

CURRICULUM VITAE

Laura Smith, PT, PhD, DPT, OCS, MTC, FAAOMPT

Education:

Walden University	Minneapolis, MN
Doctor of Philosophy	2015
Education with Leadership Specialization	
University of St. Augustine for Health Sciences	St. Augustine, FL
Doctor of Physical Therapy	2001-2003
Trinity Christian College	Palos Heights, IL
Bachelor of Arts	1997– 2000

Licensure Information/Registration Number:

Michigan License # 5501016419

Fellowships/Certifications:

Orthopedic Certified Specialist (OCS) – American Physical Therapy Association
2014 – Present

Fellow - Orthopedic Manual Physical Therapy Fellowship (FAAOMPT)
American Academy of Orthopaedic Manual Physical Therapists
2006 – Present

Manual Therapy Certification (MTC) - University of St. Augustine
2004 – Present

Employment and Faculty Appointments:

Assistant Professor & Coordinator of the Post Professional Orthopedic Certificate
and Residency Program University of Michigan Flint Flint, MI
August 1, 2013 – Present

Assistant Professor/Musculoskeletal Coordinator
University of St. Augustine for Health Sciences San Diego, CA
Department of Physical Therapy
2007 – 2012

Physical Therapist - Rady Children's Hospital/360 Sports Medicine
2008 – 2013 San Diego, CA

Physical Therapist - Rancho Physical Therapy
2008 – 2010 Temecula, CA

Senior Physical Therapist - OccuSport Physical Therapy
February 2007 – November 2007 Oak Lawn, IL

Physical Therapist - Northern Rehab Physical Therapy Specialists
May 2003 – February 2007 DeKalb, IL

Instructor – Department of Physical Therapy
Northern Illinois University DeKalb, IL
2004-2006

Peer Reviewed Professional Presentations:

Smith, L. Self-efficacy, Cultural Competence and Perception of Learning Environment in Traditional and Interprofessional Curricula. Platform Presentation at Midwest Interprofessional Practice, Education and Research Center (MIPERC) – Grand Rapids, MI. September 2015.

Smith, L. The future of health and rehabilitation: Interprofessional Education & Collaborative Practice. Plenary Speaker at OMICS International Conference on Physiotherapies – Skokie, IL. August 2015.

Thieme, J., Colegrove, C., Smith, L., Ruediger, T. Comparing the Y-Balance Test to a Novel Modification of the Star Excursion Balance Test. Poster Presentation at APTA Combined Sections Meeting – Indianapolis, IN. February 2015.

Lwin, J. & **Smith, L.** Short and Long-Term Effects of a Multi-Faceted Treatment Approach in Restoring 1st MTP Joint Mobility in a Female Runner Ten Years Post Medial Bunionectomy: A Case Report. Poster Presentation. AAOMPT – Cincinnati, OH. October 2013

Smith, L., Molina, P., Freeman, E., Lwin, J. & Thomson, M. Pedagogical Effectiveness: A Comparison of Orthopaedic Manual Physical Therapy Instructional Methods in an Entry-level DPT Program – The Student's Perspective. Poster Presentation at APTA Combined Sections Meeting – San Diego, CA. January 2013

Pratt, L. & **Smith, L.** Treatment for an Acute Incidence of Recurrent Low Back Pain Using a Local and Regional Interdependence Model: A Case Report. Poster Presentation at APTA Combined Sections Meeting – San Diego, CA. January 2013.

Lwin, J. & **Smith, L.** Effects of a Multi-faceted Treatment Approach in Restoring 1st MTP Joint Mobility in a Female Runner Ten Years Post Medial Bunionectomy: A case report. Poster Presentation at APTA Combined Sections Meeting – San Diego, CA. January 2013.

Freeman, E. & **Smith, L.** An Evidence Based Approach: Differential Diagnosis of Thoracic Compression Fracture with Flank Pain in a patient who did not fit the Treatment Based Classification (TBC) Algorithm for Low Back Pain. Poster Presentation - IFOMPT, the World Congress of Manual/Musculoskeletal Physiotherapy. October 2, 2012.

Smith, L., Molina, P., Freeman, E., Lwin, J. & Thomson, M. Pedagogical Effectiveness: A Comparison of Orthopaedic Manual Physical Therapy Instructional Methods in an Entry-level DPT Program – The Student's Perspective. Poster Presentation - IFOMPT, the World Congress of Manual/Musculoskeletal Physiotherapy. October 2, 2012.

Freeman, E. & **Smith , L.** Carpal Tunnel Syndrome or Cervical Radiculopathy? The Use of Spinal Manipulation and Neural Mobilization for Treatment of Music Conductor with Diagnosis of CTS: A Case Report. Poster Presentation - IFOMPT, the World Congress of Manual/Musculoskeletal Physiotherapy. October 1, 2012.

Smith , L. & van den Heever, N. Interdisciplinary Approach to Joint Replacement Surgery. *Invited Presentation* – Orthopaedic Physician Assistant Conference. San Diego, CA. August 3, 2012.

Freeman, E. & **Smith , L.** SIJ as it Relates to Low Back Pain – An Evidence Based Approach. *Invited Post-Conference Course Presentation* at CPTA Annual Meeting. Santa Clara, CA. September 30, 2012.

Lwin, J. & **Smith , L.** Effects of a Multifaceted Treatment Approach in Restoring 1st MTP Mobility in a Female Runner Ten Years Post Medial Bunionectomy: A Case Report. CPTA Annual Conference. Santa Clara, CA. September 29, 2012.

Smith , K., Burke-Doe, A., Laslovich, J., & **Smith , L.** Prevalence of Vestibular Hypofunction and Associated Risk Factors for Falls in Community Dwelling Elders. Poster Presentation at APTA Combined Sections Meeting – Chicago, IL. February 2012.

Patla, C., Lwin, J., & **Smith , L.** Cuboid Internal Rotation Hypomobility as Primary Causative Factor for Chronic Posterior Tibialis Tendonosis: A Case Report. Poster Presentation at APTA Combined Sections Meeting 2012 – Chicago, IL and Poster Presentation at AAOMPT Conference – Anaheim, CA. October 2011.

Patla, C., Lwin, J., & **Smith , L.** Use of an Ilium Belt to Treat Ilioinguinal Nerve Irritation and Transverse Abdominus Weakness Associated with Psoas and Iliacus Pain in a Female Triathlete: A Case Report. Poster Presentation at APTA Combined Sections Meeting 2012– Chicago, IL and Poster Presentation at AAOMPT Conference – Anaheim, CA. October 2011.

Marchitello, J. & **Smith , L.** The use of Joint Manipulation, Soleus Eccentric Exercises, and Pilates for Treatment of Ballet Dancer with Flexor Hallucis Longus Tendonopathy: A Case Report. Poster Presentation at AAOMPT Conference – Anaheim, CA. October 2011.

Burke-Doe A., **Smith , L.**, Smith K., Laslovich J. Determination of Fall, Fracture and Osteoporosis Risk in Community Dwelling Seniors by Physical Therapist. Poster Presentation at International Osteoporosis Foundation, Florence Italy. May 2010.

Burke-Doe, A., & **Smith , L.** Understanding Response to Medication: Discussion of a Case Involving an Adolescent with Severe Elbow Myalgia and Weakness after the Onset of Oral Isotretinoin Treatment for Acne. Platform Presentation at APTA Combined Sections Meeting - San Diego, CA. February 2010.

Smith , L. Case Presentations for the clinician. Invited presentation. CPTA San Diego Chapter Meeting. January 21, 2009.

Smith , L. Manual Physical Therapy: Evidence, Exercise, Education Rady Children's Hospital Professional Education Speaker. Invited presentation. April 2009.

Smith , L. Long Term Effects of Joint and Soft Tissue Mobilization in a Collegiate Basketball Player with Recurrent Fracture of the 5th Metatarsal – A Case Report. Poster Presentation at CPTA Annual Conference - Oakland, CA September 2008 and Poster Presentation at AAOMPT Conference – Seattle, WA. October 2008.

Peer Reviewed Manuscripts:

Patla C, Lwin J, **Smith L**, Chaconas E. Cuboid Manipulation and Exercise in the Management of Posterior Tibialis Tendinopathy: A Case Report. *IJSPT*, June 2015, 10(3), 363-370

Dissertation:

Smith, L. Self-Efficacy, Cultural Competence, and Perception of Learning Environment in Traditional and Interprofessional Education Physical Therapy Curricula. 2015.

Funded Grant Activity:

“Performance Measures in High School Players” Dates: 2014-2015. Amount Funded: \$9784.21. Source: Physical Therapy Department at the University of Michigan Flint.

“Prevalence, Frequency, and Severity of Traumatic Breast Injuries in Collegiate Female Athletes.” Dates: 2014-2015. Amount Funded: \$5930.38. Source: Physical Therapy Department at the University of Michigan Flint.

“An interdisciplinary approach to understanding patient chronic disease management in underserved populations- a mixed methods pilot study to reduce chronic disease burden among Hamilton Health Center patients in Flint, Michigan.” Dates: 2014-2016. Amount funded: \$20,000. Source: SHPS at the University of Michigan Flint.

“California Bones of Steel: Fall, Fracture and Osteoporosis Risk Factor and Activity Level Assessment” (IRB #: UR 0309-112) Nature of Project: Assess risk factors for falls relative to physical activity and fitness levels over a two years period. Dates: 2009-2011. Amount funded: \$5000. Source: University of St. Augustine

Membership & Service in Scientific/Professional Organizations:

- American Physical Therapy Association
 - Member: 6/2003 – Present
 - Education Section, Faculty SIG: Nominating Committee 6/2010 – 2013
- Michigan Physical Therapy Association
 - Member: 2013-Present
- California Physical Therapy Association
 - Member: 12/2006 – Present
 - Chapter: Referral for Profit Committee 2009 – 2013
 - District: Nominating Committee 2010 – 2013
- American Academy of Orthopedic Manual Therapists – Fellow
 - Member: 6/2003 – Present

Service to the University on Committees:

University of Michigan

- Michigan Center for Interprofessional Education Executive Committee: member 2015 – present
- Michigan Center for Interprofessional Education Curriculum Work Group: member 2015- present

University of Michigan-Flint

- Post Professional Admissions & Recruitment Committee: member 2013 – present
- Post Professional Academic Standards Committee: member 2013-present
- PhD Advisory Committee: member 2013 – present
- SHPS Interprofessional Education Task Force: co-leader Jan. 2014 – present

University of St. Augustine for Health Sciences

- Musculoskeletal Coordinator San Diego Campus, 2012
- Fellowship Mentor and Coordinator San Diego Campus, 2010 –2012
- Professional Misconduct Committee, Chair 2008 – 2012
- Musculoskeletal Faculty Search Committee, Chair 2008 – 2012
- Association of Student Physical Therapists: Faculty Liaison 2007 – 2012
- Academic Appeals Committee, member 2008-2009
- Equipment Committee, Chair 2012

Current Teaching Responsibilities in the Professional DPT Program at UM-Flint:

- PTP 565: Fundamentals of Tests and Measures
- PTP 664: Introduction to Patient Management
- PTP 621: Musculoskeletal Diseases & Disorders

Current Teaching Responsibilities in the Post Professional DPT Program at UM-Flint:

- PTP 674: Advances in Histology, Anatomy, and Kinesiology in Musculoskeletal Diseases & Disorders
- PTP 801: Advanced Orthopedic Practicum
- PTP 776: Health Policy
- PTP 581: Teaching & Learning

Teaching Responsibilities in Entry-Level Program at University of St. Augustine

Musculoskeletal I: Introduction to Clinical Orthopaedics

Musculoskeletal III: Extremity Examination, Evaluation & Intervention

Musculoskeletal IV: Advanced Spinal Examination, Evaluation & Treatment

Critical Thinking II, Manual Therapy Exit Exam Coordinator

Seminar/Continuing Education Teaching

Advanced Evaluation & Manipulation of the CranioFacial, Cervical and Upper Thoracic Spine (S3) - San Diego, CA

Instructors: Stanley Paris, PT, PhD & Laura Smith, PT, DPT, MTC, FAAOMPT

October 19-22, 2011	San Diego, CA	University of St. Augustine
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March 8-11, 2012	St. Augustine, FL	University of St. Augustine
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March 17-21, 2012	San Diego, CA	University of St. Augustine
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November 1-4, 2012	San Diego, CA	University of St. Augustine
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Freeman, E. & **Smith, L.** Examination, Evaluation and Treatment of Musculoskeletal Lumbopelvic Disorders - An Evidenced-Based Approach.

CPTA Approved Course: 2 CEUs.

December 18-19, 2011	Sonora, CA	Sonora Regional Medical Center
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January 21-22, 2012	Fresno, CA	McGuire Physical Therapy
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Recent Continuing Education Attended:

Functional Movement Systems Certification, Level 1 - April 2015

Myers Briggs Certification: Certified Practitioner - June 2015

APTA Credentialed Clinical Instructor Course – 2014

Orthopedic Certified Specialist Coursework – 2014

University of Michigan Flint Faculty Mentoring Program – 2013/14

Thompson Center for Teaching & Learning Workshops – 2013/14

APTA Combined Sections Meeting – 2013

AAOMPT Annual Conference – 2013