therapy (Dry Needling) for Chronic Right Medial Elbow Pain in A 17-Year-Old Baseball Pitcher: A Case Report, Accepted as a poster presentation at the American Academy of Orthopaedic Manual Therapist Conference, Cincinnati, OH. (10/13).
3. **Harper B**, Jagger K, Castleberry J, Siyufy A, Aron A, Huth R, Swanson E, John E. Developing an Autonomous Entry-Level Doctor of Physical Therapy Practitioner: The Science and Art of a Clinical Education Program [abstract]. Presentation as a poster at the proceedings of the 2013 Conference on Higher Education Pedagogy Proceedings, the 5th Annual Conference on Higher Education Pedagogy, Hosted by the Center for Instructional Development and Educational Research (CIDER), Virginia Tech, Blacksburg, VA. (02/13)
4. Castleberry J, **Harper B**, Huth R, Jagger K, John W, Siyufy A, Swanson E. An integrated doctor of physical therapy curriculum: fulfilling a growing community need [abstract]. Presented as a poster at the proceedings of the 2012 Conference on Higher Education Pedagogy Proceedings, the 4th Annual Conference on Higher Education Pedagogy, Hosted by the Center for Instructional Development and Educational Research (CIDER), Virginia Tech, Blacksburg, VA. (02/12)
5. **Brent Harper –** Capstone Project (Doctor of Science in Physical Therapy/Orthopedic Manual Physical Therapy, D.Sc. degree): Intramuscular Manual Therapy (Dry Needling) for Chronic Right Elbow Lateral Epiconylagia: A Case Report, Presentation as a poster at the American Academy of Orthopaedic Manual Therapist Conference, Anaheim, CA. (10-28-11).
6. **Harper BA** and Ryan SG. Cuboid manipulation in a patient with chronic ankle sprain and history of fibular fracture and os trignonum: a case report. *Scientific Physical Therapy.* 2011;20(1):1-11. Presentation as a poster at the American Academy of Orthopaedic Manual Therapist Conference, Anaheim, CA. (10-28-11)

Peer Reviewed Abstracts:

1. **Harper, BA.** Clinical Reasoning for Upper Cervical Spine Manipulation: A Modified Extensive Literature Review [abstract]. *J Man Manip Ther*. 2009;17(3):E96. Abstract of: Harper, BA. *Clinical Reasoning for Upper Cervical Spine Manipulation: A Modified Extensive Literature Review* [doctoral dissertation]. San Diego, CA: Ola Grimsby Institute; 2008. Presentation as a poster at the American Academy of Orthopaedic Manual Therapist Conference, Anaheim, CA. (10-16-09)
2. **Harper, BA.** Cervical spine manipulation for the treatment of cervicogenic headache: A modified extensive literature review [abstract]. *J Man Manip Ther*. 2009;17(3):E96. Abstract of: Harper, BA. *Cervical Spine Manipulation for the Treatment of Cervicogenic Headache: A Modified Extensive Literature Review* [doctoral dissertation]. San Diego, CA: Ola Grimsby Institute; 2005. Presentation as a platform presentation at the Ola Grimsby Institute Fifteenth Annual Competency Forum, San Diego, CA (08-18-07) and as a poster at the American Academy of Orthopaedic Manual Therapist Conference, Anaheim, CA. (10-28-11)

Non-Peer Reviewed Presentations:

1. **Brent Harper** & Dan Newman – Experience the Training Room – Lumbar Injuries, Practical Applications in Sports Medicine, Palm Springs, CA (5-30-08).
2. **Brent Harper** & Dan Newman – Training Room Lumbar Evaluation and Rehab, Practical Applications in Sports Medicine, Palm Springs, CA (5-30-08).
3. **Brent Harper** – Exercise Dosing = Optimal Rehabilitation, Practical Applications in Sports Medicine, Palm Springs, CA (6-1-07).
4. **Brent Harper** – Demystifying the Lumbar Spine: Improving Clinical Reasoning, Practical Applications in Sports Medicine, Palm Springs, CA (6-10-06).
5. **Brent Harper** – Strengthening the Trunk for Competition, at Practical Applications in Sports Medicine, Palm Springs, CA (6-6-03).

Grant Activity:

1. 2012-2013 – Siyufy A & **Harper B**. College Research/Scholarly Project Award, Waldron College of Health and Human Services Grant: A Descriptive Study of the Centralization Phenomenon Occurrence Post Lumbar Spine High Velocity Low Amplitude Thrust Manipulation. A Prospective Analysis. ($10,000)
2. 2011-2012 – **Harper B**. College Research/Scholarly Project Award, Waldron College of Health and Human Services Grant: Intramuscular Manual Therapy for Myofascial Trigger Points from Mechanism of Action to Efficacy of Treatment: A Review. ($10,000)

Other Scholarly Products:

Brent Harper – Capstone Project (Doctor of Science in Physical Therapy/Orthopedic Manual Physical Therapy, D.Sc. degree): Intramuscular Manual Therapy (Dry Needling) for Chronic Right Elbow Lateral Epiconylagia: A Case Report.

Brent Harper – Dissertation (Doctor of Orthopedic Manual Therapy, Ph.D. degree): Clinical reasoning for upper cervical spine manipulation: modified extensive literature review. In accordance with the OGI/State of Utah for the completion of Ph.D. in Orthopedic Manual Therapy.

Brent Harper – Dissertation (Doctor of Manual Therapy, DMT degree): Cervical spine manipulation for the treatment of cervicogenic headache: a modified extensive literature review. In accordance with the OGI/State of Utah for the completion of DPT proposal and DMT dissertation.

Crombie C, Foley S, **Harper B**, McGuire R, Palmieri J, Schwartz D, Smithwick A, Sooter M, Sulzle H – **Thesis** (Master of Physical Therapy): Accuracy of short-term goal setting by physical therapists for total hip replacement patients in an acute setting. In accordance with Loma Linda University for the completion of MPT.

Continuing Education Workshops Developed/Organized/Instructed:

Clinical Reasoning for Upper Cervical Spine Manipulation, Oklahoma Medical Board Approved Continuing Education Course for SouthCrest Hospital, 3 contact hours/CEU's, Category A, #201100161 & 201100568, Reporting Period 01/01/2010 to 12/31/2011.

Spondylolysis/Spondylolisthesis and the Adolescent Athlete, Oklahoma Medical Board Approved Continuing Education Course for SouthCrest Hospital, 3 contact hours/CEU's, Category A, #201100755, Reporting Period 01/01/2010 to 12/31/2011.

Pulmonary Rehab in Acute Care Physical Therapy: The Basics, Oklahoma Medical Board Approved Continuing Education Course for SouthCrest Hospital, 4 contact hours/CEU's, Category A, #201100828, Reporting Period 01/01/2010 to 12/31/2011.

McKenzie Method: Basic Cervical and Thoracic Spine Concepts, Oklahoma Medical Board Approved Continuing Education Course for SouthCrest Hospital, 3 contact hours/CEU's, Category A, #201101042, Reporting Period 01/01/2010 to 12/31/2011.

McKenzie Method: Basic Lumbar Spine Concepts, Oklahoma Medical Board Approved Continuing Education Course for SouthCrest Hospital, 3 contact hours/CEU's, Category A, #201101043, Reporting Period 01/01/2010 to 12/31/2011.

Introduction to the Concepts of Intramuscular Manual Therapy, Oklahoma Medical Board Approved Continuing Education Course for SouthCrest Hospital, 2 contact hours/CEU's, Category A, #201101404, Reporting Period 01/01/2010 to 12/31/2011.

Intramuscular Manual Therapy: Trigger Point Dry Needling for Select Muscles of the Upper Quarter, Oklahoma Medical Board Approved Continuing Education Course for SouthCrest Hospital, 8.5 contact hours/CEU's, Category A, #2011101991, Reporting Period 01/01/2010 to 12/31/2011.

Spondylolysis/Spondylolisthesis and the Adolescent Athlete, Oklahoma Medical Board Approved Continuing Education Course for SouthCrest Hospital, 3 contact hours/CEU's, Category A, #200902859, Reporting Period 01/01/2008 to 12/31/2009.

Membership in Scientific/Professional Organizations:

APTA (American Physical Therapy Association member since 1995). **Orthopaedic, Sports**

and Education Sections. Education Section: Academic Faculty SIG, since September 2009.

AAOMPT (American Academy of Orthopaedic Manual Physical Therapists, since 2001). **Fellow – FAAOMPT**, since April 2005.

NASS (North American Spine Society, from 2003 - 2012).

ABS (American Back Society, since 2005). **Fellow – FABS**, since December 2005.

NSCA (National Strength & Conditioning Association, since 1999).

Community Service:

Providing pro bono physical therapy services to local physical therapists, 2013 to present.

Assisting area high school with annual sport participation physicals, 2013 to present.

Committee on Clinical Residency & Fellowship Program Credentialing (APTA), Reviewer Subcommittee, 2008-2010; and 2010-2012.

Item Writer for the Specialization Academy of Content Experts (SACE) Orthopedics through American Board of Physical Therapy Specialties (ABPTS), January 1, 2006 to December 31, 2007; January 1, 2008 to December 31, 2009; and January 1, 2010 to December 31, 2011.

Oklahoma Physical Therapy Association (OPTA), Eastern District, Director, 2010 & 2011.

Oklahoma Physical Therapy Association (OPTA), National Delegate for the APTA House of Delegates; 2010 & 2011.

Center Coordinator of Clinical Education (CCCE) at SouthCrest Hospital, Tulsa, OK from 2007 to 2011.

Center Coordinator of Clinical Education (CCCE) at Community Medical Group of Riverside, CA from 2001 to 2007.

California: Newsletter Editor for Inland Counties District (ICD of CPTA), APTA, 2006.

California: Executive Member for Inland Empire Counties District (ICD of CPTA), APTA, appointed member, 2006.

California: Chairperson for the Inland Empire Counties District (ICD of CPTA), APTA, 2005, 2007.

California: Representative for the Inland Empire Counties District (ICD of CPTA), APTA, 2005, 2007.
California Nominating Committee Chairperson for Inland Counties District (ICD of CPTA), APTA, 2005, 2006.

California: Nominating Committee for the Inland Empire Counties District, APTA, 2-year term, from 2002 to 2004.

Services to the University/College/School on Committees/Councils/Commissions:

Department CAPTE committee member: 2012 – present.

Department committee member: Curriculum, Clinical Education, Personnel, and Selection Committees 2011 – present.

Waldron College of Health and Human Services member: Strategic Planning Committee 2012 – present.

Honors and Awards:

***President's Award SouthCrest Hospital*:** May 3, 2010. Tulsa, OK: Orthopedic Service Line. For Exemplifying Our Vision.

Pillar Award: For Standards of Excellence in the **SERVICE PILLAR**: Purpose, Worthwhile Work, and Making a Difference. March 27, 2009. A Quint Studer Fire-Starter for Hardwiring Excellence in the Service Pillar. SouthCrest Hospital.

Clinical Manager of the year for 2008 at SouthCrest Hospital; Tulsa, OK.

Certificate of Recognition of services to the profession of physical therapy and to the California Physical Therapy Association as Chairperson for the Inland Counties District (California), 2005 and 2007.

Certificate of Recognition of services to the profession of physical therapy and to the California Physical Therapy Association as Nominating Committee Chairperson for the Inland Counties District (California), 2006.

Continuing Education Attended: (last 5 years only)

American Physical Therapy Association (APTA):

APTA 2013 Combined Sections Meeting (CSM) (22 hours) 02/22-02/24/13
APTA 2012 Self-Study Workshop (Commission Accreditation in Physical Therapy Education (13 hours) 10/03/10/04/12
APTA 2012 Specialist Certification Examination Item Writing: An Overview 08/07/12
APTA 2011 Annual Conference (14 hours) 06/08-06/11/11

APTA: Virginia Physical Therapy Association (State Meeting)

VPTA, Northern District: New Frontiers in Pain Management (Dry Needling) (7 hours) Jay Shah, MD (NIH) 05/04/13
VPTA Valley District Meeting (2 hours) 05/09/12
VPTA Valley District Meeting (2 hours) 09/13/11

APTA: Oklahoma Physical Therapy Association (State Meeting)

OKPTA 2009 Midyear Meeting: Professional Responsibility: Grassroots Development (1 hour)
Jeff Jankowski 08/22/09

OKPTA 2010 Annual Meeting: Fundametnal & Advanced Kinesio Taping (KT, KT2) (16 hours)
Pam Samaniego 03/26-03/27/10

OKPTA 2010 Midyear Meeting: Kineso Taping Course Certification (KT3)
Pam Samaniego 08/28/10

OKPTA Eastern District Meeting: Resolution of Whiplash-Associated Allodynia (1hour)
Carina Lowry 03/22/11

OKPTA 2011 Annual Meeting: Functional Biomechanics of the Lower Quarter (15 hours)
Chris Powers 04/15/04/16/11

American Academy of Orthopaedic Manual Therapy

17th Annual AAOMPT Conference (16.75 hours) 10/26-10/30/11

15th Annual AAOMPT Conference (17.5 hours) 10/14-10/18/09

Functional Movement Systems

Selective Functional Movement Assessment: An Evidence-Based Clinical Model to Address Regional Interdependence **SFMA** Certification Course (15 hours)
Kyle Kiesel 01/19-20/13

Advanced Selective Functional Movement Assessment (**SFMA**) (15 hours)
Kyle Kiesel 07/16-17/13

North American Institute of Orthopaedic Manual Therapy (NAIOMT)

NAIOMT Level III: Advanced Upper Quarter (48 hours)
Erl Pettman 03/15-03/20/09

NAIOMT Level IV: High Velocity Manipulation (48 hours)
Erl Pettman 09/20-09/25/09

Myopain Seminars:

Intramuscular Manual Therapy Program IMT-1: Foundations of Trigger Point Examination & Treatment (19 hours)
Robert Gerwin, MD 01/13-15/12

Fascial Manipulation (FM 1): Part 1a (Basic Principles) and Part 1 b (Physiology, Assessment, and Treatment (45 hours)
Part 1a: Julie Ann Day 05/4-6/12 Part 1b: Giorgio Rucli 06/1-3/12

Fascial Manipulation (FM 2): Part 2a (Centers of Fusion) and Part 2b (Myofascial Spirals (44 hours)
Part 2a: Julie Ann Day 10/12-14/12 Part 2b: Lorenzo Copetti 11/16-18/12

Dry Needling Program: DN-1 Foundations I (28 hours)
Jan Dommerholt 05/17-19/13

Dry Needling Program: DN-2 Foundations II (28 hours)
Jan Dommerholt 07/26-28/13

KinetaCore

Introductory Level: Intramuscular Manual Therapy – Trigger Point Dry Needling (27 hours)
Edo Zylstra 10/22-10/24/10

Advanced Level: Intramuscular Manual Therapy – Trigger Point Dry Needling (27 hours)
Edo Zylstra 04/8-04/10/11

Performance Dynamics, Inc.

The ASTYM System to the Upper Extremities & Shoulder Girdle (15.5 hours)
Goddard/Gutierrez/Stover 10/10-10/11/08

The ASTYM System to the Lower Extremities, Pelvis & Lumbar Spine (8 hours)
Goddard/Gutierrez/Stover 10/12/08

American Academy of Manipulative Therapy: The Spinal Manipulation Institute

DN-1: Dry Needling for Craniofascial, Cervicothoracic & Upper Extremity Conditions: An Evidence-Based Approach (27 hours): Certification in Dry Needling (Part 1)
James Dunning 08/24-08/26/12

DN-2: Dry Needling for Lumbopelvic & Lower Extremity Conditions: An Evidence-Based Approach (27 hours): Certification in Dry Needling (Part 2) – Certification in Dry Needling (Cert. DN) James Dunning 11/09-11/11/12

SMT-2: Cervicothoracic Dysfunction & Cervicogenic Headaches: Diagnosis & Management with HVLA Thrust Manipulation & Exercise. (15 hours) James Dunning 02/22-23/13

SMT-3: Lumbar & Sacroiliac Dysfunction: Diagnosis & Management with HVLA Thrust Manipulation & Exercise. (15 hours) James Dunning 04/12-13/13

Evidence in Motion (EIM)

Integrated Trigger Point Dry Needling (TDN) Upper Quarter (26 hours)
Andrew Bennett & Eric Wilson 03/16-18/13

Integrated Trigger Point Dry Needling (TDN) Lower Quarter (35 hours)
Eric Wilson & Derek Clewley 04/19-21/13

Grant Writing USA

Grant Writing Workshop (14 hours)
Rod Helm 09/09

Cross Country Education

Concussions: Comprehensive Management (6 hours)
Anthony Surace 06/20/12

Northeast Seminars (NES)

DVD: Diagnosis and Treatment of Muscle Imbalances 05/18/2012

Current Teaching Responsibilities in the Entry-level Physical Therapy Program:

Fall	AHPT 814	Practice Management I	4 Credits
Spring	AHPT 828	Practice Management II	4 Credits
Spring	AHPT 860	Advanced Orthopedics	4 Credits
Fall	AHPT 886	Preventative Health and Wellness	3 Credits

Certifications:

Feb 2013	Functional Movement Screen (FMS) – Certified.
Jan 2013	Certified to administer the Y-Balance Test.
Nov 2012	**Certified in Dry Needling (Cert.DN)**, through Dry Needling Institute of American Academy of Manipulative Therapy (54 hours training with competency demonstrated by passing written exams and practical demonstrations.).
Nov 2012	**Diploma Training in Fascial Manipulation, Part 2**, through Myopain Seminars (Luigi Stecco Method) (44 hours training with competency demonstrate by passing written exam.)
June 2012	**Diploma Training in Fascial Manipulation, Part 1,** through Myopain Seminars (Luigi Stecco Method) (45 hours training with competency demonstrated by passing written and practical exam.
May 2012	**Re-Certified as Orthopeadic Clinical Specialist** (**OCS**), Board Certified Clinical Specialist in Orthopaedic Physical Therapy from the American Board of Physical Therapy Specialties (ABPTS). (Re-Certified for another 10-years)
April 2011	**Completed Training in Intramuscular Manual Therapy (IMT)/Dry Needling**, through Kinetacore (54 hours training with competency demonstrated by passing written and practical exams.).
Oct. 2010	**CKTP Certified** (Certified Kinesio® Taping Provider), through the Kinesio® Taping Association International.
Oct 2008	**ASTYM Certified.**
July 2004	**Certified/Credentialed in Mechanical Diagnosis and Therapy (Cert. MDT)**, through the McKenzie Institute, USA.
March 2004	**Credentialed Clinical Instructor,** American Physical Therapy Association.
June 2003	**Orthopeadic Clinical Specialist** (**OCS**), Board Certified Clinical Specialist in Orthopaedic Physical Therapy from the American Board of Physical Therapy Specialties (ABPTS).
May 2003	Periodization: **Strength & Conditioning Expert** (**SCE**), through Tudor Bumpa Training System.
Feb 2003	**Certified Manual Therapist (Cert. MT)**, through the Ola Grimsby Institute.
March 2000	**Certified Strength & Conditioning Specialist** (**CSCS**), through NSCA.

Fellowship:

Dec 2002 to Dec 2004	Ola Grimsby Institute, Manual Therapy Fellowship. Part II. Instructor: Ola Grimsby, MNFF, MNSMT.

Residency:

Dec. 2000 to Dec. 2002	Ola Grimsby Institute, Manual Therapy Residency. Part I. Instructor: Ola Grimsby, MNFF, MNSMT.