

CURRICULUM VITAE
GREGORY W. HOLTZMAN, PT, DPT, SCS

PRESENT POSITION: Associate Professor in Physical Therapy and Orthopedic Surgery
Washington University School of Medicine
Associate Director of Clinical Practice

EDUCATION:

<u>Degree</u>	<u>Institution</u>	<u>Field/Major</u>	<u>Date</u>
D.P.T	Washington University St. Louis, MO	Physical Therapy	2002-2007
M.S.P.T	Washington University St. Louis, MO	Physical Therapy	1999-2001
B.A. Summa Cum Laude	Emory University Atlanta, GA	Psychology / Political Science	1991-1995

LICENSURE / REGISTRATION:

Physical Therapy
Missouri Board of Registration for the Healing Arts
License Number – 2002004659
2002-Present

CERTIFICATIONS

APTA
Credentialed Clinical Instructor
Advanced Credentialed Clinical Instructor
Board Certified Sports Clinical Specialist
2006-Present
2009-Present
2015-Present

EMPLOYMENT AND POSITIONS HELD:

<u>Position</u>	<u>Institution/Facility</u>	<u>Dates</u>
Associate Professor	Washington University School of Medicine Program in Physical Therapy St. Louis, MO	2013-Present
Assistant Professor	Washington University School of Medicine Program in Physical Therapy St. Louis, MO	2007-2013

Instructor	Washington University School of Medicine Program in Physical Therapy St. Louis, MO	2003-2007
Physical Therapist	The Rehabilitation Institute of St. Louis St. Louis, MO	2002-2004

PUBLICATIONS:

Holtzman GW, Harris-Hayes M. Treatment of patella alta with taping, exercise, mobilization, and functional activity modification: A Case Report. *Physiotherapy Theory and Practice*. 28(1): 71-83, 2012.

Holtzman GW, Harris-Hayes M, Hoffman SL, Zou D, Edgeworth RA, Van Dillen LR. Clinical examination procedures to determine the effect of axial decompression on low back pain symptoms in people with chronic low back pain. *Journal of Orthopedic and Sports Physical Therapy*. 42(2): 105-113, 2012

Harris-Hayes M, **Holtzman GW**, Earley JA, Van Dillen, LR. Development and preliminary reliability testing of an assessment of patient independence in performing a treatment program: Standardized scenarios. *J Rehabil Med*, 42(3): 221-7, 2010.

ABSTRACTS:

Van Dillen LR, Norton BJ, Sahrman SA, Harris-Hayes M, **Holtzman G**, Earley J, Strube MJ. Effects of classification specific treatment versus non specific treatment on low back pain related functional disability in people with chronic low back pain over a one year period. *International Society for Electromyography and Kinesiology*, Brisbane, AU; July 18-21, 2012, p.88.

Holtzman GW, Vernon D, Norton BJ. Differences in frontal plane back curvature related to side, test condition, and history of low back pain. 2010; APTA Combined Sectionals Meeting

Norton BJ, Vernon D, **Holtzman GW**, Klaesner J. Development of a sitting posture monitoring system. 2010; APTA Combined Sectionals Meeting

Holtzman GW, Harris-Hayes M, Van Dillen, Linda. Clinical exam procedures for unloading the lumbar region: Effects in people with chronic low back pain. 2009; APTA Combined Sectionals Meeting.

Holtzman GW, Harris-Hayes M. Conservative treatment for patella alta: A Case Study. 2008; APTA Combined Sectionals Meeting.

Harris-Hayes M, **Holtzman GW**, Earley J, VanDillen LR. Intra- and inter-rater reliability of physical therapists to assess patient's independence in performing a treatment program: Simulated patient scenarios. 2008; APTA Combined Sectionals Meeting.

Klaesner JW, **Holtzman GW**, Norton BJ. Instrumented office chair for measuring posture during prolonged sitting. 2007; Biomedical Engineering Society (BMES) Annual Meeting.

Holtzman GW, Wong M, Norton BJ. Postural alignment differences in 2 test positions: Erect standing and unsupported sitting. *Journal of Orthopedics and Sports Physical Therapy*. 2006; 36: A41-A42.

Norton BJ, Wong, M, **Holtzman GW**. Asymmetry of postural alignment in the frontal plane associated with trunk lateral bending in standing and sitting. *Journal of Orthopedics and Sports Physical Therapy*. 2006; 36: A51-A52.

UNIVERSITY COMMITTEES, POSITIONS, AND APPOINTMENTS:

COMMITTEES:

Washington University Program in Physical Therapy Program Innovation Council	2003-2004, 2009-2010
Faculty Search Committee	2005-2009 2012-2014
Committee on Academic Evaluation of Students (CAES)	2003-2010
Technology in the Classroom Committee	2011-2014
Committee on Academic and Professional Evaluation of Student (CAPES)	2011-Present
Admissions Committee (Professional Curriculum)	2004-Present
Chair - Ad Hoc Marketing Committee	2013-2014

CLINICAL APPOINTMENTS AND RESPONSIBILITIES

Program in Physical Therapy

Washington University Physical Therapy Clinics: Associate Director, Clinician and Director of the Washington University Running Clinic 2004-Present

Responsibilities: Manage an independent caseload of patients that present with a variety of orthopedic conditions. Specialize in the evaluation and treatment of movement faults and disorders that contribute to pain. Treat patients with post-operative musculoskeletal pain and limitation. Also evaluate and treat the injured runner (both competitive and recreational) using video technology.

HONORS AND AWARDS

Outstanding Missouri Physical Therapy Student (Nominee) Washington University Program in Physical Therapy	2001
Guebert-Lake Scholarship Recipient Washington University Program in Physical Therapy	2000
Kathleen Dixon Book Scholarship Recipient Washington University Program in Physical Therapy	2000

SCIENTIFIC / PROFESSIONAL ORGANIZATIONS

American Physical Therapy Association	1999-Present
Orthopedic Section Member	2003-Present
Missouri State Delegate	2008-2013
Chief Delegate	2014-Present
Missouri Physical Therapy Association	2003-Present
Eastern District Nominating Committee	2004-2007
Chairperson	2006-2007

RESEARCH:

Clinical Trial – “Spinal Control During Functional Activities to Improve Low Back Pain Outcomes” Principal Investigator – Linda VanDillen, PT, PhD NIH Grant #: R01 HD047709 Total Costs: \$1,563,678 Responsibilities: Development of treatment documentation Treating therapist for motor control group	2013-Present
MPTA Grant – Development and Testing of a Sitting Posture Monitoring and Alerting System Principal Investigator – Barbara J. Norton, PT, PhD Grant Amount: \$5,000.00	2008-Present

TEACHING RESPONSIBILITIES:

Washington University Program in Physical Therapy
Professional Clinical Doctorate (DPT) Curriculum (WUSM)

Diagnosis and Management of Musculoskeletal Conditions I (PT 614) Course Assistant: 2005-Present Class Size: 45-80
Diagnosis and Management of Musculoskeletal Conditions II (PT 624) Unit Coordinator: Stages for Rehabilitation and the Knee – 2009-Present Class Size: 70-80
Diagnosis and Management of Musculoskeletal Conditions III (PT 635) Course Coordinator: 2011-Present

Class Size 70-80

Essential Skills II (PT 627)
Course Assistant: 2003-Present
Class Size: 45-80

Neurology Medicine (PT 625)
Course Master (PT): 2003-2005
Class Size: 80-100 (Includes OT students)

Alternative Skills and Practice Environments (PT 652)
Course Master: 2004-2011
Class Size: 45-75

Professional Issues and Skill Development II (PT 615)
Course Master: 2007-2013
Class Size: 65-80

Clinical Education (PT 691-PT 694)
Member of Clinical Education Team
Class Size: 15-25 students per class are seen for advisement

Lecturer for selected courses for the Professional Clinical Doctorate Program

Diagnosis and Management of Musculoskeletal Conditions II:	2009-Present
Health, Fitness, and Prevention	2009-Present
Alternative Skills and Practice Environments	2011-2013
Case Integration III	2012-Present
Kinesiology II	2012-Present
Anatomy	2013-Present

Lab Assistant for selected courses for the Professional Clinical Doctorate Program

Diagnosis and Management of Musculoskeletal Conditions I:	2001-Present
Diagnosis and Management of Musculoskeletal Conditions II:	2003-Present
Diagnosis and Management of Musculoskeletal Conditions III:	2004-Present
Case Integration I/III	2004-Present
Kinesiology II	2012-Present

Washington University School of Medicine

Participation in course for Washington University Medical Students	
Ambulatory Care Rounds	2006
Physical Medicine and Rehabilitation Rounds	2010

Washington University Program in Occupation Therapy

Participation in course for Washington University OTD students

“Introduction to Physical Agents”	2006-Present
<i>Continuing Education</i>	
Lab Assistant for continuing education courses: Diagnosis and Treatment of Musculoskeletal Conditions Advanced Applications – Lower Quarter Advanced Applications – Upper Quarter	2002-Present
Instructor for continuing education course: Diagnosis and Treatment of Musculoskeletal Conditions: Introductory Course Advanced Application – Lower Quarter Advanced Application – Upper Quarter	2006-Present 2006
<i>Clinical Education / Teaching</i>	
Clinical Instructor The Rehabilitation Institute of St. Louis	2002-2003
Focus Study Instructor Washington University Physical Therapy Clinics	2005-2006
<i>Community Education:</i>	
“Introduction of Physical Therapy for the Allied Health Professional” Missouri Society of Radiologic Technologists – 4 th District St. Louis, MO	2002
“Treatment of Patients with Chronic Pain: A Group Approach” Physical Therapy Conclave St. Louis, Mo	2005
“Resistance Training” St. Louis Science Center – Lunch and Learn St. Louis, MO	2006
“The Appropriate Use of Heat and Cold” St. Louis Science Center – Lunch and Learn St. Louis, MO	2006
“Ultrasound and Therapeutic Laser” St. Louis Hand Therapy Society St. Louis, MO	2007
“Evaluation and Treatment of the Injured Runner” Energizer Battery Corporation St. Louis, MO	2011
“Evaluation and Treatment of the Injured Runner” Missouri Running Company	2012

St. Louis, MO

“Essentials of Strengthening Clinic” 2014-Present

Big River Running

St. Louis, MO

“Movement System Assessment for the Injured Runner” 2014

Big River Running

St. Louis, MO

“Evaluation and Treatment of the Injured Runner” 2015

Young Kempt Physiotherapy

Halifax, Canada

INVITED PRESENTATION

“Physical Therapist Assessment of Hip Disorders” 2012

7th Annual Sports Medicine Update

St. Louis, MO

“A Movement System Approach to the Evaluation and Treatment of the Injured Runner” 2012

Eastern District Missouri Physical Therapy Association

St. Louis, MO

“The Injured Runner: Treatment Strategies for Recovery and Prevention” 2013

Midwest Distance Running: Coaching Summit

St. Louis, MO

“A Movement System Approach to the Evaluation and Treatment of the Injured Runner” 2014

Combined Sections Meeting

Las Vegas, NC

“A Movement System Approach to the Evaluation and Treatment of the Injured Runner” 2014

Illinois PTA Association

Bellville, IL

“A Movement System Approach to the Evaluation and Treatment of the Injured Runner” 2015

Montana Physical Therapy Association State Meeting

Whitefish, MT

“A Movement System Approach to the Evaluation and Treatment of the Injured Runner” 2015

Halifax, Canada

OTHER PROFESSIONAL ACTIVITY

Employee Appreciation Day – Postural Screening / Education Washington University St. Louis, MO	2006
Injury Awareness Day – Community Education St. Louis Science Center	2006
Chronic Pain Group – Instructor Washington University Pain Management Center and The Rehabilitation Institute of St. Louis St. Louis, MO	2003-2008
Diversity Fair – Postural Screening / Education Washington University St. Louis, MO	2003
On the Move – Volunteer Washington University Program in Physical Therapy St. Louis, MO	2000-2001
Washington University Cross Country Team-Athlete Screening/Education Washington University St. Louis, MO	2013-Present

CONFERENCES ATTENDED:

University of Florida Running Medicine Conference	2012-2015
American Physical Therapy Association Combined Sections Meeting	2006-2011 2014-2015
House of Delegates	2008-2015
Education Section Special Interest Group Conference	2006