

RobRoy L. Martin, PhD, PT, CSCS
Duquesne University
Department of Physical Therapy
John G. Rangos, Sr. School of Health Sciences
111A Health Sciences Building
412-396-1811
martinr280@duq.edu

I. Professional Preparation and Experience

A. Education

University of Pittsburgh

Pittsburgh, PA

Doctor of Philosophy: Health and Rehabilitation Sciences

June 2003

State University of New York Health Science Center

Syracuse, NY

Bachelor of Science: Physical Therapy

June 1991

State University of New York at Potsdam

Potsdam, NY

Biology Major/ Physical Therapy Pre-requisites: No degree attained

August 1986 to June 1989

B. Work History

1. Academic Appointments

Duquesne University
Rangos School of Health Sciences
Pittsburgh, PA
Professor
July 2014- Present

Duquesne University
Rangos School of Health Sciences
Pittsburgh, PA
Associate Professor
July 2009 - April 2014

Duquesne University
Rangos School of Health Sciences
Pittsburgh, PA
Assistant Professor
July 2003 - July 2009

2. Non-Academic Appointments

University of Pittsburgh Medical Center/ Centers for Rehab Services
Center for Sports Medicine
Pittsburgh, PA
Physical Therapist
December 1995 - Present

University of Pittsburgh Medical Center/Jefferson Regional Home Health
(formally Centers for Rehab Services, Home Care)
Pittsburgh, PA
Physical Therapist
January 2000- February 2017

Harmarville Rehabilitation Center
Pittsburgh, PA
Physical Therapist
June 1991-December 1995

South Hills Health Care System Home Care Agency
Pittsburgh, PA
Physical Therapist
October 1994-December 1999

Olsten Kimberly Quality Care Home Health Agency
Pittsburgh, PA
Physical Therapist
January 1994-October 1994

C. Professional Certifications

Certified Strength and Conditioning Specialist (CSCS)
August 2000- present

D. Membership in Professional Organizations

American Physical Therapy Association: Orthopaedic Section
November 1990- present

Pennsylvania Physical Therapy Association
June 1991- present

National Strength and Conditioning Association
August 2000- present

II. Teaching

A. Graduate Courses Taught

COURSE NAME	COURSE NUMBER	NUMBER OF CREDITS	Years Taught
Orthopedic Science III	PHYT 520	3	15
Therapeutic Modalities	HLTS 525	3	15
Therapeutic Modalities	REHS 532	3	5

Orthopedic Science	REHS 535	3	5
Foundational Skills	PHYT 547	3	1
Independent Study: Institutional Review Board	REHS 600	3	1
Independent Study: Clinical Anatomy	REHS 601	3	1
Clinical Outcomes and Evidence Based Research I	REHS 605	3	2
Clinical Outcomes and Evidence Based Research II	REHS 606	3	1
Teaching Practicum I	REHS 615	3	2
Orthopedics and Biomechanics of the Lower Limb – Hip	REHS 644	3	1
Integrative Biomechanics of the Lower Limb	REHS 654	3	1
Physical & Therapeutic Modalities	REHS 656	3	2
Seminar in Orthopedics & Sports Medicine	REHS 656	1	1
Supervised Research	REHS 670	3	3
Directed Research	REHS 671	3	1
Scientific Writing	REHS 682	3	3
Grant Writing	REHS 684	3	1
Dissertation	REHS 701	3	2

B. Undergraduate Courses Taught

COURSE NAME	COURSE NUMBER	NUMBER OF CREDITS	Years Taught
Therapeutic Modalities	HLTS 425	3	17
Principles of Practice I	PHYT 301	1	3

C. Academic Advisement

1. Dissertation Committee Chair

Ben Kivlan: Doctoral student at Duquesne University, Rangos School of Health Sciences: Project Research Question: "Does ASTYM treatment have an immediate effect on lower extremity muscle performance?"
August 2009 – December 2014

Ryan McGovern: Doctoral student at Duquesne University, Rangos School of Health Sciences: Project Research Question: "The Effect of Functional Movement Control on Patient-Reported Outcomes in Individuals with Non-Arthritic Hip Pain?"
August 2015 – February 2019

2. Dissertation Committee Member

Kelly Lindenberg: Doctoral student at Duquesne University, Rangos School of Health Sciences: Project Title: "The influence of heel height on sagittal plane knee kinematics in females following a landing task."
January 2008 – September 2009

3. Advisees at Duquesne University

Advisor to undergraduate and graduate students in the Physical Therapy Program

D. Publications Pertaining to Teaching

1. Book Chapter Pertaining to Instructional Material

Martin RL, Kivlan B. Hip Joint. In: Norkin CC, Levangie PK. *Joint Structure and Function 6th ed.* Philadelphia PA: F.A. Davis; 2019.

Martin RL. The Ankle Foot Complex. In: Norkin CC, Levangie PK. *Joint Structure and Function 6th ed.* Philadelphia PA: F.A. Davis; 2019.

Kivlan BK, **Martin RL**. Functional Performance Testing of the Hip. In: *Independent Study Course 24.2: Injuries to the Hip*. Orthopaedic Section of American Physical Therapy Association; 2014.

Paulseth S, **Martin RL**. Manual Therapy, Taping and Exercises for the Foot and Ankle. In: Hughes CJ. *Independent Study Course 22.3.4*. Orthopaedic Section of American Physical Therapy Association; 2012.

Martin RL, Kivlan B. Hip Joint. In: Norkin CC, Levangie PK. *Joint Structure and Function 5th ed.* Philadelphia PA: F.A. Davis; 355-394; 2011.

**Graduate student project*

Martin RL. The Ankle Foot Complex. In: Norkin CC, Levangie PK. *Joint Structure and Function 5th ed.* Philadelphia PA: F.A. Davis; 440-481; 2011.

Kivlan B, **Martin RL**, McGovern RP. Hip Joint. In: Norkin CC, Levangie PK. *Joint Structure and Function 6th ed.* Philadelphia PA: F.A. Davis; Under Review

**Graduate student project*

Martin RL McGovern RP. The Ankle Foot Complex. In: Norkin CC, Levangie PK. *Joint Structure and Function 6th ed.* Philadelphia PA: F.A. Davis; Under Review

**Graduate student project*

E. Presentations Pertaining to Teaching Professional Application Skills

Hip Evaluation: FAIS

May 2020: Webinar Instituto TRATA- Joelho e Quadril Brazil

Lumbar Spine Pathology: Examination, Evaluation, Diagnosis, Prognosis, and Intervention Techniques

December 2019: Shanghai University of Traditional Chinese Medicine, Shanghai, China

Posterior Hip Series

November 2019: Webinar PT Management Support Systems LLC

Ankle Stability and Movement Coordination Impairments-Ligament Sprains: Clinical Application of the American Academy of Orthopaedic Physical Therapy Clinical Practice Guidelines

August 2019: Webinar PT Management Support Systems LLC

Achilles Tendinopathy: Clinical Application of the American Academy of Orthopaedic Physical Therapy Clinical Practice Guidelines

July 2019: Webinar PT Management Support Systems LLC

Heel Pain-Plantar Fasciitis: Clinical Application of the American Academy of Orthopaedic Physical Therapy Clinical Practice Guidelines

June 2019: Webinar PT Management Support Systems LLC

Evaluation Principles of Deep Gluteal Syndrome

May 2019: University of Pittsburgh Medical Center; Pittsburgh, PA

Insights on Conducting Clinical Outcome Research

December 2018: Gulou Hospital, Nanjing, China

Management of Non-Arthritic Hip Pain: Evaluation Principals

May 2018: University of Pittsburgh Medical Center; Pittsburgh, PA

Evaluation and Treatment of Foot and Ankle Disorders

December 2017: Shanghai University of Traditional Chinese Medicine, Shanghai, China

December 2017: Gulou Hospital, Nanjing, China

December 2017: Fujian University of Traditional Chinese Medicine, Fuzhou, China

Clinical Evaluation, Classification-based Treatment and Advancements in Surgical Management of Hip Disorders

March 2017: Physical Therapy & Sports Medicine Centers; Hartford, CT

Evaluation and Treatment of the Hip Region

February 2017: Mini Combined Sections Meeting SWD PPTA; Pittsburgh PA

Differential Diagnosis & Intervention for Common & not so Common Foot & Ankle Problems

November 2014: Pennsylvania Physical Therapy Association; Lancaster, PA

August 2018: Ventura Orthopaedics; Ventura, CA

September 2018: Physical Therapy & Sports Medicine Centers; Hartford, CT

Differential Diagnosis, Evaluation, and Advanced Intervention Techniques for Patients with Foot and Ankle Complaints

Augusts 2014: Greater Los Angeles District California Physical Therapy Association

September 2014: Cambria-Somerset Council for Education of Health Professional; Somerset, PA

Differential Diagnosis, Evaluation, and Management of Lumbopelvic, Abdominal, and Hip Pain

September 2019: Ventura Orthopaedics; Ventura, CA

December 2018: Gulou Hospital, Nanjing, China

December 2015: Duquesne University Continuing Education Program; Pittsburgh, PA

September 2013: Cambria-Somerset Council for Education of Health Professional; Somerset, PA

Manual Therapy, Taping, and Functional Exercise for Individuals with Foot and Ankle Pathologies

September 2013: Northwestcentral Pennsylvania Physical Therapy Association; DuBois, PA

November 2010: Duquesne University Continuing Education Program; Pittsburgh, PA

Current Concepts in Evaluation and Treatment of the Hip

August 2013: The Jackson Clinics Continuing Education Course; Fairfax, VA

Practice Guidelines for Ankle Stability and Movement Impairment: Lateral Ankle Sprains

June 2012: Upstate Medical Center, Syracuse, NY

Evaluation, Conservative Intervention, and Post-Surgical Rehabilitation for Individuals Non-Arthritic Hip Pain

February 2012: Combined Sections Pre-Conference Orthopaedic Section Continuing Education Course;

Chicago, IL

Manual Therapy and Taping Techniques for the Foot and Ankle Complex: A Hands-on Laboratory and Clinical Application Course

September 2012: Cambria-Somerset Council for Education of Health Professional; Somerset, PA

November 2008: PHOENIX Rehabilitation and Health Services Continuing Education

Course; Scottdale, PA

Pearls & Perils for the Management of Individuals with Foot and Ankle Pathologies: Manual Therapy, Taping, and Functional Exercise

November 2011: Providence Health and Services Continuing Education Course; Portland, OR

November 2010: California Education Connection; Los Angeles, CA

February 2009: Combined Sections Pre-Conference Orthopaedic Section Continuing Education Course;

Las Vegas, NV

November 2008: Appleton Medical Center Continuing Education Course; Appleton, WI

Current Concepts in Differential Diagnosis, Classification-Based Treatment, and Surgical Management of Hip Disorders

April 2008: Providence Health and Services Continuing Education Course; Portland, OR

An Anatomical Perspective to the Examination and Management of Common Foot and Ankle Pathologies

November 2007: Duquesne University Continuing Education Program; Pittsburgh, PA

An Update of Current Evaluation and Treatment Techniques for Individuals with Musculoskeletal Hip Pain

June 2007: PHOENIX Rehabilitation and Health Services Continuing Education Course; Indiana, PA

Not Just an Ankle Sprain

March 2007: University of Pittsburgh Medical Center Department of Athletic Training Continuing Education Course; Pittsburgh, PA

Introduction to Utilizing a New 24 Adult Foot Type Foot Classification System and Manual Therapy Techniques for the Foot and Ankle Complex: A Hands-On Laboratory and Clinical Application Course

February 2007: Combined Sections Pre-Conference Orthopaedic Section Continuing Education Course; Boston, MA

Examination and Treatment of Musculoskeletal Disorders of the Hip Using a Classification System

December 2006: Heritage Valley Health System Continuing Education Course; Pittsburgh, PA

An Anatomical Perspective to the Examination, Conservative Intervention, Surgical Intervention, and Post-Surgical Management of Common Shoulder Pathologies

December 2006: Duquesne University Continuing Education Program; Pittsburgh, PA

The Hip Joint: Current Concepts in Examination, Physical Therapy, and Surgical Treatment Options

October 2006: Pittsburgh-Marquette Challenge Continuing Education Course: Fund Raising for the APTA Foundation Grant; Pittsburgh, PA

Sports Related Foot and Ankle Injuries in the Young Athlete: Examination and Treatment for the Athletic Trainer

April 2006: Guest Lecturer at the University of Pittsburgh Athletic Training Program; Pittsburgh, PA

Acetabular Labral Tears of the Hip: Examination and Treatment for the Athletic Trainer

April 2006: Guest Lecturer at the University of Pittsburgh Athletic Training Program; Pittsburgh, PA

Hip Disorders: Differential Diagnosis, Classification-Based Treatment and Surgical Management

October 2005: Duquesne University Continuing Education Program; Pittsburgh, PA

Conservative Treatment of Hip Disorders Using a Classification System

March 2005: Steadman Hawkins and Head Physical Therapy Continuing Education Program; Vail, CO

Conservative Treatment of Hip Disorders Using a Classification System for the Athletic Trainer

March 2005: Guest Lecturer at the University of Pittsburgh Athletic Training Program; Pittsburgh, PA

Foot and Ankle Arthritis

April 2005, April 2004, April 2003: Guest Lecturer at the University of Pittsburgh Physical Therapy Program; Pittsburgh, PA

Evaluation and Treatment of Sports Related Foot and Ankle Injuries in the Young Athlete
October 2004: University of Pittsburgh Medical Center Department of Athletic Training Continuing Education Course; Pittsburgh, PA

Evaluation of the Foot and Ankle
February 1996: Pedorthic Certification Course; Pittsburgh, PA

Pedorthic Management of Diabetic Foot Disorders
March 1995: Pedorthic Footwear Association Workshop Presentation; Pittsburgh, PA

F. Honors and Awards Related to Teaching

Dean's Award for Faculty Excellence in Teaching; Duquesne University, Rangos School of Health Sciences, May 2008

III. Scholarship

A. Scholarly Publications

1. Articles Presenting Original Work (Peer Reviewed)

Martin RL, Kivlan BR, Cristoforetti JJ Wolf AB, Nho SJ, Salvo JP, Ellis TJ, Van Thiel G, Matsuda D, Carreira DS. Defining Variations in Outcomes of Hip Arthroscopy for Femoroacetabular Impingement With the 12 item International Hip Outcome Tool (iHOT-12). *American Journal of Sports Medicine*. 2020
Role: >75% contribution in study design, data analysis/interpretation and manuscript writing

Martin RL, Kivlan BR, Cristoforetti JJ Wolf AB, Nho SJ, Salvo JP, Ellis TJ, Van Thiel G, Matsuda D, Carreira DS. A tiered system using substantial clinical benefit and patient acceptable symptomatic state scores to evaluate 2-year outcomes of hip arthroscopy with the Hip Outcome Score. *Journal of Hip Preservation Surgery*. 2020
Role: >75% contribution in study design, data analysis/interpretation and manuscript writing

McGovern RP, **Martin RL**, Phelps AL, Kivlan BR, Nickel B, Cristoforetti JJ. Conservative management acutely improves functional movement and clinical outcomes in patients with pre-arthritis hip pain. *Journal of Hip Preservation Surgery*. 2020
Role: 50% contribution in study design, data analysis/interpretation, and manuscript writing
*Graduate student project

Martin RL, Kivlan BR, Cristoforetti JJ Wolf AB, Nho SJ, Salvo JP, Ellis TJ, Van Thiel G, Matsuda D, Carreira DS. Unique Substantial Clinical Benefit Values for the 12-Item International Hip Outcome Tool (iHOT-12) Based on Preoperative Level of Function. *Arthroscopy: The Journal of Arthroscopic & Related Surgery*. 2020
Role: >75% contribution in study design, data analysis/interpretation and manuscript writing

Silvo Neto JB, Ismania C, de Freitas DG, Cazarini C, **Martin RL**, Fukuda TY. The effect of a single high velocity low amplitude hip mobilization on strength in subjects with knee injuries. *Musculoskeletal Science and Practice*. (44); 2019

Role: 50% contribution in study design, data analysis/interpretation, and manuscript writing

Kivlan BR, Carroll L, Burfield A, Emseki KR, **Martin RL**. Length Changes of the iliofemoral ligament during tests for anterior microinstability of the hip joint: A cadaveric validity study. *International Journal of Sports Physical Therapy*. 14(4) 613-622; 2019.

Role: 25% contribution in study design, data analysis/interpretation, and manuscript writing

Martin RL, Kivlan BR, Christoforetti JJ, Wolf AB, Nho SJ, Salvo JP, Ellis TJ, Van Thiel G, Matsuda D, Carreira DS. Minimal Clinically Important Difference and Substantial Clinical Benefit Values for a Pain Visual Analog Scale after Hip Arthroscopy. *Arthroscopy: The Journal of Arthroscopic & Related Surgery*. 35(7) 2064-2069; 2019

Role: >75% contribution in study design, data analysis/interpretation and manuscript writing

Kivlan BR, **Martin RL**, Christoforetti JJ, Wolf AB, Nho SJ, Salvo JP, Ellis TJ, Van Thiel G, Matsuda D, Carreira DS. The patient acceptable state of the 12-item International Hip Outcome tool at 1-year follow-up of hip preservation Surgery. *Arthroscopy: The Journal of Arthroscopic & Related Surgery*. 35(2) 1457-1462; 2019

Role: Less than 25% contribution in study design, data analysis/interpretation, and manuscript writing

McGovern RP, Christoforetti JJ, **Martin RL**, Phelps AL, Kivlan BR. Evidence for reliability and validity of functional performance testing in the evaluation of nonarthritic hip pain. *Journal of Athletic Training*. 54(3) 276-282; 2019

Role: 50% contribution in study design, data analysis/interpretation, and manuscript writing

*Graduate student project

Martin RL, Christoforetti JJ, Kivlan BR, Wolf AB, Nho SJ, Salvo JP, Ellis TJ, Van Thiel G, Matsuda D, Carreira DS. Minimal Clinically Important Difference and Substantial Clinical Benefit Values for the 12-Item International Hip Outcome Tool (iHOT-12). *Arthroscopy: The Journal of Arthroscopic & Related Surgery*. 35(2) 411-416; 2019

Role: >75% contribution in study design, data analysis/interpretation and manuscript writing

Martin RL, Christoforetti JJ, McGovern R, Kivlan BR, Wolf AB, Nho SJ, Salvo JP, Ellis TJ, Van Thiel G, Matsuda D, Carreira DS. The Impact of Depression on Patient Outcomes in Hip Arthroscopy Surgery. *Orthopaedic Journal of Sports Medicine*. 6(11) DOI: 10.1177/2325967118806490; 2018

Role: >75% contribution in study design, data analysis/interpretation and manuscript writing

*Graduate student project

Carreira DS, Kruchten MC, Emmons BR, **Martin RL**. Arthroscopic labral reconstruction using fascia lata allograft: shuttle technique and minimum two-year results. *Journal of Hip Preservation Surgery*. doi: 10.1093/jhps/hny028; 2018

Role: Less than 25% contribution in study design, data analysis/interpretation, and manuscript writing

Carreira DS, Kruchten MC, Emmons BR, Startzman AN, **Martin RL**. A Characterization of Sensory and Motor Neural Dysfunction in Patients Undergoing Hip Arthroscopic Surgery. *The Orthopaedic Journal of Sports Medicine*, 6: 1-11; 2018

Role: Less than 25% contribution in study design, data analysis/interpretation, and manuscript writing

Martin RL, McGovern RP, Martin HD, Kivlan. A Mechanism for Ligamentum Teres Injuries in Femoroacetabular Impingement: An Anatomical Study. *International Journal of Sports Physical Therapy*. 13: 208-213; 2018.

Role: >75% contribution in study design, data collection, data analysis/interpretation and manuscript writing

*Graduate student project

Aurelio M, de Freitas DG, Kasawara KT, **Martin RL**, Fukuda TY. Strengthening the Gluteus Maximus in Subjects with Sacroiliac Dysfunction. *International Journal of Sports Physical Therapy*. 13: 114-120; 2018

Role: Less than 25% contribution in manuscript preparation

Martin RL, Schröder RG, Gomez-Hoyos J, Palmer IJ, Khoury AN, McGovern RP, Martin HD. Accuracy of Three Clinical Tests to Diagnose Proximal Hamstrings Tears with and Without Sciatic Nerve Involvement in Patients with Posterior Hip Pain. *Arthroscopy: The Journal of Arthroscopic and Related Surgery*. 34: 114-121; 2018

Role: 50% contribution in study design, data analysis/interpretation and manuscript writing

*Graduate student project

McGovern RP, Kivlan BR, **Martin RL**. Length Change of the Short External Rotators of the Hip in Common Stretch Positions. *International Journal of Sports Physical Therapy*. 12: 1068-1077; 2017.

Role: 50% contribution in study design, data collection, data analysis/interpretation and manuscript writing

*Graduate student project

Cervera-Garvi P, Ortega-Avila AB, Morales-Asencio JM, Cervera-Marin JA, **Martin RL**, Gijon-Nogueron G. Cross-cultural adaptation and validation of Spanish version of The Foot and Ankle Ability Measures (FAAM-Sp). *Journal of Foot and Ankle Research*. 10: 39; 2017

Role: Less than 25% contribution in study design, data analysis/interpretation, and manuscript writing

Kivlan BR, McGovern R, **Martin RL**, Martin HD. Validity of Dynamic Impingement Testing for Determining the Location of Femoroacetabular Impingement: A Cadaveric Study. *Bio Accent Open Access Journal: Orthopedics*. 1: 003; 2017

Role: 50% contribution in study design, data collection, data analysis/interpretation and manuscript writing

*Graduate student project

Kivlan BR, **Martin RL**, Martin HD. Ischiofemoral impingement: Defining the lesser trochanter-ischial space. *Knee Surgery, Sports Traumatology, Arthroscopy*. 25:72-76; 2017

Role: 50% contribution in study design, data collection, data analysis/interpretation and manuscript writing

Kivlan BR, Carcia CR, Christoforetti JJ, **Martin RL**. Comparison of range of motion, strength, and hop test performance of dancers with and without anterior hip pain. *International Journal of Sports Physical Therapy*. 11:1-9; 2016.

Role: Less than 25% contribution in study design, data analysis/interpretation, and manuscript writing

Gomez-Hoyos, **Martin, RL**, Schroder R, Palmer IJ, Martin HD. Accuracy of two clinical tests for ischiofemoral impingement in patients with posterior hip pain. *Arthroscopy: The Journal of Arthroscopic and Related Surgery*. 32:1279-1284; 2016.

Role: Less than 25% contribution in manuscript preparation

Schroder RG, **Martin RL**, Bobb VL, Khoury NK, Palmer IJ, Martin HD. Outcomes of non-operative management of Deep Gluteal Syndrome – A Case Series of six Patients. *Journal of Musculoskeletal Disorders and Treatment*. 2:012; 2016
Role: Less than 25% contribution in manuscript preparation

Celik D, Malkoc M, **Martin RL**. Evidence for reliability, validity and responsiveness of Turkish Foot and Ankle Ability Measure (FAAM). *Rheumatology International*. 36:1469-1476; 2016.
Role: Less than 25% contribution in manuscript preparation

Kivlan BR, **Martin RL**, Martin HD. Defining the greater trochanter-ischial space: a potential source of extra-articular impingement in the posterior hip region. *Journal of Hip Preservation Surgery*. 3: 352-357. 2016
Role: 50% contribution in study design, data collection, data analysis/interpretation and manuscript writing

Moreira TS, **Martin RL**, Magalhães L, deResende M. Translation, cross cultural adaptation and validity of the Brazilian version of the Foot and Ankle Ability Measure questionnaire. *Disability and Rehabilitation*. 38:2479-2490. 2016
Role: Less than 25% contribution in manuscript preparation

Kivlan BR, Carcia CR, Clemente FR, Phelps AL, **Martin RL**. The effect of Astym® Therapy on muscle strength: a blinded, randomized, clinically controlled trial. *BMC Musculoskeletal Disorder*. 16:325. 2015
Role: 35% contribution in study design, data analysis/interpretation, and manuscript writing
*Graduate student project

Lee YK, Ha YC, **Martin RL**, Hwang DS, Koo KH. Transcultural adaptation and testing of psychometric properties of the Korean version of the Hip Outcome Score. *Knee Surgery, Sports Traumatology, Arthroscopy*. 23:3426-3431; 2015
Role: 25% contribution in manuscript preparation

Martin HD, Hatem, MA, Kivlan BR, **Martin RL**. The function of the ligamentum teres in limiting hip rotation: A cadaveric study. *Arthroscopy: The Journal of Arthroscopic and Related Surgery*. 30:1085-1091; 2014.
Role: 35% contribution in study design, data analysis/interpretation, and manuscript writing
*Graduate student project

Martin HD, Kivlan, BR, **Martin RL**. Diagnostic accuracy of clinical tests for sciatic nerve entrapment in the gluteal region *Knee Surgery, Sports Traumatology, Arthroscopy*. 22:882-888; 2014.
Role: 50% contribution in study design, data analysis/interpretation, and manuscript writing
*Graduate student project

Reis AC, Rabelo NDA, Pereira RP, Polessello G, **Martin RL**, Luvareli PRG, Fukuda TY. Radiological examination of the hip: Clinical indications, methods, and interpretation. *International Journal of Sports Physical Therapy*. 9:256-267; 2014.
Role: 25% contribution in manuscript preparation

Magalhães E, Silva A, Bryk FF, Sacramento SN, **Martin RL**, Fukuda TY. Isometric strength ratio of the hip musculature in females with patellofemoral pain syndrome: A comparison to pain free controls. *Journal of Strength & Conditioning Research*. 27:2165-2170; 2013.
Role: Less than 25% contribution in manuscript preparation

Kivlan BR, Carcia CR, Clemente FR, Phelps AL, **Martin RL**. Reliability and validity of functional performance tests in dancers with hip dysfunction. *The International Journal of Sports Physical Therapy*. 8:360-369; 2013.

Role: 50% contribution in study design, data analysis/interpretation, and manuscript writing

*Graduate student project

Martin RL, Kivlan BR, Clemente FR. A cadaveric model for ligamentum teres function: A pilot Study. *Knee Surgery, Sports Traumatology, Arthroscopy*. 21:1689-1693; 2013.

Role: Greater than 75% contribution in study design, data analysis/interpretation, and manuscript writing

*Graduate student project

Kivlan BR, Clemente FR, **Martin RL**, Martin HD. Function of the ligamentum teres during multi-planar movement of the hip joint. *Knee Surgery, Sports Traumatology, Arthroscopy*. 21:1664-1668; 2013.

Role: 50% contribution in study design, data analysis/interpretation, and manuscript writing

*Graduate student project

Fukuda TY, Melo WP, Zaffalon BM, Marcondes FR, Magalhães E, Bryk FF, **Martin RL**. Hip posterolateral musculature strengthening in sedentary women with patellofemoral pain syndrome: A randomized controlled clinical trial with 1-year follow-up. *Journal of Orthopaedic & Sports Physical Therapy*. 42:823-830; 2012.

Role: 25% contribution in manuscript preparation

Nicholas G.H, Mohtadi, NG, Chan D, Safran MR, Griffin D, Pedersen E, Sekiya JK, Kelly BT, Werle J, Leunig M, McCarthy J, MD, Martin HD, Byrd JWT, Philippon MJ, **Martin RL**, Guanche C, Clohisy J, Sampson T, Kocher M. The development and validation of a self-administered quality-of-life outcome measure for young, active patients with symptomatic hip disease: The International Hip Outcome Tool (iHOT-33). *Arthroscopy: The Journal of Arthroscopic and Related Surgery*. 28:595-610; 2012.

Role: Less than 25% contribution in manuscript preparation

Klingenstein G, **Martin RL**, Kivlan BR, Martin HD, Kelly BT. Hip injuries in the overhead athlete. *Clinical Orthopaedics and Related Research*. 470:1579-85; 2012.

Role: 50% contribution in manuscript preparation

*Graduate student project

Martin RL, Palmer I, Martin HD. Ligamentum teres: A functional description and potential clinical relevance. *Knee Surgery, Sports Traumatology, Arthroscopy*. 20:1209-1214; 2012.

Role: 60% contribution in data analysis/interpretation and manuscript writing

Lindenberg KM, Carcia CR, Phelps AL, **Martin RL**, Burrows AM. The influence of heel height on sagittal plane knee kinematics during landing tasks in recreationally active and athletic collegiate females. *The International Journal of Sports Physical Therapy*. 6:186-198; 2011.

Role: Less than 25% contribution in manuscript preparation

*Graduate student project

Kivlan BR, **Martin RL**, Wukich DK. Responsiveness of the Foot and Ankle Ability Measure (FAAM) in individuals with diabetes. *The Foot*. 21:84-87; 2011.

Role: 50% contribution in study design, data analysis/interpretation, and manuscript writing

*Graduate student project

Kivlan BR, **Martin RL**, Sekiya, JK. Response to diagnostic injection in those with femoroacetabular impingement, labral tears, chondral lesions, and extra-articular pathologies. *Arthroscopy: The Journal of Arthroscopic and Related Surgery*. 27:619-627; 2011.

Role: 50% contribution in study design, data analysis/interpretation, and manuscript writing

*Graduate student project

Yazbek PM, Ovanessian V, **Martin RL**, Fukuda TY. Nonsurgical Treatment of acetabular labrum tears: A case series. *Journal of Orthopaedic & Sports Physical Therapy*. 41:346-353; 2011.

Role: 60% contribution in data analysis/interpretation and manuscript writing

Borloz S, Crevoisier X, Deriaz O, Ballabeni P, **Martin RL**, Luthi F. Evidence for validity and reliability of a French version of the FAAM. *BMC Musculoskeletal Disorders*. 12:40; 2011.

Role: 25% contribution in study design, data analysis/interpretation, and manuscript writing

Martin RL, Kelly BT, Leunig M, Martin HD, Mohtadi NG, Philippon MJ, Sekiya JK, Safran MR. Reliability of clinical diagnosis in intraarticular hip disease. *Knee Surgery, Sports Traumatology, Arthroscopy*. 18:685-690; 2010.

Role: Greater than 75% contribution in study design, data analysis/interpretation, and manuscript writing

Martin HD, Kelly BT, Leunig M, Philippon MJ, Clohisy JC, **Martin RL**, Sekiya JK, Pietrobon R, Mohtadi NG, Sampson TG, Safran MR. The pattern and technique in the clinical evaluation of the adult hip: The common physical examination tests of hip specialists. *Arthroscopy: The Journal of Arthroscopic and Related Surgery*. 26:161-172; 2010.

Role: Less than 25% contribution in study design and data collection

Sekiya JK, **Martin RL**, Lesniak BP. Arthroscopic repair of delaminated acetabular articular cartilage in femoroacetabular impingement. *Orthopedics*. 32:692; 2009.

Role: Greater than 75% contribution in, data collection, data analysis/interpretation, and manuscript writing

Martin RL, Mohtadi NG, Safran MR, Leunig M, Martin HD, McCarthy J, Guanche CA, Kelly BT, Byrd JW, Clohisy JC, Philippon MJ, Sekiya JK. Differences in physician and patient ratings of items used to assess hip disorders. *American Journal of Sports Medicine*. 37:1508-1512; 2009.

Role: Greater than 75% contribution in study design, data collection, data analysis/interpretation, and manuscript writing

Martin RL, Hutt DM, Wukich DK. Evidence of validity for the Foot and Ankle Ability Measure (FAAM) in individuals with diabetes mellitus. *Foot & Ankle International*. 30:297-302; 2009.

Role: Greater than 75% contribution in study design, data collection, data analysis/interpretation and manuscript writing

Conti SF, Dazen D, Stewart G, Green A, **Martin RL**, Kuxhaus L, Miller MC. Proprioception after total ankle arthroplasty. *Foot & Ankle International*. 29:1069-1073; 2008.

Role: Less than 25% contribution in study design and data collection

Martin RL, Sekiya JK. The diagnostic accuracy of a clinical examination in determining intra-articular hip pain for potential hip arthroscopy candidates. *Arthroscopy: The Journal of Arthroscopic and Related Surgery*. 24:1013-1018; 2008.

Role: Greater than 75% contribution in study design, data collection, data analysis/interpretation, and manuscript writing

- Martin RL**, Philippon MJ. Evidence of reliability and responsiveness for the Hip Outcome Score (HOS). *Arthroscopy: The Journal of Arthroscopic and Related Surgery*. 24:676-682; 2008.
Role: Greater than 75% contribution in study design, data analysis/interpretation and manuscript writing
- Carcia CR, **Martin RL**, Drouin JM. Evidence of validity for the Foot and Ankle Ability Measure in athletes with chronic ankle instability. *Journal of Athletic Training*. 43:179-183; 2008.
Role: 45% contribution in data analysis/interpretation and manuscript writing
- Martin RL**, Sekiya JK. The interrater reliability of 4 clinical tests used to assess individuals with musculoskeletal hip pain. *Journal of Orthopaedic & Sports Physical Therapy*. 38:71-77; 2008.
Role: Greater than 75% contribution in study design, data collection, data analysis/interpretation, and manuscript writing
- Carcia CR, **Martin RL**. The influence of gender on gluteus medius activity during a drop jump. *Physical Therapy in Sport*. 8:169-176; 2007.
Role: 40% contribution in data analysis/interpretation and manuscript writing
- Martin RL**, Philippon MJ. Evidence of validity for the Hip Outcome Score in hip arthroscopy. *Arthroscopy: The Journal of Arthroscopic and Related Surgery*. 23:822-826; 2007.
Role: Greater than 75% contribution in study design, data collection, data analysis/interpretation, and manuscript writing
- Martin RL**, Kelly BT, Philippon MJ. Evidence of validity for the Hip Outcome Score (HOS). *Arthroscopy: The Journal of Arthroscopic and Related Surgery*. 22:1304-1311; 2006.
Role: Greater than 75% contribution in study design, data collection, data analysis/interpretation, and manuscript writing
- Conti SF, Lalonde KA, **Martin RL**. Kinematic analysis of Agility total ankle during gait. *Foot & Ankle International*. 27:980-984; 2006.
Role: 30% contribution in data analysis/interpretation and manuscript writing
- Martin RL**, Irrgang JJ, Burdett RG, Conti SF, VanSwearingen JM. Evidence of validity for the Foot and Ankle Ability Measure (FAAM). *Foot & Ankle International*. 26:968-983; 2005.
Role: Greater than 75% contribution in study design, data collection, data analysis/interpretation, and manuscript writing
- Martin RL**, Manning CM, Carcia CR, Conti SF. An outcome study of chronic Achilles tendonosis following excision of the Achilles tendon and flexor hallucis longus transfer. *Foot & Ankle International*. 26:691-697; 2005.
Role: 70% contribution in study design, data collection, data analysis/interpretation and manuscript writing
- Carcia CR, Shultz SJ, Granata KP, Perrin DH, **Martin RL**. Females recruit quadriceps faster than males at multiple knee flexion angles following a weight-bearing rotary perturbation. *Clinical Journal of Sports Medicine*. 15:161-171; 2005.
Role: Less than 25% contribution in data analysis/interpretation and manuscript writing
- Martin RL**, Conti SF, Irrgang JJ. Outcome study of subjects with insertional plantar fasciitis. *Foot & Ankle International*. 19:803-811; 1998.
Role: Greater than 75% contribution in study design, data collection, data analysis/interpretation, and manuscript writing

Martin RL, Conti SF. Plantar pressure analysis of diabetic rocker bottom deformity in total contact casts. *Foot & Ankle International*. 17:470-474; 1996.
Role: 70% contribution in study design, data collection, data analysis/interpretation and manuscript writing

Conti SF, **Martin RL**, Chaytor ER, Hughes C, Luttrell L. Comparisons of plantar pressure measurements between conventional short leg casts in normal subjects. *Foot & Ankle International*. 17:464-469; 1996.
Role: 60% contribution in study design, data collection, data analysis/interpretation, and manuscript writing

2. Invited Articles (Peer Reviewed)

Enseki KR, **Martin RL**, Kelly, BT. Rehabilitation after arthroscopic decompression for femoroacetabular impingement. *Clinics in Sports Medicine*. 29:247-255; 2010.
Role: 50% contribution in literature synthesis and manuscript writing

Martin RL, Enseki KR, Draovitch P, Trapuzzano T, Philippon MJ. Acetabular labral tears of the hip: Examination and diagnostic challenges. *Journal of Orthopaedic & Sports Physical Therapy*. 36:503-515; 2006.
Role: Greater than 75% contribution in literature synthesis and manuscript writing

Enseki KR, **Martin RL**, Draovitch P, Kelly BT, Philippon MJ. The hip joint: Arthroscopic procedures and postoperative rehabilitation. *Journal of Orthopaedic Sports & Physical Therapy*. 36:516-525; 2006.
Role: 30% contribution in literature synthesis and manuscript writing

Martin RL, Irrgang JJ, Lalonde KA, Conti SF. Current concepts review: Foot and ankle outcome instruments. *Foot & Ankle International*. 27:383-390; 2006.
Role: Greater than 75% contribution in literature synthesis and manuscript writing

Martin RL. Hip arthroscopy and outcome assessment. *Operative Techniques in Orthopaedics*. 15:290-296; 2005.

Schenker ML, **Martin RL**, Weiland DE, Philippon MJ. Current trends in hip arthroscopy: A review of injury diagnosis, surgical techniques, and outcome scoring. *Current Opinion in Orthopaedics*. 16:89-94; 2005.
Role: 40% contribution in literature synthesis and manuscript writing

3. Review Articles (Peer Reviewed)

Martin RL, McDonough, Enseki, K, Kohreiser, Kivlan BR. Clinical Relevance of the Ligamentum Teres: A literature review. *International Journal of Sports Physical Therapy*. 14:3; 2019
Role: >75% contribution in study design, data analysis/interpretation and manuscript writing

McGovern RP, **Martin RL**, Kivlan BR, Christoforetti JJ. Non-Operative Management of Individuals with Non-Arthritic Hip Pain: A Systematic Review. *International Journal of Sports Physical Therapy*. 14:1; 2019

**Graduate student project*

Gomez-Hoyos J, **Martin RL**, Palmer IJ, Martin HD. Current Concepts Review: Evaluation and Management of Posterior Hip Pain. *Journal of the American Academy of Orthopaedic Surgeons*. doi: 10.5435/JAAOS-D-15-00629; 2018

Role: Less than 25% contribution in manuscript preparation

McGovern RP, **Martin RL**, Christoforetti JJ, Kivlan. Evidence-Based Procedures for Performing the Single Leg Squat and Step-Down Tests: A Systematic Review. *International Journal of Sports Physical Therapy*. 13:; 2018.

Role: 50% contribution in literature synthesis and manuscript writing

**Graduate student project*

Martin RL, Chimenti R, Cuddlefor T, Houck J, Matheson JW, McDonough CM, Paulseth S, Wukich EK, Carcia CR. Achilles Tendinitis- Revision 2017 Clinical Practice Guidelines Linked to the International Classification of Functioning, Disability, and Health from the Orthopaedic Section of the American Physical Therapy Association. *Journal of Orthopaedic & Sports Physical Therapy*. 48:A1-38; 2018.

Role: 30% contribution in literature synthesis and manuscript writing

Martin RL, Kivlan BR, Martin HD. Nerve Entrapment in the Hip Region: Current Concepts Review. *International Journal of Sports Physical Therapy*. 12: 1163-1173; 2017

Role: Greater than 75% contribution in manuscript preparation

Griffin DR, Dickenson EJ, Agricola R, Awan T, Beck M, Clohisy J, Dijkstra P, Falvey E, Gimpel M, Hinman R, Holmich P, Kassarian A, **Martin R**, Mather R, Philippon MJ, Rieman M, Takla A, Thorborg K, Walker S, Weir A, O'Donnell J, Bennell K. The 2016 Warwick Agreement on Femoroacetabular Impingement Syndrome (FAI syndrome): An international consensus statement. *British Journal of Sports Medicine*. 50: 1169-1176; 2016

Role: Less than 25% contribution in manuscript preparation

McGovern, RP, **Martin RL** Managing Ankle Ligament Sprains and Tears: Current Opinion. *Open Access Journal of Sports Medicine*.7: 33-42; 2016

Role: Greater than 75% contribution in literature synthesis and manuscript writing

**Graduate student project*

Martin RL, Martin HD. Function and Clinical Relevance of the Ligamentum Teres: A Current Concept Function and Clinical Relevance of the Ligamentum Teres: *Current Orthopaedic Practice*. 26: 425-428; 2015

Role: Greater than 75% contribution in literature synthesis and manuscript writing

Martin RL, Davenport TE, Reischl S, McPoil TG, Matheson JW, Wukich DK, McDonough CM. Heel pain-plantar fasciitis: Revision 2014. Clinical practice guideline linked to the international classification of functioning, disability, and health from the Orthopaedic Section of the American Physical Therapy Association. *Journal of Orthopaedic & Sports Physical Therapy*. 44:A1-23; 2014.

Role: 30% contribution in literature synthesis and manuscript writing

Kivlan BR, **Martin RL**. Classification-based treatment of hip pathology in older adults. *Topics in Geriatric Rehabilitation*. 29:218-226; 2013.

Role: 50% contribution in literature synthesis and manuscript writing

**Graduate student project*

Valencia EB, **Martin RL**. Hip Considerations for the senior golfer. *Topics in Geriatric Rehabilitation*. 29:294-297; 2013.

Role: 70% contribution in literature synthesis and manuscript writing

Martin RL, Davenport TE, Paulseth S, Wukich DK, Godges, J. Ankle stability and movement coordination impairments: Ankle sprains. Clinical practice guideline linked to the international classification of functioning, disability, and health from the Orthopaedic Section of the American Physical Therapy Association. *Journal of Orthopaedic & Sports Physical Therapy*. 43:A1-40; 2013.

Role: 70% contribution in literature synthesis and manuscript writing

Kivlan BR, **Martin RL**. Functional performance testing of the hip in athletes: A systematic review for reliability and validity. *The International Journal of Sports Physical Therapy*. 7:402-412; 2012.

Role: 50% contribution in literature synthesis and manuscript writing

*Graduate student project

Haas NS, Edwards H, Hoffman H, Thomas JL, Easley M, Beecher PJ, Thomas P, **Martin RL**, Mandel S, MD. Foot and Ankle Disorders. In: Hegman KT, Huges MA, eds. *American College of Occupational and Environmental Medicine Evidence-Based Practice Guidelines*. 1099-1453; 2010.

Role: Less than 25% contribution in literature synthesis and manuscript writing

Carcia CR, **Martin RL**, Houck J, Wukich DK. Achilles pain, stiffness, and muscle power deficits: Achilles tendinitis. A clinical practice guideline linked to the international classification of functioning, disability, and health from the Orthopaedic Section of the American Physical Therapy Association. *Journal of Orthopaedic & Sports Physical Therapy*. 40:A1-26; 2010.

Role: 25% contribution in literature synthesis and manuscript writing

McPoil TG, **Martin RL**, Cornwall MW, Wukich DK, MD, Irrgang JJ, Godges JJ. Heel pain – plantar fasciitis: A clinical practice guideline linked to the international classification of function, disability, and health from the Orthopaedic Section of the American Physical Therapy Association. *Journal of Orthopaedic & Sports Physical Therapy*. 38:A1-A18; 2008.

Role: Less than 25% contribution in literature synthesis and manuscript writing

Martin RL, Stewart GW, Conti SF. Posttraumatic arthritis: An update on conservative and surgical management. *Journal of Orthopaedic & Sports Physical Therapy*. 37:253-25; 2007.

Role: Greater than 75% contribution in literature synthesis and manuscript writing

Martin RL, Irrgang JJ. A survey of self-reported outcome instruments for the foot and ankle. *Journal of Orthopaedic Sports & Physical Therapy*. 37:72-84; 2007.

Role: Greater than 75% contribution in literature synthesis and manuscript writing

Martin RL, McPoil T. Reliability of ankle goniometric measurements: A literature review. *Journal of the American Podiatric Medical Association*. 95:564-572; 2005.

Role: Greater than 75% contribution in literature synthesis and manuscript writing

Conti SF, **Martin RL**. Update on ankle replacement. *Seminars in Arthroplasty*. 10:62-71; 1999.

Role: Less than 25% contribution in literature synthesis and manuscript writing

4. Articles Accepted for Publication (Peer Reviewed)

Carreira DS, Christoforetti JJ, Salvo JP, Wolff AB, **Martin RL**, Nho SJ, Kruchten M. Inter-observer and Intra-observer reliability of intra-articular hip pathologies during hip arthroscopy

Iliopsoas the hidden muscle: anatomy, diagnosis and treatment. *Current Sports Medicine Reports*.

5. Invited Commentary

Kivlan BR, **Martin RL**. Editorial Commentary: A-version to a Pain in the Butt—Structural and Dynamic Determinants of Posterior Hip Pain. *Arthroscopy: The Journal of Arthroscopic & Related Surgery*. 36: 156-158; 2020

Martin RL. Commentary on “The Movement Continuum Special Series.” *Physical Therapy*. 87:927-928; 2007.

6. Non-Peer Reviewed Publications

Cacolice PA, Scibek JS, **Martin RL**. Diathermy: A literature review of current research and practices. *Orthopaedic Physical Therapy Practice*. 25:155-161; 2013.
Role: 50% contribution in literature synthesis and manuscript writing
*Graduate student project

Kivlan BR, **Martin RL**. Literature review and clinical application of function performance tests for hip-related dysfunction. *Orthopaedic Physical Therapy Practice*. 25:170-173; 2013.
Role: 50% contribution in literature synthesis and manuscript writing
*Graduate student project

Kivlan BR, **Martin RL**. Outcome instruments for the hip: A guide to implementation. *Orthopaedic Physical Therapy Practice*. 25:162-169; 2013.
Role: 50% contribution in literature synthesis and manuscript writing
*Graduate student project

Herzog A, **Martin RL**, Scibek J. Shoulder injuries in swimmers: Causes, evaluation, and treatment. *Orthopaedic Physical Therapy Practice*. 25:146-152; 2013.
Role: 60% contribution in literature synthesis and manuscript writing
*Graduate student project

Lindenberg KM, Carcia CR, **Martin RL**. Clinical applications of functional foot orthoses. *Orthopaedic Physical Therapy Practice*. 22:141-145; 2010.
Role: Less than 25% contribution in literature synthesis and manuscript writing
*Graduate student project

Paulseth S, Han JB, **Martin RL**. The navicular whip thrust technique. *Orthopaedic Physical Therapy Practice*. 21:106-107; 2009.
Role: 40% contribution in literature synthesis and manuscript writing

Martin RL, Paulseth S, Carcia CR. Taping techniques for Achilles tendinopathy. *Orthopaedic Physical Therapy Practice*. 21:47-48; 2009.
Role: 70% contribution in literature synthesis and manuscript writing

Combs DB, **Martin RL**, Wukich DK. Pes cavus deformities. *Orthopaedic Physical Therapy Practice*. 21:54-55; 2009.
Role: Less than 25% contribution in literature synthesis and manuscript writing

Chu BI, **Martin RL**, Carcia CR, Sekiya JK. Surgical techniques and post-operative rehabilitation for isolated posterior cruciate ligament injuries. *Orthopaedic Physical Therapy Practice*. 19:183-187; 2007.

Role: 30% contribution in literature synthesis and manuscript writing

Carcia CR, **Martin RL**. Isolated posterior cruciate ligament injuries, Part II: Natural history, rehabilitation principles and case study. *Orthopaedic Physical Therapy Practice*. 19:137-141; 2007.

Role: Less than 25% contribution in literature synthesis and manuscript writing

Carcia CR, **Martin RL**. Isolated posterior cruciate ligament injuries, Part I: Anatomy, biomechanics, mechanism of injury, and examination. *Orthopaedic Physical Therapy Practice*. 19:81-86; 2007.

Role: Less than 25% contribution in literature synthesis and manuscript writing

Martin RL. Interpreting scores from self-reported outcome instruments. *Orthopaedic Physical Therapy Practice*. 18:51-52; 2006.

Carcia CR, **Martin RL**. Controversies in chronic ankle instability. *Orthopaedic Practice*. 19:54-55; 2007.

Role: 40% contribution in literature synthesis and manuscript writing

Martin RL. An update on ankle arthritis. *Orthopaedic Physical Therapy Practice*. 18:49-50; 2006.

Carcia CR, **Martin RL**, Civitello M. Letters to the editor: Ultrasound efficacy. *Physical Therapy*. 84:982; 2004.

Role: 20% contribution in literature synthesis and manuscript writing

Martin RL. Considerations for differential diagnosis of an ankle sprain in the adolescent. *Orthopaedic Physical Therapy Practice*. 16:21-22; 2004.

B. Book Chapters Pertaining to Scholarship

Martin RL, McGovern RP, Schroder RG, Kivlan BR: Physical Therapy and Rehabilitation in Posterior Hip Pathology. In: Martin HD, Gomez-Hoyos J, eds. *Posterior Hip Disorders: Clinical Evaluation and Management*. Springer; 2018

*Graduate student project

Martin RL, Kivlan BR, Enseki KR: Rehabilitation after Hip Arthroscopy. In: McCarthy J, Villar R, Noble, eds. *Hip Joint Restoration: Worldwide Advances in Arthroscopy, Arthroplasty, Osteotomy and Joint Preservation Surgery*; 815-823; New York, NY; 2017

*Graduate student project

Martin RL, Foot and Ankle Rehabilitation. In: Miller M, ed. *Orthopaedic Knowledge Update: Sports Medicine 5*. American Academy of Orthopaedic Surgery; 383-392; 2016

Kivlan B, **Martin RL**, Martin HD, Kelly BT: Hip Injuries in Baseball. In: Dines JS, El Attrache N, Altchek D, Andrews J, Yocum L, Wilk K, eds. *Sports Medicine of Baseball*. Philadelphia, PA: Lippincott, Williams & Wilkins; 317-325; 2012.

*Graduate student project

Asheesh B, **Martin RL**, Kelly, BT: Endoscopic Repair of Abductor Tears. In: Ranawat A, Kelly BT, eds. *Musculoskeletal Examination of the Hip and Knee: Making the Complex Simple*. Thorofare, NJ: SLACK; 183-208; 2011.

Martin RL, Enseki KR: Nonoperative Management and Rehabilitation of the Hip. In: Sekiya JK, Safran M, Ranawat A, Leunig M, eds. *Techniques in Hip Arthroscopy and Joint Preservation Surgery*. Philadelphia PA: Elsevier; 67-73; 2010.

Martin RL, Carcia CR, Belczyk R, Wukich DK: Foot and Ankle Clinical Decision Making Chapter. In: Sueki D, Brechter J, eds. *Orthopedic Rehabilitation Clinical Advisor*. St. Louis, MO: Elsevier; 252-263; 2009.

Kelly BT, Draovitch P, Enseki KR, **Martin RL**, Erhardt R, Philippon MJ: Hip Arthroscopy and the Management of Non-Arthritic Hip Pain. In: Harner C, El Attrache N, Mirzayan R, Sekiya J, eds. *Surgical Techniques in Sports Medicine*. Philadelphia, PA: Lippincott Williams & Wilkins; 583-612; 2007.

C. Funded Grant Submissions

2019 International Society of Orthopaedic Surgery and Traumatology (SICOT) Research Academy Grant
"Multi-Center Arthroscopic Study of the Hip (MASH)"
September 2019- ongoing
Funded: \$10,000
Role: Co-investigator (<25% participation)

Pennsylvania Physical Therapy Association
"Functional Testing of the Hip"
September 2011-September 2013: Work completed
Funded: \$1,000
Role: Co-investigator (50% participation)
**Graduate student project*

DePuy Research Grant
"Ankle Proprioception after Total Ankle Replacement"
March 2006 - December 2007: Work completed
Funded: \$10,000
Role: Co-investigator (10% participation)

Steadman Hawkins Sports Medicine Foundation Research Grant
"Patient-Reported Outcome Following Hip Arthroscopy"
May 2005 - April 2006: Work completed
Funded: \$2,000
Role: Principal Investigator (90% participation)

American Physical Therapy Orthopaedic Section Clinical Research Grant
"Development of the Hip Outcome Score."
March 2004 - June 2006: Work Completed
Funded: \$5,600
Role: Principal Investigator (90% participation)

D. Grant Submissions Not Funded

National Football League Grant Foundation

“Traumatic Injuries of the Hip in the Athlete: Hip Mechanics, Rehabilitation, and Outcomes following Treatment of Labral Tears and Associated Pathologies”

Submitted June 2005

Not Funded: \$120,997.75

Role: Co-investigator: Contributed in grant writing

Albert Ferguson Orthopaedic Fund

“A Hallux Valgus Outcome Study using Gait Analysis”

Submitted April 2004

Not Funded: \$8,685

Role: Principal Investigator

Duquesne University Faculty Development Fund

“A Hallux Valgus Outcome Study using Gait Analysis”

Submitted January 2004

Not Funded: \$8,685

Role: Principal Investigator

E. Scholarly Presentations

1. International Forum

Studies of Physiotherapy in FAI Syndrome

Annual Scientific Meeting of the International Society for Hip Arthroscopy. Madrid, Spain; October 2019. *(invited)*

Posterior Hip Pain

Annual Scientific Meeting of the International Society for Hip Arthroscopy. Madrid, Spain; October 2019. *(invited)*

Also presented at:

The Annual Meeting of the Israeli Society for Sports Medicine and The 5th Biennial Israeli Hip Symposium. Tel Aviv, Israel; September 2019.*(invited)*

The Effect of Functional Movement Control on Patient-Reported Outcomes in Individuals with Non-Arthritic Hip Pain

Annual Scientific Meeting of the International Society for Hip Arthroscopy. Madrid, Spain; October 2019. *(Competitive review)*

Also presented at:

The Annual Meeting of the Israeli Society for Sports Medicine and The 5th Biennial Israeli Hip Symposium. Tel Aviv, Israel; September 2019.*(invited)*

Evidence of Responsiveness with a Minimal Clinically Important Difference and Substantial Clinical Benefit Values for the 12-Item International Hip Outcome Score. **Martin RL**

Annual Scientific Meeting of the International Society for Hip Arthroscopy. Melbourne, Australia; October 2018. *(competitive review)*

The Patient Acceptable Symptomatic State of the International Hip Outcome Tool-12 (iHOT-12) at two-year follow-up of Hip Preservation Surgery. **Martin RL**, Kivlan BR

Annual Scientific Meeting of the International Society for Hip Arthroscopy. Melbourne, Australia; October 2018. *(competitive review)*

The Impact of Depression on Patient Outcomes in Hip Arthroscopy. **Martin RL**

Annual Scientific Meeting of the International Society for Hip Arthroscopy. Melbourne, Australia; October 2018. *(competitive review)*

Also presented at:

American Physical Therapy Association Combined Sections Meeting. Washington DC; January 2019. *(national forum/ competitive review)*

Evidence for Reliability and Validity of the Single Leg Squat and Step-Down Tests in Evaluation of Individuals with Non-Arthritic Hip Pain. **Martin RL**, McGovern R

Annual Scientific Meeting of the International Society for Hip Arthroscopy. Melbourne, Australia; October 2018. *(competitive review)*

Soft-Tissues: Physio Rehabilitation Considerations. **Marin RL**

Annual Scientific Meeting of the International Society for Hip Arthroscopy. Melbourne, Australia; October 2018. *(invited)*

Anatomy Basic Science- Posterior Hip Pain: Subgluteal Nerve Entrapment, Hip Spine Syndrome, Hamstring Syndrome. **Martin RL**

Annual Scientific Meeting of the International Society for Hip Arthroscopy. Santiago, Chile; October 2017. *(invited)*

Evaluation- Posterior Hip Pain: Subgluteal Nerve Entrapment, Hip Spine Syndrome, Hamstring Syndrome. **Martin RL**

Annual Scientific Meeting of the International Society for Hip Arthroscopy. Santiago, Chile; October 2017. *(invited)*

Post-Surgical Rehab- Posterior Hip Pain: Subgluteal Nerve Entrapment, Hip Spine Syndrome, Hamstring Syndrome. **Martin RL**

Annual Scientific Meeting of the International Society for Hip Arthroscopy. Santiago, Chile; October 2017. *(invited)*

A Mechanism for Ligamentum Teres Injuries in Femoroacetabular Impingement: An Anatomical Study. **Martin RL**, Kivlan, McGovern, R.

Annual Scientific Meeting of the International Society for Hip Arthroscopy. Santiago, Chile; October 2017. *(competitive review)*

Also presented at:

American Physical Therapy Association Combined Sections Meeting. New Orleans, LA; February 2018. *(competitive review)*

Evidence Based Procedures for Performing the Single Leg Squat Test and Step Down Test: A Systematic Review. **Martin RL**, McGovern R, Christoforetti J.

Annual Scientific Meeting of the International Society for Hip Arthroscopy. Santiago, Chile; October 2017. *(competitive review)*

Also presented at:

American Physical Therapy Association Combined Sections Meeting. New Orleans, LA; February 2018. *(competitive review)*

Extra-Articular Syndromes about the hip. **Martin RL**

Annual Scientific Meeting of the International Society for Hip Arthroscopy. San Francisco; September 2016.*(invited)*

A Cadaveric Study of the Dynamic Internal Rotation Impingement (DIRI) and Dynamic External Rotation Impingement (DEXRI) Tests. **Martin RL**, Kivlan BR, Martin HD
16th Biennial Congress of South African Sports Medicine Association. Johannesburg, South Africa; October 2015. *(competitive review)*

Multidisciplinary approach to Deep Gluteal Syndrome – A case series. Schröder RG, **Martin RL**, Gómez-Hoyos J, Khoury AA, Palmer IJ, Martin HD
16th Biennial Congress of South African Sports Medicine Association. Johannesburg, South Africa; October 2015.*(competitive review)*

Also presented at:

Annual Scientific Meeting of the International Society for Hip Arthroscopy. Cambridge, United Kingdom; September 2015. *(competitive review)*

Evaluation and Manual Therapy Techniques for Lumbopelvic-Hip Pain: A Hands-on Laboratory and Clinical Application Course. **Martin RL**
16th Biennial Congress of South African Sports Medicine Association. Johannesburg, South Africa; October 2015.*(invited)*

Manual Therapy and Taping Techniques for the Foot and Ankle Complex: A Hands-on Laboratory and Clinical Application Course. **Martin RL**
16th Biennial Congress of South African Sports Medicine Association. Johannesburg, South Africa; October 2015.*(invited)*

Sources of Posterior Hip Pain: Ischial Femoral Impingement, Greater Trochanteric Ischial Impingement, and Nerve Entrapment. **Martin RL**
16th Biennial Congress of South African Sports Medicine Association. Johannesburg, South Africa; October 2015.*(invited)*

Also presented at:

The Annual Meeting of the Israeli Society for Sports Medicine and The 3rd Biennial Israeli Hip Symposium. Tel Aviv, Israel; September 2015.*(invited)*

Clinical Anatomy and Evidenced Based Evaluation Techniques for Individuals with Hip Pathology. **Martin RL**
16th Biennial Congress of South African Sports Medicine Association. Johannesburg, South Africa; October 2015.*(invited)*

Also presented at

The Annual Meeting of the Israeli Society for Sports Medicine and The 3rd Biennial Israeli Hip Symposium. Tel Aviv, Israel; September 2015.*(invited)*

Practical workshop: Evaluation and treatment of posterior hip pain. **Martin RL**
The Annual Meeting of the Israeli Society for Sports Medicine and The 3rd Biennial Israeli Hip Symposium. Tel Aviv, Israel; September 2015.*(invited)*

Hip Region: Evaluation Algorithm and Classification Based Intervention Strategies.
The Annual Meeting of the Israeli Society for Sports Medicine and The 3rd Biennial Israeli Hip Symposium. Tel Aviv, Israel; September 2015.*(invited)*

How Various Surgical Procedures Influence Rehabilitation. **Martin RL**

The Annual Meeting of the Israeli Society for Sports Medicine and The 3rd Biennial Israeli Hip Symposium. Tel Aviv, Israel; September 2015.*(invited)*

Clinical Case Panel: Rehabilitation after hip replacement: does the approach matters? **Martin RL**
The Annual Meeting of the Israeli Society for Sports Medicine and The 3rd Biennial Israeli Hip Symposium. Tel Aviv, Israel; September 2015.*(invited)*

Role of Rehabilitation after Hip Arthroscopy **Martin RL**
The Annual Meeting of the Israeli Society for Sports Medicine and The 3rd Biennial Israeli Hip Symposium. Tel Aviv, Israel; September 2015.*(invited)*

Accuracy of two clinical tests for ischiofemoral impingement in patients with posterior hip pain. Gomez-Hoyos J, Schröder RG, Martin HD, **Martin RL**.
Annual Scientific Meeting of the International Society for Hip Arthroscopy. Cambridge, England; September 2015. *(competitive review)*
Also presented at
American Physical Therapy Association Combined Sections Meeting. Anaheim, CA; February 2016. *(national forum/ competitive review)*

Milestones in rehabilitation after hip arthroscopy, when to advance the patient and what to do with over and under achievers. Martin RL
Annual Scientific Meeting of the International Society for Hip Arthroscopy. Cambridge, England; September 2015. *(invited)*

Essential Components of Conservative Management of Hip Pain. **Martin RL**
Annual Scientific Meeting of the International Society for Hip Arthroscopy. Cambridge, England; September 2015. *(invited)*

The physiotherapist's role in in the diagnostic pathway. **Martin RL**
Annual Scientific Meeting of the International Society for Hip Arthroscopy. Cambridge, England; September 2015. *(invited)*

Does Decreased Femoral Version Influence Pelvis and Lumbar Spine Kinematics During Gait ?
Schröder RG, **Martin RL**, Gómez-Hoyos J, Coleman SC, Palmer IJ, Martin HD
Annual Scientific Meeting of the International Society for Hip Arthroscopy. Cambridge, United Kingdom; October 2014. *(competitive review)*

Post-operative Rehabilitation Techniques. Fukuda T, Getz B, **Martin RL**
Annual Scientific Meeting of the International Society for Hip Arthroscopy. Rio de Janeiro, Brazil; October 2014. *(invited)*

Role of Rehabilitation after Hip Arthroscopy. **Martin RL**
Annual Scientific Meeting of the International Society for Hip Arthroscopy. Rio de Janeiro, Brazil; October 2014. *(invited)*

How Various Surgical Procedures Influence Rehabilitation. **Martin RL**
Annual Scientific Meeting of the International Society for Hip Arthroscopy. Rio de Janeiro, Brazil; October 2014. *(invited)*

Pre-Hab & Rehabilitation of the Patient with Non-Arthritic Hip. Fukuda T, Getz B, **Martin RL**, Queiroz M

Annual Scientific Meeting of the International Society for Hip Arthroscopy. Rio de Janeiro, Brazil; October 2014. (*competitive review*)

Greater Trochanter-Ischial Impingement: A Potential Source of Posterior Hip Pain

Martin RL

Annual Scientific Meeting of the International Society for Hip Arthroscopy. Rio de Janeiro, Brazil; October 2014. (*competitive review*)

Also presented at:

American Physical Therapy Association Combined Sections Meeting. Indianapolis, IN; February 2015. (*national forum/ competitive review*)

**Graduate student project*

Ischiofemoral Impingement: Defining the Ischial-Lesser Trochanteric Space

Martin RL

Annual Scientific Meeting of the International Society for Hip Arthroscopy. Rio de Janeiro, Brazil; October 2014. (*competitive review*)

Also presented at:

American Physical Therapy Association Combined Sections Meeting. Indianapolis, IN; February 2015. (*national forum/ competitive review*)

**Graduate student project*

Clinical Anatomy and Evidenced Based Evaluation Techniques for Individuals with Hip Pathology.

Martin RL

IV Meeting Internacional Científico
[4th International Scientific Meeting]
Amparo, Brazil; October 2013. (*invited*)

Manual Therapy-Mobilizations for the Foot and Ankle Region. **Martin RL**

IV Meeting Internacional Científico
[4th International Scientific Meeting]
Amparo, Brazil; October 2013. (*invited*)

Is Rehabilitation Necessary Following Hip Arthroscopy? Bonin N, Bharam S, **Martin RL**, Sampson, T, Meyer J, Polesello G

4th Annual Scientific Meeting of the International Society for Hip Arthroscopy. Boston, MA; September 2012. (*invited*)

Functional Performance Testing for Hip Dysfunction in the Performing Arts. Kivlan BR, **Martin RL**, Holzworth J, Ryan H, Christoforetti JJ

4th Annual Scientific Meeting of the International Society for Hip Arthroscopy. Boston, MA; September 2012. (*competitive review*)

Examination Process in Non-arthritic Hip Pain. **Martin RL**

Congresso de Fisioterapia Musculoesquelética: Ênfase em Joelho e Quadril
[Congress of Musculoskeletal Physiotherapy: A Focus on the Knee and Hip]
Sao Paulo, Brazil; June 2011. (*invited*)

Rehabilitation after Arthroscopic Surgery to Correct Femoroacetabular Impingement. **Martin RL**

Congresso de Fisioterapia Musculoesquelética: Ênfase em Joelho e Quadril
[Congress of Musculoskeletal Physiotherapy: A Focus on the Knee and Hip]
Sao Paulo, Brazil; June 2011. (*invited*)

Best Tip: Rehabilitation Following Femoroacetabular Impingement Surgery. **Martin RL**
3rd Annual Scientific Meeting of the International Society for Hip Arthroscopy. Paris, France;
October 2011. (*invited*)

An Anatomical Model for Function of the Ligamentum Teres. Kivlan BR, Clemente FR, **Martin RL**,
Martin HD
3rd Annual Scientific Meeting of the International Society for Hip Arthroscopy. Paris, France;
October 2011. (*competitive review*)

Also presented at:

American Physical Therapy Association Combined Sections Meeting. Chicago, IL; February
2012. (*national forum/ competitive review*)

**Graduate student project*

The Diagnostic Accuracy of Clinical Tests in Identifying those with Deep Gluteal Nerve Entrapment.
Martin RL, Palmer IJ, Shears S, Kivlan BR, Martin HD
3rd Annual Scientific Meeting of the International Society for Hip Arthroscopy. Paris, France;
October 2011. (*competitive review*)

Also presented at:

American Physical Therapy Association Combined Sections Meeting. Chicago, IL; February 2012.
(*national forum/ competitive review*)

Abstract published in: *Journal of Orthopaedic & Sports Physical Therapy*. 42:A17-18; 2012.

**Graduate student project*

Response to Diagnostic Injection in those with Femoroacetabular Impingement, Labral Tears, Chondral
Lesions, and Extra-Articular Pathologies of the Hip. Kivlan BR, **Martin RL**, Sekiya JK
Annual Arthroscopy Association of North America Conference. San Francisco, CA; April 2011.
(*competitive review*)

Also presented at:

American Physical Therapy Association Combined Sections Meeting. New Orleans, LA; February
2011. (*national forum/ competitive review*)

Abstract published in: *Journal of Orthopaedic & Sports Physical Therapy*. 41:A38; 2011.

**Graduate student project*

Evidence for Validity and Reliability of a French Version of the FAAM. Borloz S, Crevoisier X, Deriaz O,
Ballabeni P, **Martin RL**, Luthi F

Swiss Orthopedics Congress. Lausanne, Switzerland, June 2011. (*competitive review*)

Also presented at:

25th Nation Congress of the French Society of Physical and Rehabilitation Medicine. Marseille,
France; October 2010. (*competitive review*)

Ligamentum Teres: A Functional Description and Potential Clinical Relevance. **Martin RL**, Palmer I,
Martin HD

International Society of Hip Arthroscopy. Cancun, Mexico; October 2010. (*competitive review*)

The Relationship of Patient Symptoms and Examination Findings to Diagnostic Anesthetic Intraarticular
Hip Injection. **Martin RL**, Sekiya JK

American Academy of Orthopaedic Surgeons Annual Meeting. San Francisco, CA; March. 2008.
(*competitive review*)

The Response of Diagnostic Intraarticular Hip Injection for Individuals with Acetabular Labral Tears.
Martin RL, Sekiya JK

American Academy of Orthopaedic Surgeons Annual Meeting. San Francisco, C.; March 2008.
(*competitive review*)

Also presented at:

American Physical Therapy Association Combined Sections Meeting. Nashville, TN; February 2008. (*national forum/ competitive review*)

Abstract published in: *Journal of Orthopaedic & Sports Physical Therapy*. 38:A28; 2008.

The Reliability and Validity of Clinical Tests Used to Assess Individuals with Potential Labral Tears of the Hip. **Martin RL**, Sekiya JK

Annual Arthroscopy Association of North America Conference. San Francisco, CA; April 2007.
(*competitive review*)

Abstract published in: *Arthroscopy: The Journal of Arthroscopic and Related Surgery*. 23S: e10-11; 2007.

Total Ankle Arthroplasty does not affect Ankle Position Sense: Testing with Robotic Actuation. Miller MC, Dazen D, **Martin RL**, Stewart GW, Conti SF

Annual Meeting of the Orthopaedic Research Society. San Diego, CA; February 2007.
(*competitive review*)

Ankle Proprioception Under Self-Driven Servocontrol. Kristell D, Dazen D, **Martin RL**, Arnold K, Conti SF, Miller MC

5th World Congress of Biomechanics. Munich, Germany; July 2006. (*competitive review*)

Can Pain Distribution Distinguish Individuals With Labral Tears From Individuals With Iliotibial Band Syndrome? **Martin RL**, Philippon MJ

American Academy of Orthopaedic Surgeons Annual Meeting. Chicago, IL; March 2006.
(*competitive review*)

Detecting Partial Tears of the Ligamentum Teres using MR Arthrography. Armfield D, **Martin RL**, Robertson D, Almusa E, Towers J, Kelly BT, Philippon MJ

American Academy of Orthopaedic Surgeons Annual Meeting. Chicago IL; March 2006.
(*competitive review*)

Also presented at:

The Society of Skeletal Radiology Annual Meeting. Tucson, AZ; January 2006.
(*competitive review*)

MRI Findings of Capsular Laxity of the Hip: A Source of Microinstability. Armfield, D, **Martin RL**, Robertson D, Almusa E, Towers J, Philippon MJ

The Society of Skeletal Radiology: Annual Meeting. Tucson, AZ; January 2006.
(*competitive review*)

A Classification System for Labral Tears of the Hip. Phillipon MJ, **Martin RL**, Kelly BT

Annual Arthroscopy Association of North America Conference. Vancouver, Canada; May 2005.
(*competitive review*)

Abstract published in: *Arthroscopy: The Journal of Arthroscopic and Related Surgery*. 21S:e36; 2005.

Also presented at:

American Physical Therapy Association Combined Sections Meeting. New Orleans, LA; February 2005. (*national forum/competitive review*)

Abstract published in: *Journal of Orthopaedic & Sports Physical Therapy*. 35:A23; 2005.

Evidence of Validity for the Hip Outcome Score (HOS). **Martin RL**, Philippon MJ, Kelly BT

Annual Arthroscopy Association of North America Conference. Vancouver, Canada; May 2005.
(*competitive review*)

Also presented at:

American Physical Therapy Association Combined Sections Meeting. New Orleans, LA;
February 2005. (*national forum/competitive review*)

Abstract published in: *Journal of Orthopaedic & Sports Physical Therapy*. 35:A18; 2005.

The Treatment of Chronic Achilles Tendonosis with a Flexor Hallucis Longus Transfer. **Martin RL**, Conti SF, Lalonde K

American Academy of Orthopaedic Surgeons Annual Meeting. Washington, DC; February 2005.
(*competitive review*)

Also presented at:

Canadian Orthopaedic Association Meeting. Montreal, Canada; June 2005.
(*competitive review*)

2. National Forum

Movement System-Based Treatment Approach for the Hip Joint

Kivlan BR, Martin RL, Carrol L, McGovern R

American Physical Therapy Association Combined Sections Meeting. Denver, CO; January 2020. (*invited*)

Science Meets Practice 8: The “Hip Check”: Evaluation and Treatment of Athletic Hip injuries

American Physical Therapy Association Combined Sections Meeting. Denver, CO; January 2020. (*invited*)

Ankle Stability and Movement Coordination Impairments- Ligament Sprains: Orthopaedic Sponsored Clinical Practice Guideline Update 2020.

American Physical Therapy Association Combined Sections Meeting. Denver, CO; January 2020. (*invited*)

Eugene Michels Research Forum: Patient-Reported Outcomes: Do They Improve Patient Care?

Cook K, Baumhauer J, Martin RL.

American Physical Therapy Association Combined Sections Meeting. Washington, DC; January 2019.
(*invited*)

The Hip-Spine Connection: Relationships of the Hip Joint and Lumbar Spine

Kivlan BR, Martin HD, **Martin RL**.

American Physical Therapy Association Combined Sections Meeting. Washington, DC; January 2019. (*competitive review*)

Chronic Ankle Instability and Hip Muscle Function: A Systematic Review

Carrol L, Kivlan BR, Martin RL.

American Physical Therapy Association Combined Sections Meeting. Washington, DC; January 2019. (*competitive review*)

Hip Instability: Mechanisms and Management of the Unstable Hip in

Athletes: Kivlan BR, Martin HD, **Martin RL**.

American Physical Therapy Association Combined Sections Meeting. San Antonio, TX; February 2017. (*competitive review*)

The Accuracy of 3 Clinical Tests in Diagnosing Proximal Hamstring Pathology. McGovern RP, Kivlan BR, Martin RL.

American Physical Therapy Association Combined Sections Meeting. San Antonio, TX; February 2017. (*competitive review*)

Length Change of the Short External Rotators of the Hip in Common Stretch Positions. McGovern RP, Kivlan BR, Martin RL, Martin GA.
American Physical Therapy Association Combined Sections Meeting. San Antonio, TX; February 2017. *(competitive review)*

Conservative Management of Posterior Hip Pain in the Athlete. **Martin RL**.
The Philadelphia Sports Medicine Congress. Philadelphia, PA; June 2016. *(invited)*

Validity of Dynamic Impingement Testing for Determining the Location of Femoroacetabular Impingement: A Cadaveric Study. Kivlan BR, Martin HD, **Martin RL**.
American Physical Therapy Association Combined Sections Meeting. Anaheim, CA; February 2016. *(competitive review)*

Hip Pain Beyond Femoroacetabular Impingement and Labral Tears. Kivlan BR, Martin HD, **Martin RL**.
American Physical Therapy Association Combined Sections Meeting. Anaheim, CA; February 2016. *(competitive review)*

Orthopaedic Section ICF-based Clinical Practice Guidelines for Heel Pain: Updates in Evaluation and Management Christine M. McDonough CM, **Martin RL**, Matheson JW, Davenport T
American Physical Therapy Association Combined Sections Meeting. Indianapolis, IN; February 2015. *(competitive review)*

The Effect of Astym Treatment on Muscle Performance: A Blinded, Randomized, Clinically Controlled Trial. Kivlan BR, **Martin RL**, Stover S, Sevier T.
American Physical Therapy Association Combined Sections Meeting. Indianapolis, IN; February 2015. *(competitive review)*
Abstract published in: *Journal of Orthopaedic & Sports Physical Therapy*. 45:A49; 2015
*Graduate student project

The Enthesal Attachment of the Iliofemoral Ligament. Martin HD, Palmer IJ, Clemente FR, **Martin RL**.
American Physical Therapy Association Combined Sections Meeting. Las Vegas, CA; February 2014. *(competitive review)*

Comparison of Hop Test Performance of Dancers with and without femoroacetabular impingement. **Kivlan BR**, Martin RL, Carcia CR, Christoforetti JJ.
American Physical Therapy Association Combined Sections Meeting. Las Vegas, CA; February 2014. *(competitive review)*
Abstract published in: *Journal of Orthopaedic & Sports Physical Therapy*. 44:A34; 2014

Running Injuries: Pathomechanics, Injury Patterns, Evaluation Considerations, and Intervention Strategies for the Lumbo-Pelvic, Hip, Knee, Foot, and Ankle Regions. **Martin RL**, Keeton B, Jackson R, Malone T, Paulseth S
American Physical Therapy Association Combined Sections Meeting. San Diego, CA; January 2013. *(competitive review)*

Ankle Instability. **Martin RL**
Temple University School of Podiatric Medicine: New Innovations in Foot & Ankle Treatments Seminar. Philadelphia, PA; March 2012. *(invited)*

Heel Pain- Plantar Fasciitis Clinical Practice Guidelines. **Martin RL**

Temple University School of Podiatric Medicine: New Innovations in Foot & Ankle Treatments Seminar. Philadelphia, PA; March 2012. *(invited)*

Use of the ICF to Develop Practice Guidelines for Common Musculoskeletal Conditions: A Progress Update focusing on Ankle and Foot Disorders. Godges J, **Martin RL**, Carcia CR, Matheson JW
American Physical Therapy Association Combined Sections Meeting. Chicago, IL; February 2012. *(competitive review)*

Function and Clinical Relevance of the Ligament Teres. Kivlan B, **Martin RL**, Clemente R, Palmer I, Martin H
American Physical Therapy Association Combined Sections Meeting. Chicago, IL; February 2012. *(competitive review)*
Abstract published in: *Journal of Orthopaedic & Sports Physical Therapy*. 42:A18; 2012.
*Graduate student project

Responsiveness of the Foot and Ankle Ability Measure (FAAM) in Individuals with Diabetes. **Martin RL**, Kivlan BR, Wukich D.
American Physical Therapy Association Combined Sections Meeting. New Orleans, LA; February 2011. *(competitive review)*
Abstract published in: *The Pittsburgh Orthopaedic Journal*. 22:56; 2011.
Journal of Orthopaedic & Sports Physical Therapy. 41:A33-34; 2011.
*Graduate student project

Current Concepts in Differential Diagnosis, Classification-Based Treatment, and Surgical Management of Hip Disorders. **Martin RL**, Enseki, KR, Safran MR
American Physical Therapy Association Combined Sections Meeting. San Diego, CA; February 2010. *(competitive review)*

Examination and Intervention Strategies for Overuse Injuries of the Foot and Ankle. Bailey J, **Martin RL**, Pfeffer G
American Physical Therapy Association Combined Sections Meeting. San Diego, CA; February 2010. *(competitive review)*

The Influence of Heel Height on Sagittal Plane Knee Kinematics during Landing in Females. Lindenberg KM, Carcia CR, **Martin RL**, Burrows AM, Phelps AL
American Physical Therapy Association Combined Sections Meeting. San Diego, CA; February 2010. *(competitive review)*
Abstract published in: *Journal of Orthopaedic & Sports Physical Therapy*. 40:A49; 2010.
*Graduate student project

Achilles Tendinopathy: Clinical Practice Guidelines Linked to the International Classification of Functioning, Disability, and Health. **Martin RL**, Carcia CR
American Physical Therapy Association Combined Sections Meeting. San Diego, CA; February 2010. *(competitive review)*
Abstract published in: *Journal of Orthopaedic & Sports Physical Therapy*. 40:A55; 2010.

The Management of Individuals with Complex Traumatic Leg, Ankle, Foot Injuries. **Martin RL**, Pfeffer GB, Paiment G, Paulseth S
American Physical Therapy Association Combined Sections Meeting. Las Vegas, NV; February 2009. *(invited)*

The Foot & Ankle in Performing Artists: From Show Girls in Heels and Skaters in Boots to Barefoot Dancers and Gymnasts- Measuring, Manual Therapy and Rehabilitation, and Footwear Modifications. Bronner S, Greenburgh E, Kleven K, **Martin RL**, Ojofeitimi S, Tonley J
American Physical Therapy Association Combined Sections Meeting. Las Vegas, NV; February 2009. (*invited*)

The Diagnostic Accuracy of a Clinical Examination when Compared to Surgical Findings in Hip Arthroscopy Candidates. **Martin RL**, Safran MR, Kelly BT, Leunig M, Martin HD, Mohtadi NG, Philippon MJ, Sekiya JK
American Physical Therapy Association Combined Sections Meeting. Las Vegas, NV; February 2009. (*competitive review*)
Abstract published in: *Journal of Orthopaedic & Sports Physical Therapy*. 39:A55; 2009.

Evidence of Validity for the Foot and Ankle Ability Measure (FAAM) in Individuals with Diabetes Mellitus. **Martin RL**, Hutt DM, Wukich D
American Physical Therapy Association Combined Sections Meeting. Las Vegas, NV; February 2009. (*competitive review*)
American College of Foot and Ankle Surgeons Annual Scientific Conference. Long Beach, CA; February 2008. (*competitive review*)
Abstract published in: *Journal of Orthopaedic & Sports Physical Therapy*. 39:A23; 2009.
The Pittsburgh Orthopaedic Journal. 19:319; 2008.
*Graduate student project

Diagnostic Accuracy of Symptoms and Exam Findings Compared to Anesthetic Intraarticular Injection in Individuals with Acetabular Labral Tears. **Martin RL**, Sekiya JK
American Physical Therapy Association Combined Sections Meeting. Nashville, TN; February 2008. (*competitive review*)
Abstract published in: *Journal of Orthopaedic & Sports Physical Therapy*. 38:A17; 2008.

Evaluation, Rehabilitation and Medical Management of the Hip Joint through the Lifespan of the Performing Artist - An Evolving Art. d'Hemecourt P, Cassella M, Enseki KR, Manal TJ, **Martin RL**, Southwick HL
American Physical Therapy Association Combined Sections Meeting. Boston, MA; February 2007. (*invited*)

A Comprehensive Update on Ankle Instability. Burns J, **Martin RL**, Paulseth S, Reischl SF, Ridge TM, Wukich D
American Physical Therapy Association Combined Sections Meeting. Boston, MA; February 2007. (*invited*)

Evidence of Reliability and Responsiveness for the Hip Outcome Score (HOS). **Martin RL**, Philippon MJ, Briggs, K
American Physical Therapy Association Combined Sections Meeting. Boston, MA; February 2007. (*competitive review*)
Abstract published in: *Journal of Orthopaedic & Sports Physical Therapy*. 37:A19; 2007.

Evidence of Validity for the Hip Outcome Score (HOS) in Hip Arthroscopy. **Martin RL**, Philippon MJ
American Physical Therapy Association Combined Sections Meeting. Boston, MA; February 2007. (*competitive review*)

Abstract published in: *Journal of Orthopaedic & Sports Physical Therapy*. 37:A19; 2007.

Evidence of Validity for the Foot and Ankle Ability Measure (FAAM) in Individuals with Chronic Ankle Instability. Carcia CR, Drouin JM, **Martin RL**, Speigle J

American Physical Therapy Association Combined Sections Meeting. Boston, MA; February 2007. (*competitive review*)

Abstract published in: *Journal of Orthopaedic & Sports Physical Therapy*. 37:A1-15; 2007.

Evidence of Validity for the Hip Outcome Score(HOS) Based on Differential Item Functioning. **Martin RL**, Irrgang JJ, Philippon MJ

American Physical Therapy Association Combined Sections Meeting. San Diego, CA; February 2006. (*competitive review*)

Abstract published in: *Journal of Orthopaedic & Sports Physical Therapy*. 36:A6-7; 2006.

A 3-year Outcome Study of Hip Arthroscopy. **Martin RL**, Schenker ML, Philippon MJ

American Physical Therapy Association Combined Sections Meeting. San Diego, CA; February 2006. (*competitive review*)

Abstract published in: *Journal of Orthopaedic & Sports Physical Therapy*. 36:A6; 2006.

Conservative & Surgical Management of the Arthritic Ankle. Conti SF, **Martin RL**, Reischl SF

American Physical Therapy Association Combined Sections Meeting. San Diego, CA; February 2006. (*invited*)

Conservative Treatment of Hip Disorders Using a Classification System. Enseki KR, Erhard R, **Martin RL**

American Physical Therapy Association Combined Sections Meeting. New Orleans, LA; February 2005. (*invited*)

Reliability, Responsiveness and Validity Testing of the Foot and Ankle Ability Measure (FAAM). **Martin RL**, Irrgang JJ, Burdett RG, Conti SF, VanSwearingen JM

American Orthopaedic Foot and Ankle Society Summer Meeting. Seattle, WA; July 2004. (*competitive review*)

Also presented at:

American Physical Therapy Association Combined Sections Meeting. Memphis, TN; February 2004. (*competitive review*)

Abstract published in: *Journal of Orthopaedic & Sports Physical Therapy*. 34:A20; 2004.

In Vivo Determination of the Depuy Agility Ankle During Stance-phase of Gait. Conti SF, Komistek RD, Bustillo J, **Martin RL**

American Orthopaedic Foot and Ankle Society Summer Meeting. Seattle, WA; July 2004. (*competitive review*)

The Adolescent Foot and Ankle: Developmental and Biomechanical Implications on Pathology and Treatment. **Martin RL**

American Physical Therapy Association Combined Sections Meeting. Memphis, TN; February 2004. (*invited*)

A Literature Synthesis Regarding Foot and Ankle Goniometric Measurements. **Martin RL**, Fritz JM, Namey T

American Physical Therapy Association Combined Sections Meeting. Tampa, FL; February 2003. (*competitive review*)

Abstract published in: *Journal of Orthopaedic & Sports Physical Therapy*. 33:A14-15; 2003.

Development of the Foot and Ankle Ability Measure (FAAM): Item Reduction Based on Factor Analysis and Item Response Theory. **Martin RL**, Irrgang JJ, Burdett R
American Physical Therapy Association Combined Sections Meeting. San Antonio, TX; February 2001. (*competitive review*)

Abstract published in: *Journal of Orthopaedic & Sports Physical Therapy*. 31:A3; 2001.

Weight-Bearing at One Year After Ankle Replacement. **Martin RL**, Arnold K, Conti SF, Miller MC
Annual Conference and Exposition of the American Physical Therapy Association. Indianapolis, IN; June 2000. (*competitive review*)

Development of the Foot and Ankle Disability Index (FADI). **Martin RL**, Irrgang JJ, Burdett R
American Physical Therapy Association Combined Sections Meeting. Seattle, WA; February 1999. (*competitive review*)

Abstract published in: *Journal of Orthopaedic & Sports Physical Therapy*. 29:A32-33; 1999.

Conservative Management of Ankle Arthritis. **Martin RL**, Tomaro J
American Physical Therapy Association Combined Sections Meeting. Seattle, WA; February 1999. (*invited*)

Total Ankle Arthroplasty: A Historical Review, Suggested Rehabilitation Program and Case Study.
Martin RL, Conti SF

American Physical Therapy Association Combined Sections Meeting. Boston, MA; February 1998. (*competitive review*)

An Outcome Study of Subjects with Plantar Fasciitis. **Martin RL**, Conti SF, Irrgang JJ
American Physical Therapy Association Combined Sections Meeting. Boston, MA; February 1998. (*competitive review*)

Comparisons in Plantar Pressure Reduction Between Total Contact Casts, Conventional Casts and Uncasted Foot. Conti SF, **Martin RL**, Chaytor ER, Hughes C, Luttrell L
Orthopaedic Rehabilitation Association's 5th Annual Meeting. Philadelphia, P; May 1994.
(*competitive review*)

F. Honors and Awards Related to Scholarship

The Physiotherapy Research Award for Excellence in Clinical Research. ISHA- Hip Preservation Society: 2019

Orthopaedic Section Research Poster Nomination for Combined Sections: 2017
**Graduate student project*

APTA Orthopaedic Section- Richard W. Bowling – Richard E. Erhard Orthopaedic Clinical Practice Award: 2015

Orthopaedic Section Research Poster Nomination for Combined Sections: 2012
**Graduate student project*

JOSPT George J. Davies - James A. Gould Excellence in Clinical Inquiry Award: 2011

Dean's Award for Faculty Excellence in Research; Duquesne University, Rangos School of Health Sciences: 2006

G. Works in Progress

1. Submitted Manuscripts Awaiting Decisions

Preoperative and One Year Patient Reported Outcome Measures are Predictive of Change in Patient Status Between One and Two-Years Following Hip Arthroscopy

Hip-spine extension syndrome: osseous parameters in non-arthritic hips of patients with low-back pain and limitation in hip extension.

OKU Ankle Sprain book chapter

Posterior hip Study course

Anatomy- hip spine paper

Greater trochanteric-ischial impingement: a case-control study on the MRI diagnostic parameters: JHPS

Variation in ischiofemoral space due to patient positioning during MRI acquisition: a cause of ischiofemoral impingement misdiagnosis: Arthroscopy

Comparing Dorsiflexion Range of Motion and Foot Posture between Individuals that Pass and Fail the Single Leg Squat Test: IJSPT

The Effectiveness of Low Intensity Exercise and Blood Flow Restriction on Exercise Induced Muscle Damage: A Systematic Review: Physical Therapy in Sports

Iliopsoas the hidden muscle: anatomy, diagnosis and treatment: Current Medicine Reports

The Influence of Physical Therapy Characteristics and Patient's Attitude toward Rehabilitation on Hip Arthroscopy Outcomes: KSSTA

Patient-Reported Outcome Measures and Clinically Important Outcome Values in Hip Arthroscopy: A Systematic Review: JBJS Reviews

ISHA Physiotherapy Consensus Statement on FAI: JHPS

Arthroscopic Management of the Crossover Sign As a Function of Acetabular Coverage: Does Dysplasia Change Things? KSSTA

The Reliability of Arthroscopic Classification of Intra-Articular Hip Pathology: A Multicenter Investigation: Arthroscopy

Iliopsoas Involvement in Hips Undergoing Arthroscopy for Femoroacetabular Impingement: Successful Outcomes Despite Infrequent Tenotomy: AJSM

Achievement of Meaningful Clinical Outcomes is Unaffected by Capsulotomy Type During Arthroscopic Treatment of Femoroacetabular Impingement Syndrome From Multicenter Arthroscopic Study of the Hip (MASH) Study Group: AJSM-online

2. **Research Agenda:** To examine and perform outcome related research related to musculoskeletal disorders of the lower extremity, including the hip, foot and ankle regions. Labral tears and hip arthroscopy are areas of research emphasis. This agenda includes developing and providing evidence of validity for three self-reported evaluative outcome instruments: the Foot and Ankle Ability Measure (FAAM), and International Hip Outcome Tool (IHOT) Hip Outcome Score (HOS). It also includes reviewing and determining the reliability and validity of clinical examination techniques.

3. Ongoing Projects

Multi-Center Arthroscopy of the Hip Outcomes Research Network (MAHORN)

Goals: The goal of this project is to initiate and complete international multi-center research projects related to evaluating, managing, and assessing treatment outcomes for individuals with musculoskeletal hip pain. This group is comprised of 14 orthopaedic surgeons from 3 different countries who have pioneered techniques in hip arthroscopy. I was asked to be a member of this elite group and represent perspectives from the physical therapy profession.

Work Completed Toward Goals: We are currently standardizing clinical and surgical evaluation methods as well as outcome assessment tools.

Anticipated Duration of Research Study: Ongoing

International Classification of Functioning and Disability (ICF) Project

Goals: The American Physical Therapy Orthopaedic Section ICF project is using the International Classification of Functioning and Disability (ICF) to develop evidence-based practice guidelines that will enhance diagnosis, intervention, prognosis, and assessment of outcomes for a variety of musculoskeletal conditions commonly managed by physical therapists. It is believed that these guidelines will advance orthopaedic physical therapist practice, guide professional and post-professional education, and help establish an agenda for future clinical research.

Work Completed Toward Goals: The Orthopaedic Section chose me to be the Foot and Ankle ICF Team Leader. As the Team Leader my role is to oversee a group that will develop these guidelines. The Plantar Fascia, Plantar Fascia Revision, Achilles Tendinopathy, and Ankle Sprain Guidelines have been completed. Work on the Guideline for the Achilles Tendinopathy revision is currently underway.

Anticipated Duration of Research Study: Ongoing

IV. Service

A. University, School or Department Service

1. University

University President's Award Committee
December 2008-present
Role: Committee member

International Program
December 2011-present
Role: Committee member

Bio-Engineering Committee
August 2012- December 2012
Role: Committee member

University Advisory Council, Duquesne University
August 2005-August 2009
Role: Committee member

2. School

International Graduate Program Development, John G. Rangos, Sr. School of Health Sciences
December 2013-present
Role: Committee member

Promotion and Tenure Committee
October 2009-present
Role: Chair

Graduate Program Development, John G. Rangos, Sr. School of Health Sciences
February 2009-present
Role: Committee member

Rangos Annual Review Form Committee, John G. Rangos, Sr. School of Health Sciences
January 2007-present
Role: Committee member

Outstanding Student Awards Committee, John G. Rangos, Sr. School of Health Sciences
March 2006-present
Role: Committee member

Dean's Evaluation Committee, John G. Rangos, Sr. School of Health Sciences
April 2011-March 2012
September 2008-March 2009
Role: Committee member

Dean's Award for Faculty Excellence Selection Committee, John G. Rangos, Sr. School of Health Sciences
January 2007, February 2009, February 2011
Role: Committee member

Practice Plan Committee, John G. Rangos, Sr. School of Health Sciences
November 2003-January 2006
Role: Committee member

3. Department

Faculty Search Committee, Department of Physical Therapy
August 2018- January 2019
Role: Committee member

Matriculation Examination Committee
January 2014-2017
Role: Committee member

Continuing Education Committee, Department of Physical Therapy

April 2005-present
Role: Chairperson

Chair's Evaluation Committee, Department of Physical Therapy
October 2015-November 2015
Role: Committee member

Faculty Search Committee, Department of Physical Therapy
April 2013-May 2014
Role: Committee member

Physical Therapy Curriculum Committee, Department of Physical Therapy
August 2012-2017
January 2007- January 2010
Role: Committee member

Faculty Search Committee, Department of Physical Therapy
June 2011-November 2011
Role: Chairperson

Alumni Survey Committee, Department of Physical Therapy
August 2010-April 2011
Role: Committee member

Faculty Search Committee, Department of Physical Therapy
December 2009- May 2010
Role: Chairperson

Faculty Search Committee, Department of Physical Therapy
February 2004- July 2004
Role: Committee member

B. Professional

Editor for Clinical Practice Guidelines- Orthopaedic Section
April 2018-present

International Society of Hip Arthroscopy Research Committee
January 2015- present
Role: Member

International Editorial Review Board (IERB) for the *Journal of Orthopaedic & Sports Physical Therapy*
October 2015-present

International Society of Hip Arthroscopy Annual Meeting Program Planning Committee
October 2013- present

Research Intensive Physical Therapy Program Consortium (RIPP) of the Academic Council
February 2013-2017
Role: Member

Non Arthritic Hip Pathology: American Physical Therapy Orthopaedic Section International
Classification of Functioning and Disability (ICF) Project
February 2013
Role: Subject Matter Content Expert

American Physical Therapy Association Orthopaedic Section: Nominating Committee
December 2012- 2016
Role: Member

Foot and Ankle Special Interest Group: Curriculum Content Task Force
June 2012-2016
Role: Member

Foot and Ankle Pathology: American Physical Therapy Orthopaedic Section International
Classification of Functioning and Disability (ICF) Project
August 2007-present
Role: Team Leader

American Orthopaedic Society for Sports Medicine Clinical Outcome Measures Task Force
December 2008-present
Role: Member

American Physical Therapy Orthopaedic Section Independent Study Course: Foot and Ankle
January 2010- 2015
Role: Subject Matter Content Expert

International Society for Hip Arthroscopy: Scientific Meeting Abstract Reviewer
June 2011-present

American Physical Therapy Orthopaedic Section Independent Study Course Advisory Panel
April 2009-present
Role: Member

Scientific Programming Abstract Reviewer for Orthopaedic Section of the American Physical
Therapy Association Combined Sections Meeting
June 2004- present

Multi-Center Arthroscopy of the Hip Outcomes Research Network (MAHORN)
December 2006- present
Role: Member
American Physical Therapy Association Foot and Ankle Special Interest Group
January 2006-February 2011
Role: Vice President

American Physical Therapy Association Hooked on Evidence Foot and Ankle Task Force
December 2010
Role: Member

American College of Occupational and Environmental Medicine Evidence-Based Practice
Committee: Foot and Ankle Work Group Member
April 2009-December 2010
Role: Member

American Physical Therapy Association Orthopaedic Section Clinical Research Agenda Task Force.

April 2008-February 2009

Role: Member

Grant Reviewer for National Institutes of Health (NIH): Support of Competitive Research Grants Teleconference

October 2007

Grant Reviewer for the Orthopaedic Section of the American Physical Therapy Association

December 2006-February 2010

Continuing Education Proposal Reviewer Orthopaedic Section of the American Physical Therapy Association Combined Sections Meeting

February 2008-January 2009

Manuscript reviewer for:

Journal of Hip Preservation, October 2014-present

Review 4-6 manuscripts per year

Journal of Orthopaedic and Sports Physical Therapy, May 2012-present

Review 4-6 manuscripts per year

American Journal of Sports Medicine, May 2011-present

Hospital Practice, January 2011

The Physician and Sportsmedicine, 2010

The Journal of Foot and Ankle Research, 2010-2014

Journal of Sport Rehabilitation, 2009-2014

Journal Athletic Training, 2008

BioMed Central Musculoskeletal Disorders, 2006

Journal of Epidemiology, April 2006

Arthritis Care & Research, December 2004

C. Community Service

Penn-Trafford Lacrosse Association

September 2011-present

Role: Co-Director of Operations

Western Pennsylvania Youth Lacrosse Association

December 2011-December 2012

Role: Board of Directors

Southwest Greensburg Adaptive Baseball

May-July 2011

May-July 2012

Role: Volunteer

Westmoreland Lacrosse Association

January 2011-September 2011

Role: Program Developer

Pitcairn Jr Mohawks Football Association

November 2006- December 2010
Role: Committee Member

Western Pennsylvania School for the Deaf: Annual Fundraising Auction
March 2005-February 2006
Role: Committee Member

Hillcrest Presbyterian Church: Annual Fundraising Dinner
January 2005-April 2005
Role: Committee Member

Pastoral Nominating Committee at Hillcrest Presbyterian Church
July 2003- September 2003
Role: Committee Member