CURRICULUM VITAE
SYLVIA L. CZUPPON, PT, DPT, OCS

PRESENT POSITION: Associate Professor, Physical Therapy and Orthopaedic Surgery
Washington University School of Medicine, St. Louis, Missouri

EDUCATION:

Degree	Institution	Field	Date
BA	**Washington University** St. Louis, MO	Psychology	2000
MS	**Washington University** St. Louis, MO	Physical Therapy	2002
DPT	**Washington University** St. Louis, MO	Physical Therapy	2011

ACADEMIC POSITIONS / EMPLOYMENT:

Position	Institution/Facility	Date(s)
Physical Therapist	**The Rehabilitation Institute of St. Louis & Milliken Hand Rehabilitation Center** St. Louis, MO	1/03 - 12/05
Laboratory Assistant	**Washington University School of Medicine** Program in Physical Therapy St. Louis, MO	2004 - 2006
Physical Therapist	**Rehabilitation Professionals, Inc.** St. Louis, MO	12/05 - 3/06
Physical Therapist	**The Rehabilitation Institute of St. Louis & Milliken Hand Rehabilitation Center** St. Louis, MO	3/06 - 11/06
Instructor	**Washington University School of Medicine** Program in Physical Therapy St. Louis, MO	2006 - 2011
Assistant Professor	**Washington University School of Medicine** Program in Physical Therapy St. Louis, MO	2011 - 2016
Associate Professor	**Washington University School of Medicine** Program in Physical Therapy St. Louis, MO	2016 - present

UNIVERSITY APPOINTMENTS AND COMMITTEES:

Program in Physical Therapy

Committee on Academic Evaluation of Students (CAES) - Member	2003 - 2014
Program Innovation Council	2011
Admissions Committee – Professional Curriculum	2011 - present

MEDICAL LICENSURE AND BOARD CERTIFICATION:

Missouri State Board of Registration for the Healing Arts 2003 - present
License number: 2003005730

American Board of Physical Therapy Specialists
Board Certification, Orthopaedics 2010 – present

EDITORIAL RESPONSIBILITIES:

PM&R
Manuscript Reviewer 2012 - present
British Journal of Sports Medicine
Manuscript Reviewer 2014 – present
Associate Editor 2015 – 2017
Senior Associate Editor 2018 – present
Physiotherapy Theory and Practice
Manuscript Reviewer 2014
International Journal of Sports Physical Therapy
Manuscript Reviewer 2015 – present
American Journal of Sports Medicine
Manuscript Reviewer 2017 – present

PROFESSIONAL SOCIETIES AND ORGANIZATIONS:

American Physical Therapy Association
Member 2006 - present

Section Membership
Academy of Orthopaedic Physical Therapy
Member 2010 - present

American Academy of Sports Physical Therapy
Member 2014 - present
Website Committee 2015 - 2017
Social Media / Public Relations Committee 2017 - present

Missouri Physical Therapy Association
Member 2006 - present
Social Media Chair 2015 - 2018

American Academy of Orthopaedic Manual Physical Therapists
Member 2013 - present

INVITED PRESENTATIONS AND SEMINARS:

"Peri-operative Care of the TKR Patient"
Innovations in Hip and Knee Conference,
Washington University Department of Orthopaedics
St. Louis, MO

November 2012

"Movement Pattern Training and Return to Sport for Individuals with Hip Pain"
Combined Sections Meeting, American Physical Therapy Association
Indianapolis, IN
February 2015

"Movement Pattern Training and Return to Sport for Individuals with Hip Pain"
MPTA Spring Conference, Missouri Physical Therapy Association
St. Louis, MO
April 2015

"Movement System Impairment Syndromes: Case Application to Anterior Cruciate Ligament Reconstruction and Return to Sport"
Advanced Application of the Examination, Diagnosis and Treatment of Movement System Impairment Syndromes of the Lower Quarter
Washington University Program in Physical Therapy
St. Louis, MO
October 2015

"Diagnosis & Treatment of Cervical and Shoulder Dysfunction: Movement System Impairment Syndromes (MSI)"
WPTA Spring Conference, Wisconsin Physical Therapy Association
Madison, WI
April 2016

"Diagnosis & Treatment of Hip and Knee Dysfunction: Movement System Impairment Syndromes (MSI)"
INPTA Spring Conference, Indiana Physical Therapy Association
Indianapolis, IN
November 2016

"Movement System Impairment Syndromes of the Knee"
Movement System Impairment Syndromes of the Low Back, Hip and Knee: Fundamental Concepts and Application
Washington University Program in Physical Therapy
St. Louis, MO
January 2017

"Diagnosis & Treatment of Cervical and Shoulder Dysfunction: Movement System Impairment Syndromes (MSI)"
WPTA Spring Conference, Wisconsin Physical Therapy Association
Green Bay, WI
April 2017

"Movement System Impairment Syndromes of the Knee"

Advanced Movement System Impairment Syndromes Course (Lower Quarter)
Washington University Program in Physical Therapy
St. Louis, MO
October 2017

"Management of the ACL-Injured Athlete"
JetSet Rehab Education
Las Vegas, Nevada
September 2018

"ACL Rehabilitation Update"
Performance in Motion
Chicago, IL
November 2018

RESEARCH SUPPORT

Rehabilitation Factors in Pre-Arthritic Hip Disease 2011 - 2013
Role: Treating Therapist, Study Team Member
Source: NIH
PI: Marcie Harris-Hayes, PT, DPT, MSCI

Spinal Control in Low Back Pain 2013 - 2017
Role: Treating Therapist - Strength and Flexibility Condition
Source: NIH
PI: Linda Van Dillen, PT, PhD

CLINICAL TITLES AND RESPONSIBILITIES:
Washington University School of Medicine
Program in Physical Therapy

Current Clinical Responsibilities:

Washington University Physical Therapy Clinics 11/06 - present
Responsibilities: Direct care of patients in the outpatient setting with musculoskeletal and orthopedic conditions. Specialization in knee post-surgical rehabilitation, evaluation and treatment of musculoskeletal knee conditions. Education to patients and families, consultation with physicians providing care. Clinical supervision of physical therapy students during their full-time clinical affiliations.

Current Clinic Administrative Responsibilities:

Electronic Medical Record Administrator 2008 - present
Involved in the Clinic's electronic medical record system development, implementation and management. Involved in transition to new EMR platforms.

Past Clinical and Administrative Responsibilities:

Washington University Physical Therapy Pro Bono Clinics: Co-Coordinator 2007 - 2010
Oversight of physical therapy student leadership regarding patient scheduling and staffing (through 2010). Provision of therapy services during Saturday clinic hours.

The Rehabilitation Institute of St. Louis & Milliken Hand Rehabilitation Center
Department of Outpatient Musculoskeletal Rehabilitation: Clinician 3/06-11/06, 1/03-12/05
Responsibilities: Evaluation and treatment of patients with musculoskeletal pain, chronic pain, hand injuries, and post-surgical patients, as well as individuals with balance disturbances or gait instabilities. Active participation in multidisciplinary pain management conferences.
Department of Inpatient Rehabilitation: Clinician 1/03-6/03
Responsibilities: Care of patients with post-operative orthopaedic conditions, spinal cord injury, amputations, stroke, and traumatic brain injury.
Milliken Hand Rehabilitation Center: Clinician 1/03-6/03
Responsibilities: Direct care for walk-in clinic patients referred from various physicians' offices with primarily upper extremity injuries. Frequent static splint fabrication.

Rehabilitation Professionals, Inc.
Department of Home Health: Clinician 12/05-3/06
Responsibilities: Evaluation and treatment of a variety of clinical diagnoses, patient/caregiver education, assessment for home medical equipment, and discharge planning.

TEACHING TITLE AND RESPONSIBILITIES:
Current Teaching Responsibilities
Professional Clinical Doctorate (DPT) Curriculum (WUSM)
Human Anatomy (PT 611)
Lecturer: 2015 – 2018
Kinesiology II (PT 613)
Laboratory Assistant: 2007 – 2009, 2015 – present
Orthopedic Medicine (PT 623)
Reviewer: 2010 – present
Lecturer: 2014 - 2018
Diagnosis & Management of Musculoskeletal Conditions II (PT 624)
Laboratory Assistant: 2008 – present
Lecturer: 2013 - present
Essential Clinical Skills II (PT 627)
Laboratory Assistant: 2003 - present
Lecturer: 2013 - present
Course Assistant: 2016 – present
Case Integration I (PT 628)
Laboratory Assistant: 2015 – present

Diagnosis & Management of Musculoskeletal Conditions III (PT 638)
Laboratory Assistant: 2008 – present
Lecturer: 2013 – present
Course Assistant: 2017 – present
Diagnosis & Evidence Analysis in PT Practice III (PT 650)
Advisor: 2007 – present
Health Fitness and Prevention (PT 653)
Lecturer: 2015 - present
Case Integration III (PT 654)
Advisor: 2007 – present
Laboratory Assistant: 2014 – present
Lecturer: 2015 – present

Diagnosis and Treatment of Movement System Impairment Syndrome Courses
Introduction to Concepts and Application
Lab Assistant: 2003-2004, 2006, 2008 – 2017
Lecturer: 2017
Advanced Application of the Lower Quarter
Lab Assistant: 2015 – present
Advanced Application of the Upper Quarter
Lab Assistant: 2016 – present

Past Teaching Responsibilities
Professional Clinical Doctorate (DPT) Curriculum (WUSM)
Essential Clinical Skills I (PT 603)
Laboratory Assistant: 2008
Kinesiology II (PT 613)
Laboratory Assistant: 2007 – 2009
Diagnosis & Management of Musculoskeletal Conditions I (PT 614)
Laboratory Assistant: 2003 – 2012
Essential Clinical Skills III (PT 637)
Laboratory Assistant: 2010 – 2013
Case Integration II (PT 642)
Advisor: 2010 – 2014

Post-Professional Clinical Doctorate (ppDPT) Curriculum (WUSM)
Capstone Project (M22 820): 2013
Advisor, Chad Kuehl, PT, MS: "Hip abductor and lateral rotator strength in individuals with patellofemoral pain syndrome"

Department of Internal Medicine (WUSM)
Lecturer, Intern Ambulatory Care Lectures: 2009 – 2011

BIBLIOGRAPHY:
Peer-reviewed Manuscripts:

1. Fleming-McDonnell D, **Czuppon S**, Deusinger SS, Deusinger RH. Physical therapy in the emergency department: development of a novel practice venue. *Phys Ther*. 2010;90(3):420-6.

2. Harris-Hayes M, Willis AW, Klein SE, **Czuppon S**, Crowner BE, Racette BA. Relative mortality in United States Medicare beneficiaries with Parkinson Disease and hip or pelvic fractures. *JBJS.* 2014;96(4):e27 1-7.

3. **Czuppon S**, Racette BA, Klein SE, Harris-Hayes M. Variables associated with return to sport following anterior cruciate ligament reconstruction: a systematic review. *Br J Sports Med.* 2014;48(5):356-64.

4. Harris-Hayes M, **Czuppon S**, Van Dillen LR, Steger-May K, Sahrmann SA, Schootman M, Salsich GB, Clohisy JC, Mueller MJ. Movement pattern training to improve function in people with chronic hip joint pain: a feasibility randomized clinical trial. *J Orthop Sports Phys Ther.* 2016;46(6): 452-61.

5. **Czuppon S,** Prather H, Hunt DM, Steger-May K, Bloom NJ, Clohisy JC, Larsen R, Harris-Hayes M. Gender-dependent differences in hip range of motion and impingement testing in asymptomatic college freshman athletes. *PM R*. 2016;9(7):660-7.

6. Harris-Hayes M, Steger-May K, van Dillen LR, Schootman M, Salsich GB, **Czuppon S**, Clohisy JC, Commean PK, Hillen TJ, Sahrmann SA, Mueller MJ. Reduced hip adduction is associated with improved function after movement-pattern training in young people with chronic hip joint pain. *J Orthop Sports Phys Ther*. 2018;48(4):316-324.

Abstracts:

1. **Czuppon S**, Harris-Hayes M. Physical and psychological outcomes following anterior cruciate ligament reconstruction: a case report comparison. *J Orthop Sports Phys Ther.* 2011:42(1):A33.

2. **Czuppon S,** Racette BA, Klein SE, Harris-Hayes M. Physical and psychological variables associated with return to sport following anterior cruciate ligament reconstruction: a systematic review. *J Orthop Sports Phys Ther.* 2013:43(1):A130.

3. Harris-Hayes, **Czuppon S**, Van Dillen LR, Sahrmann SA, Schootman M, Salsich GB, Clohisy JC, Mueller MJ. Movement Pattern Training for Prearthritic Hip Disease. Poster session presented at: The 8th Annual NIH Pain Consortium Symposium on Advances in Pain Research: Integrated Self-Management Strategies for Chronic Pain; 2013 May 29-30; Bethesda, MD.

4. Harris-Hayes M, **Czuppon S**, Van Dillen LR, Sahrmann SA, Schootman M, Salsich GB, Clohisy JC, Mueller MJ. Movement Pattern Training Improves Function in People with Pre-arthritic Hip Disease: Preliminary Data. *J Orthop and Sports Phys Ther*. 2014:44(1):A75-A158. Available:

http://www.jospt.org/doi/full/10.2519/jospt.2014.44.1.A75#.U-5WdGN5SQc. Accessed 13 July 2014.

5. Harris-Hayes M, **Czuppon S**, Van Dillen LR, Steger-May MA, Sahrmann SA, Schootman M, Salsich GB, Clohisy JC, Mueller MJ. Movement Pattern Training Improves Function in People with Pre-arthritic Hip Disease: a Preliminary Study. *AAHKS Annual Meeting;* 2014 Nov 6-9.

6. **Czuppon S**, Prather H, Hunt DM, Bloom NJ, Clohisy JC, Harris-Hayes M. Are there sex-dependent differences in hip range of motion and impingement testing in asymptomatic college freshman athletes? *J Orthop Sports Phys Ther.* 2015:45(1):A16.

7. Harris-Hayes M, **Czuppon S**, Van Dillen LR, Sahrmann S, Schootman M, Salsich GB. Movement pattern training improves function in people with intra-articular, pre-arthritic hip disease: Preliminary data. *Osteoarthritis and Cartilage*. 2015;23(2):A369.

8. Harris-Hayes M, Salsich GB, Steger-May K, Clohisy JC, Van Dillen LR, Schootman M, **Czuppon S**, Commean K, Hillen TJ, Sahrmann SA, Mueller MJ. Reduced hip adduction is associated with improved function after movement pattern training in people with prearthritic hip disease. *OARSI World Congress on Osteoarthritis*; 2016 Mar 31-Apr 3.

9. Civello JM, Francois SJ, Lanier VM, **Czuppon S**, DeGeeter RM, Wallendorf MR, Van Dillen LR. Factors associated with booster visit prescription in adults with low back pain. *J Orthop Sports Phys Ther*. 2018;48(1):A67-202.

10. Van Dillen LR, Norton BJ, Steger-May K, Lanier VM, Civello JM, DeGeeter RM, **Czuppon S**, Johnson J, Holtzman G, Weaver A, Wallendorf M, Francois S, Roles KM, Bohall S, Lang CE. Effects of skill training versus strength and flexibility exercise on functional limitations and pain in people with chronic low back pain over a 6 month period. *International Society for the Study of the Lumbar Spine*; 2018 May 14-18.

CONTINUING EDUCATION:

"Manual Therapy Interventions for the Spine: A Laboratory Intensive Course." American Physical Therapy Association, San Diego, CA – January 20-21, 2013.

Annual Orthopaedic Section Conference, American Physical Therapy Association, 2013.

"Functional Movement Screen, Level 1 and 2 Certification Course." Brentwood, MO – January 24-26, 2014.

"Who's Ready to Play? A Pre-Participation screen and Return to Play lab course." American Physical Therapy Association, Las Vegas, NV - February 3, 2014.

"Sportsmetrics Certification Course." Cincinnati Sports Medicine. Cincinnati, OH – July 19-20, 2014.

"Addressing the Athlete's Hip: Movement Patterns and Treatment Progression." Hospital for Special Surgery (New York, NY). Live streaming course – September 19, 2015.

"MT-2: Introduction to Manual Therapy for the Cervical Spine and Upper Extremities." The Ola Grimsby Institute, St. Louis, Missouri – January 9-10, 2016.

Annual Conference, American Academy of Orthopedic Manual Physical Therapists, 2014-2016.

Combined Sections Meeting, American Physical Therapy Association, 2009-2015, 2017.

Annual Team Concept Conference, Sports Physical Therapy Association, 2015-2018.

"MT-1: Basic Peripheral." Maitland Australian Physiotherapy Seminars, St. Louis, Missouri – March 3-5, 2017.

Spring Conference, Missouri Physical Therapy Association, April 9, 2017.

"Getting the Most out of Functional Measurement: A Workshop for Implementing AM-PAC and Other Tools to Demonstrate Value." University of Utah Department of Physical Therapy and Athletic Training, Salt Lake City, Utah – February 8-9, 2018.

"16th Annual ACL Workshop at Mayo Clinic Square 2018." Mayo Clinic, Minneapolis, MN. May 24-25, 2018.