CURRICULUM VITAE

CHERYL RENAE SMITH, PT, DPT, OCS

DATE

July 27, 2020

CONTACT INFORMATION

4444 Forest Park Avenue
Campus Box 8502
St. Louis, Missouri 63108-2212
Phone: 314-273-5867
Fax: 314-286-1473
E-mail: crsmith@wustl.edu

PRESENT POSITIONS

Assistant Professor, Physical Therapy and Orthopaedic Surgery
Program in Physical Therapy
Washington University School of Medicine
St. Louis, Missouri

EDUCATION

Degree	Institution	Concentration	Dates Attended
Bachelor of Science (BS)	University of Oklahoma Norman, Oklahoma	Health and Sport Sciences	1992-1997
Master of Physical Therapy (MPT)	University of Oklahoma Health Science Center Tulsa, Oklahoma	Physical Therapy	2001-2004
Clinical Fellowship	Washington University School of Medicine St. Louis, Missouri	Movement System Impairments	2008-2009
Doctor of Physical Therapy (DPT)	Washington University School of Medicine St. Louis, Missouri	Physical Therapy	2008-2010

ACADEMIC POSITIONS/EMPLOYMENT HISTORY

Position	Institution/Facility	Dates
Physical Therapist Outpatient	St. Johns Medical Center	May-Nov 2004
Physical Therapist Travel Outpatient	Reflectx Staffing Lake Mary, Florida	Nov 2004-May 2006 Aug 2009-Dec 2009

Physical Therapist Home Health, Ortho	Green Country Rehabilitation Oklahoma City, Oklahoma	May 2006-Aug 2009
Physical Therapist, Outpatient/Ortho/Acute	Midwest Regional Medical Center Oklahoma City, Oklahoma	May 2006-Aug 2009
Physical Therapist Outpatient	Human Performance Center Oklahoma City, Oklahoma	Sept 2006-July 2009
Clinical Fellow	Washington University School of Medicine St. Louis, Missouri	Aug 2008-July 2009
Physical Therapist Outpatient Orthopedics	Movement Systems Physical Therapy Seattle, Washington	Dec 2009-Dec 2010
Center Manager	SSM Physical Therapy Hazelwood, Missouri	Jan 2011-June 2015
Physical Therapist Outpatient PRN Part-Time	SSM Physical Therapy St. Louis Hills, Missouri	June 2015-Present
Physical Therapist Outpatient PRN	The Rehab Institute of St. Louis St. Louis, Missouri	June 2015-Dec 2018
Level III Clinician Outpatient PRN	Graham Medical Center Florissant, Missouri	June 2015-Dec 2018
Physical Therapist Outpatient PRN	Washington University Physical Therapy	June 2016-Jul 2020
Physical Therapist Clinical Specialist	SSM Physical Therapy St. Louis Hills, Missouri	Dec 2018-July 2020
DPT Adjunct Faculty	South College Tennessee Knoxville, TN	Aug 2018-Sept 2020
Assistant Professor	Washington University School of Medicine Program in Physical Therapy St. Louis, MO	July 2020-Present

Current Clinical Titles and Responsibilities

Washington University School of Medicine
Program in Physical Therapy

Current Clinical Responsibilities:

Washington University Physical Therapy Clinics 2016 - present

Responsibilities: Direct care of patients in the outpatient setting with musculoskeletal and orthopedic conditions. Specialization in hip post-surgical rehabilitation, evaluation and treatment of musculoskeletal hip, shoulder, and spine conditions. Education to patients and families, consultation with physicians providing care. Clinical supervision of physical therapy students during their early and full-time clinical affiliations.

Past Clinical Titles and Responsibilities

Summaries of past clinical activities

- *Physical Therapist, St. Johns Medical Center, (May 2004-November 2004)*
  - 40 scheduled hours per week
  - Average number of patients per week: 35-40
  - Direct care of patients in the outpatient setting including evaluation, treatment, patient and family education, and consultation with physicians and other health care professionals
  - Specialties: Outpatient orthopedics, focus limited to only McKenzie (MDT) treatment
  - Supervision of physical therapy assistants within the guidelines of the laws in Oklahoma

- *Physical Therapist Outpatient Travel, Reflectx Staffing (2004-2006, 2009)*
  - Provided 13-26 week periods of coverage to a variety of outpatient clinics across multiple states
  - 40 scheduled hours per week
  - Average number of patients per week: 35-50
  - Direct care of patients in the outpatient setting including evaluation, treatment, patient and family education, and consultation with physicians and other health care professionals
  - Variety of general orthopedic injuries in a variety of areas of the country
  - Provide flexibility in setting, coverage, location, documentation, and personalities due to constantly changing location and settings although all outpatient orthopedics

- *Physical Therapist, Human Performance Center, (September 2006-July 2009)*
  - 36-40 scheduled hours per week
  - Average number of patients per week: 50-60
  - Direct care of patients in the outpatient setting including evaluation, treatment, patient and family education, and consultation with physicians and other health care professionals

  - Specialties: Outpatient orthopedics, focus on pre- and post-operative management of shoulder, knee and ankle patients
  - Supervision of physical therapy assistants and physical therapy aides within the guidelines of the laws in Oklahoma
  - Direct relationship with six orthopedic surgeons for walk overs and consults
  - Marketing to orthopedic surgeons and top referrals

- *Physical Therapist PRN, Midwest Regional Medical Center (May 2006-August 2009)*
  - 2-3 scheduled weekends per month
  - Average number of patients per week: 16-24 variable (depending on census)
  - Direct care of patients in the acute care setting including evaluation, treatment, patient and family education, and consultation with physicians and other health care professionals
  - Specialties: Weekend priority was postoperative orthopedics and spine but also included other general medical conditions requiring physical therapy
  - Supervision of physical therapy assistants and physical therapy aides within the guidelines of the laws in Oklahoma

- *Physical Therapist PRN, Green Country Rehabilitation (May 2006-August 2009)*
  - 2-3 scheduled hours per week
  - Average number of patients per week: 2-3 variable (depending on census)
  - Direct care of patients in the home health care setting including evaluation, treatment, patient and family education, and consultation with physicians and other health care professionals
  - Specialties: Orthopedics/Post-operative management of hip, knee, shoulder, other LE fractures, and cervical and lumbar spinal fusions but also included other general medical conditions requiring physical therapy

- *Physical Therapist, Movement Systems Physical Therapy Seattle, WA (Dec 2009-2010)*
  - 40-45 scheduled hours per week
  - Average number of patients per week: 40-50
  - Direct care of patients in the outpatient setting including evaluation, treatment, patient and family education, and consultation with physicians and other health care professionals
  - Specialties: Outpatient orthopedics, hip, shoulder, post-operative care, TMJ, cervical and lumbar spine
  - Development of student program in collaboration with Washington University to provide a clinical site by application/interview to DPT students completing early clinical experience and full-time clinical rotations
  - Mentoring to new graduates in the clinic
  - Marketing and shadowing with a local physiatrist and developed a relationship to provide PT to be the primary provider for his orthopedic patients
  - Increased hip referral from orthopedic doctors through marketing, surgery observation, and shadowing opportunities

  - Developed and offered a continuing education course to yoga instructors and personal trainers to improve safety and promote the movement system in clients and improve referral sources between these practitioners

- *Center Manager, SSM Physical Therapy Hazelwood (January 2011-June 2015)*
  - 40-50 scheduled hours per week
  - Average number of patients per week: 35-50 (depending on evaluation vs. follow-up visit and management responsibilities)
  - Direct care of patients in the outpatient setting including evaluation, treatment, patient and family education, and consultation with physicians and other health care professionals (80%)
  - Direct supervision of five full-time physical therapists and two front desk staff in a busy outpatient setting
  - Hiring and training of new physical therapists
  - Mentoring and growth of new graduates
  - Management of patient, employee, and equipment safety
  - Management of quarterly and yearly budget and bonuses
  - Specialties: Outpatient orthopedics, hip, shoulder, post-operative care, TMJ, cervical and lumbar spine pain
  - Supervision of Doctor of Physical Therapy (DPT) students completing early clinical experience and full-time clinical rotations
  - Marketing to new referral sources in order to improve growth and reputation of the clinic in North County
  - Marketing to current orthopedic surgeons to maintain and grow current relationships

- *Level III Physical Therapist, PRN, Graham Medical Center (July 2015–December 2018)*
  - 12-40 scheduled hours per week
  - Average number of patient per week: 24-60
  - Direct care of patients in an outpatient setting in a lower socioeconomic area in North County including evaluation, treatment, patient and family education, and consultation with physicians and other health care professionals
  - Specialties: Outpatient orthopedics, hip, shoulder, post-operative care, TMJ, cervical and lumbar spine
  - Promoted to Level III Clinician through BJC career ladder after one-year of employment (criteria available) (only PT at this site ever to meet this criteria)
  - Supervision of Doctor of Physical Therapy (DPT) students completing early clinical experience and full-time clinical rotations

- *Physical Therapist, PRN, The Rehabilitation Institute of St. Louis (2015-2019)*
  - 10-30 scheduled hours per week
  - Average number of patients per week: 10-30
  - Direct care of patients in the outpatient setting with complicated medical diagnoses including evaluation, treatment, patient and family education, and consultation with physicians and other health care professionals

  - Specialties: Outpatient orthopedics, hip, shoulder, post-operative care, cervical/lumbar spine

- *Clinical Specialist, SSM Physical Therapy St. Louis Hills (2015–2020)*
  - 35 scheduled hours per week; 40-45 hours during breaks
  - Average number of patients per week: 35-50
  - Achieved Senior Clinician Status through clinical ladder in January 2019
  - Direct care of patients in the outpatient setting including evaluation, treatment, patient and family education, and consultation with physicians and other health care professionals
  - Specialties: Outpatient orthopedics, hip, shoulder, post-operative care, TMJ, cervical and lumbar spine
  - Supervision of Doctor of Physical Therapy (DPT) students completing early clinical experience and full-time clinical rotations
  - Mentoring to one new graduate in the market (one-year commitment ~3 hours/month)
  - Marketing to hip surgeons and foot and ankle practitioners
  - Increased hip referral from orthopedic doctors through marketing, surgery observation, and shadowing opportunities.

Current Academic Positions/Employment History

Position	Institution/Facility	Dates
Assistant Professor	Washington University School of Medicine	2020-Present
Fellowship Mentor	Program in Physical Therapy	2013-Present
	St. Louis, Missouri	

Teaching Title and Responsibilities

Current Teaching Responsibilities

Professional Clinical Doctorate (DPT) Curriculum (WUSM)

Diagnosis & Management of Musculoskeletal Conditions I (PT 614)
Laboratory Assistant: 2009, 2011-Present
Diagnosis & Management of Musculoskeletal Conditions II (PT 624)
Laboratory Assistant: 2012-Present
Diagnosis & Management of Musculoskeletal Conditions III (PT 638)
Laboratory Assistant: 2013-Present
Essential Clinical Skills II (PT 627)
Laboratory Assistant: 2015-Present
Diagnosis & Evidence Analysis in PT Practice III (PT 650)
Advisor: 2015-Present
Case Integration III (PT 654)
Laboratory Assistant: 2013-Present
Advisor: 2015-Present
Human Anatomy (PT 611)
Laboratory Assistant: 2018-Present
Case Integration II (PT 642)

Advisor: 2014–2017
Advisor: 2020

Diagnosis and Treatment of Movement System Impairment Syndrome Courses
Introduction to Concepts and Application
Lab Assistant: 2018, 2019
Advanced Application of the Lower Quarter
Lab Assistant: 2017, 2019

Professional Clinical Doctorate (DPT) Curriculum South College Knoxville Tennessee
Human Physiology (DPT 6150)
Adjunct Faculty: Winter Quarter 2018, 2019, 2020
Advanced Diagnostics (DPT 6651)
Adjunct Faculty: Fall Quarter 2018, 2019
Evidence Based Practice II (DPT 6230)
Adjunct Faculty: Spring Quarter 2018, 2019, 2020
Business Management (DPT 6730)
Adjunct Faculty: Winter Quarter 2020
Mindful Patient Management (DPT 6441)
Adjunct Faculty: Spring Quarter 2019, 2020

Past Teaching Responsibilities

Professional Clinical Doctorate (DPT) Curriculum (WUSM)
Essential Clinical Skills II (PT627)
Lecturer: 2017, 2018
Case Integration I (PT 628)
Advisor: 2014-2017
Case Integration II (PT 642)
Advisor: 2014-2017
Kinesiology II (PT 613)
Laboratory Assistant: 2016-2018
Diagnosis & Management of General Musculoskeletal Conditions (PT 636)
Laboratory Assistant/Group Facilitator: 2017, 2018
Essential Clinical Skills I (PT 603)
Laboratory Assistant: 2016-2020
Professional Issues & Skills Development PISD I (PT 602)
Negotiations: 2016-2019
Organization & Management Issues OMI (PT651)
Paper Grading: 2017-2020
Professional Issues & Skills Development PISD III (PT 635)
Negotiations: 2016-2019
Center for Inter-Professional Education (CIPE)
Group Facilitator: Jan/Feb 2018 for First Year Class

University Appointments and Committees

Doctor of Physical Therapy Program Admissions Committee, Member 2017-Present
Return on Investment (ROI) Committee, Member 2018-Present

Medical Licensure and Board Certifications

Oklahoma Board of Medical Licensure and Supervision 2004-2016
License number: 3720
Expired License-Inactive

Michigan Department of Licensing and Regulatory Affairs 2004-2007
License number: 5501012149
Expired License-Inactive

Missouri State Board of Registration for the Healing Arts 2008-Present
License number: 2008023637
Active

State of Arizona 2009-Present
License number: LPT-008605
Active

Washington State Department of Health 2009-2013
License number: PT 60114548
Expired License-Inactive

American Board of Physical Therapy Specialists
Board Certification, Orthopedics 2012-Present
Recertify 2020

Participation in local, regional, and national professional societies and organizations

- American Physical Therapy Association, Member (2001-Present)
  - Oklahoma Physical Therapy Association (2001-2008)
  - Missouri Physical Therapy Association, Member (2008-Present)
- American Board of Physical Therapy Residency and Fellowship Education (ABPTRFE)
  - Accreditation Services Committee Member (Feb 2010-Dec 2016)
  - Annual Report Subcommittee Member (Dec 2012-Dec 2016)

Honors and Awards

Patty K Scheets Award for Excellence in Physical Therapy Education 12/18/2017

Community Service Contributions

Participation in department, school of medicine, university, or hospital committees and activities

- *Supervising Physical Therapist, Service Learning trip to Guatemala.* (December 2014)

    - Supervised a group of third-year DPT students on a 7-day service trip to Zacapa, Guatemala with Hearts in Motion, an organization dedicated to providing health care services including physical therapy for the underserved people of Guatemala.
- *Panel Discussion on Residency/Fellowship Training* 1 hour/Q&A (2009, 2018)
- *Brown Bag Lunches* (2016, 2017, and 2018): Informal 1-hour presentation/Q & A session to all levels of DPT students interested in travel physical therapy
  Discussed practice settings, interview process, licensing, ethics, taxation, salary and other compensation as well as personal aspects of traveling alone/with a spouse
- *Run for the Mission volunteer* (3 hours each on October 10/22/16, 10/21/17, 2018)
- *BJC Health Fair (4 Hours) (9/17/16, 2017, 2018)*
- *WUPT Games Forest Park (3/18/17)*
- *Life Outside Volunteer Marketing Event (WUSM)* (June 9, 2018)
- *AJAX 4x4 Soccer Tournament* (8/18/19)
- *PT Day of Service (10/13/18, 10/12/19)*
- *WUPT DPT Admissions Committee, Member* (2017-Present)
    - Participation in the committee that reviews applications and makes admission decisions on prospective students to the DPT program
    - Committee meets twice a month for two hours throughout the 7-month admissions cycle
    - 60-70 applications reviewed per year, per member
- *Return on Investment Committee (ROI)* (2018-2019)
    - Participation in meetings with a committee of four to define ROI
    - Held focus groups with past and present students to gain information
    - Compile Information to assist with curriculum changes
- *How to Integrate MSI into Practice* Q&A Panel with 3rd year students about how to integrate MSI into their practice as they graduate and enter the workforce (2018)
- *Physical Therapist, Waitress the Musical* (2019)
    - 6 hours, two weekend nights, five performers each night.
    - On-site musculoskeletal screening, evaluation, and treatment of touring performers before performances at the Fox Theatre

Invited Lectures

Manual Therapy and Movement Examination for the Cervical, Thoracic, and Lumbar Spine.
Lecture and Laboratory Module to incorporate manual therapy treatment combined with the Movement system examination
Masters in Physical Therapy Program
Mekelle University
Mekelle, Ethiopia
March 1-March 13, 2020

Movement System Examination and Treatment for the Upper Quarter
Continuing Education Course for Select Medical Corporation
Philadelphia, Pennsylvania
May 2020

Research Support

Title: Movement pattern training in people with pre-arthritic hip disorders
Source: NIH-NICHD, NCMRR, R21HD086644
Role: Research Physical Therapist
PI: Marcie Harris-Hayes, PT, DPT, MSCI

Title: Comparison of Movement Pattern Training and Manual Therapy for Pre-Arthritic Hip Disorders: A Pilot Randomized Control Trial
Source: Foundation for Physical Therapy, Paris Patla Musculoskeletal Grant
Role: Research Physical Therapist
PI: Marcie Harris-Hayes, PT, DPT, MSCI

Bibliography

Poster Presentations

Smith CR, Bloom NJ, Sahrmann SA, Harris-Hayes. Diagnosis and treatment of two patients with hip pain using the movement system classification system. *Presented at Combined Sections Meeting (CSM), San Diego, California, February, 2010.*

Smith CR, Sahrmann, SA. Movement system classification and treatment of a patient with a scapula fracture. Presented at *Combined Sections Meeting (CSM), New Orleans, Louisiana, February, 2011.*

Smith CR, McDonnell MK. Diagnosis and treatment of a patient with chronic posterior chest wall pain. Presented at *Combined Sections Meeting (CSM), New Orleans, Louisiana, February, 2018. One of 14 posters nominated for best poster*.

Smith CR. Graded exposure for TMD after trauma… are we doing enough. Presented at *Combined Sections Meeting (CSM), Denver, CO February, 2020.*