

CURRICULUM VITAE

LYNNETTE KHOO-SUMMERS, PT, DPT

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

EDUCATION:

<u>Date:</u>	<u>Degree:</u>	<u>Institution:</u>	<u>Field:</u>
1986-1990	BA	Colorado State University Fort Collins, Missouri	Performing Arts & Technical Journalism
1996-1998	MSPT	Washington University School of Medicine St Louis, Missouri	Physical Therapy
2004-2008	DPT	Washington University School of Medicine St Louis, Missouri	Physical Therapy

ACADEMIC/PROFESSIONAL EMPLOYMENT:

<u>Date(s):</u>	<u>Position:</u>	<u>Institution/Facility:</u>
April 1999 – Jan. 2001	Physical Therapist	BJC Rehabilitation and Fitness Center & Milliken Hand Rehabilitation Center St. Louis, Missouri
Jan. 2001 - June 2006	Laboratory Instructor	Washington University School of Medicine Program in Physical Therapy St. Louis, Missouri
Jan. 2001 - June 2006	Physical Therapist	The Rehabilitation Institute of St Louis & Milliken Hand Rehabilitation Center St. Louis, Missouri
July 2006 – June 2009	Instructor	Washington University School of Medicine Physical Therapy and Orthopaedic Surgery St. Louis, Missouri
July 2009 – June 2014	Assistant Professor	Washington University School of Medicine Physical Therapy and Orthopaedic Surgery St. Louis, Missouri
July 2014 - present	Associate Professor	Washington University School of Medicine Physical Therapy and Orthopaedic Surgery St. Louis, Missouri

UNIVERSITY AND HOSPITAL APPOINTMENTS AND COMMITTEES:
WASHINGTON UNIVERSITY SCHOOL OF MEDICINE

Physical Therapy and Orthopaedic Surgery

July 2004 - present Medical Program for the Performing Artists, Co-Director

Program in Physical Therapy

2006 – 2007 Program Innovation Council member

2006 – 2010 Committee on Academic Evaluation of Students (CAES) member,
Washington University Program in Physical Therapy

2007 – 2008 Clinical Practice Advisory Council member

2012 – present Committee on Academic and Professional Evaluation of Students
(CAPES) member – Spring semesters only

THE REHABILITATION INSTITUTE OF ST. LOUIS

2001 – 2006 Aquatics Program

2005 Service Excellence Committee

MEDICAL LICENSURE:

1999 Missouri Board of Registration for the Healing Arts
Registration No. 118145

SPECIALTY CERTIFICATION:

2009 American Physical Therapy Association (APTA) Credentialed
Clinical Instructor

EDITORIAL RESPONSIBILITIES:

2010 - Present Reviewer for American Academy of Physical Medicine and
Rehabilitation Journal

2014 – Present Reviewer for Medical Problems of Performing Artists Journal

SCIENTIFIC/PROFESSIONAL ORGANIZATIONS/SOCIETIES:

1996 – 2002 American Physical Therapy Association

2006 – present American Physical Therapy Association, Orthopaedic Section and
Performing Arts Special Interest Group

2006 – present International Association for Dance Medicine and Science

2013 – present International Association for Dance Medicine and Science, Publications
Committee

2010 - present Performing Arts Medicine Association

2014 -2015 American Academy of Orthopedic Manual Physical Therapists

RESEARCH SUPPORT:

2010 -2012 Principal Investigator
Professional Musicians Survey on Healthcare Utilization and
Psychosocial Factors
Source: Program in Physical Therapy for \$1,500

TEACHING TITLE AND RESPONSIBILITIES:

**Professional Clinical Doctorate (DPT) Curriculum
Program in Physical Therapy
Washington University School of Medicine
St. Louis, Missouri**

Current Teaching Responsibilities

Alternative Settings and Practice Environments (PT 652)

2012 – present Course Coordinator
2010 – 2011 Assistant Course Coordinator
2007 – present Lecturer

Diagnosis & Management of Musculoskeletal Conditions in PT I (PT 614)

2003 – present Laboratory Assistant

Diagnosis & Management of Musculoskeletal Conditions in PT II (PT 624)

2003 – 2014 Laboratory Assistant and Paper Grader

Diagnosis & Management of Musculoskeletal Conditions in PT III (PT 638)

2003 – present Lecturer and Laboratory Assistant

Essential Clinical Skills in PT I (PT 617)

2015 – present Laboratory Assistant

Essential Clinical Skills in PT II (PT 627)

2003 – present Lecturer and Laboratory Assistant

Essential Clinical Skills in PT III (PT 637)

2003 – 2013 Laboratory Assistant

Health, Fitness and Wellness (PT 653)

2009 – 2012 Lecturer

Kinesiology II (PT 613)

2003 – present Laboratory Assistant

Orthopaedic Medicine (PT 623)

2006 – present Paper Grader

Case Integration I (PT 628)

2015 – present Lecturer

Student Advisement/Clinical Instructor

2006 – present Case Integration I and III (including Focus Study) and
Diagnosis and Evidence Analysis (DEA) III, Clinical
Education II

2006 – 2013 Case Integration II advisor

ADDITIONAL TEACHING RESPONSIBILITIES AT WASHINGTON UNIVERSITY:

POST-PROFESSIONAL CLINICAL DOCTORATE (PPDPT) EDUCATION

**Program in Physical Therapy
Washington University School of Medicine
St Louis, Missouri**

Diagnosis & Management of Musculoskeletal Conditions Course - Upper Quarter
2010 – 2012 Lecturer

Capstone Project
2012 – 2014 Advisor

DIAGNOSIS AND MANAGEMENT OF MOVEMENT IMPAIRMENTS FELLOWSHIP

**Program in Physical Therapy
Washington University School of Medicine
St. Louis, Missouri**

Diagnosis and Management of Performing Artists
2012 - present Lecturer

PERFORMING ARTS DEPARTMENT

**Washington University
St. Louis, Missouri**

Focus Study Course
Sept 12, 2011 Lecturer

ADVISEMENT OF 6TH YEAR YEAR MEDICAL STUDENT

**Washington University School of Medicine
St. Louis, Missouri**

2009 Served as advisor to 6th year medical student during his 8 week rotation
initiating a research survey on musicians regarding healthcare utilization.

MOVEMENT SYSTEM DIAGNOSIS COURSES:

Upper and Lower Quarters
2003 – present St Louis, cities in the United States of America and Canada

PRESENTATIONS AND SEMINARS:

Performing arts related topics at professional conferences:

July 10, 2015 “Examination and Treatment of Neck Pain with the Inclusion of
Assessing Scapular Movement Impairments in 3 Performing

- Artists: Circus Artist, Clarinestist and Broadway Musical Theater Performer”
33rd Annual Performing Arts Medical Association Symposium
Snowmass, Colorado
- July 18, 2014 “Evaluation of Lower Quarter Injuries in the Dancer”
8th Annual Sports Medicine Update
St Louis, Missouri
- Oct. 19, 2013 “Conservative care of skeletally immature dancers with intra-articular, pre-arthritis hip disorders: a case series”
International Association for Dance Medicine and Science Annual Meeting
Seattle, Washington
- Sept. 20, 2013 Examination and treatment on dancers – lecture and demonstration
Regional physiotherapists
Busto Arsizio Choreutic High School
Busto, Italy
- Oct. 28, 2012 “Movement System Diagnosis: Motor Control and Learning for Diagnosis”
International Association for Dance Medicine and Science Annual Meeting
Singapore
- July 24, 2011 “Who Provides Healthcare to Orchestral Musicians for Playing-Related Symptoms?”
Performing Arts Medicine Association Conference
Snowmass, Colorado
- Feb. 9, 2011 “Movement Impairment Issues in Performing Artists: Considerations for Evaluation and Treatment of upper and Lower Quarter Injuries”
American Physical Therapy Association Combined Section Meeting
New Orleans, Louisiana
- Feb. 19, 2010 “Movement System Impairment Examination and Treatment: Dancer with Acetabular Labral Tear” – a platform presentation
American Physical Therapy Association Combined Section Meeting
San Diego, California
- Oct. 25, 2008 “Measurement of tibiofemoral rotation and the relationship of tibiofemoral rotation to first position turnout”
International Association for Dance Medicine and Science Annual Meeting
Cleveland, Ohio

July 2, 2008 "Balance your talent with healthy posture and movement: Lecture and Workshop" ClarinetFest®
International Clarinet Conference
University of Missouri at Kansas City
Kansas City, Missouri

Sports/orthopedics Physical Therapy:

Nov. 10, 2012 Innovations in the Treatment of Hip and Knee Disorders:
Perioperative Care of Patient with THR and other Hip Procedures
Washington University Orthopaedic Surgery
St. Louis, Missouri

Feb. 19, 2010 "The Complicated Patient"
Co-presentation with Sara Scholtes, PT, PhD, DPT
American Physical Therapy Association Combined Section
Meeting
San Diego, California

Aquatics Physical Therapy:

2002 – 2006 Intro to Aquatic Physical Therapy
The Rehabilitation Institute of St. Louis
St Louis, Missouri

BIBLIOGRAPHY:

Textbook chapters:

1. Caldwell CA, Khoo-Summers L. Movement System Syndromes of the Hand and Wrist. In Sahrman SA and Associates. *Movement System Impairment Syndromes of the Extremities, Cervical and Thoracic Spines*. 1st ed. St Louis, MO: Elsevier; 2011;165-278.
2. Caldwell CA, Khoo-Summers L. Movement System Syndromes of the Elbow. In Sahrman SA and Associates. *Movement System Impairment Syndromes of the Extremities, Cervical and Thoracic Spines*. 1st ed. St Louis, MO: Elsevier; 2011;279-353.

Manuscripts:

1. Khoo-Summers L, Bloom NJ. Examination and treatment of a professional ballet dancer with a suspected acetabular labral tear: A case report. *Manual Therapy*. 2015; 20:623-629.
2. Chimenti, RLP, Van Dillen LR, Prather H, Hunt DM, Chimenti PC, Khoo-Summers, L. Underutilization of Worker's Compensation Insurance among Professional Orchestral Musicians. *Med Probl Perform Art*. 2013;28:54-60.
3. Khoo-Summers LC, Prather H, Hunt DM, Van Dillen LR. Predictors of First Position Turnout in Collegiate Dancers: The Role of Tibiofemoral External Rotation and Hip External Rotation. *Am J Phys Med Rehabil*. 2013;92:136-142.
4. Melby SJ, Vedantham S, Narra VR, Paletta GA Jr, Khoo-Summers L, Driskill MR, Thompson RW. Comprehensive Surgical Management of the Competitive Athlete with Effort Thrombosis of the Subclavian Vein (Paget-Schroetter Syndrome). *Jour Vascular Surgery*. 2008;47:809-820.

5. Fadl YY, Ellenbogen KA, Grubb RL Jr, Khoo-Summers L, Lindsay BD. A Review of Spinal Injuries in Invasive Cardiology: Part 1 – Biomechanics and Pain Generation. *Pacing Clin Electrophysio*. 2007;30:1012-1019.
6. Fadl YY, Ellenbogen KA, Grubb RL Jr, Khoo-Summers L, Lindsay BD. A Review of Spinal Injuries in Invasive Cardiology: Part 2 – Prevention and Treatment. *Pacing Clin Electrophysio*. 2007;30:1049-1157.

Abstracts:

1. Khoo-Summers L. Examination and Treatment of Neck Pain with the Inclusion of Assessing Scapular Movement Impairments in 3 Performing Artists: Circus Artist, Clarinestist and Broadway Musical Theater Performer. *In Proceedings of the 33rd Annual Performing Arts Medicine Association Symposium*, 2015; July 10:p106-107.
2. Khoo-Summers L, Stephens A, Hunt D, Prather H. Conservative care of skeletally immature dancers with intra-articular, pre-arthritis hip disorders: a case series. *In Proceedings of the 23rd Annual International Association for Dance Medicine and Science 23rd Annual Meeting*, 2013.
3. Khoo-Summers L, Chimenti RLP, Chimenti P, Hunt DM, Prather H, Van Dillen LR. Who provides healthcare to orchestral musicians for playing related symptoms? *In Proceedings of the 29th Annual Performing Arts Medicine Association Symposium*, 2011; July 21-24:p106-107.
4. Hunt DM, Khoo-Summers L, Chimenti RLP, Chimenti P, Prather H, Van Dillen LR. Worker's compensation and psychosocial factors in professional musicians. *In Proceedings of the 29th Annual Performing Arts Medicine Association Symposium*, 2011; July 21-24:p110.
5. Chimenti RLP, Khoo-Summers L, Chimenti P, Hunt DM, Prather H, Van Dillen LR. Factors influencing the decision to file for worker's compensation insurance in musicians. *In Proceedings of the 29th Annual Performing Arts Medicine Association Symposium*, 2011; July 21-24:p50-51.
6. Prather H, Khoo-Summers L, Chimenti RLP, Chimenti P, Hunt DM, Van Dillen LR. Characteristics of ICSOM Members in 1988 Versus 2010: A Descriptive Comparison. *In Proceedings of the 29th Annual Performing Arts Medicine Association Symposium*, 2011; July 21-24:p18-19.
7. Khoo-Summers LC, Hunt DM, Prather H, Van Dillen LR. Hip lateral rotation and first position: to measure in prone or not to measure in prone, that is the question. *In Proceedings of the 18th Annual International Association for Dance Medicine and Science 18th Annual Meeting*, 2008; October 23-25:p96-97.
8. Khoo-Summers LC, Hunt DM, Prather H, Van Dillen LR. Measurement of tibiofemoral rotation and the relationship of tibiofemoral rotation to first position turnout. *In Proceedings of the 18th Annual International Association for Dance Medicine and Science 18th Annual Meeting*, 2008; October 23-25:p72-73.
9. Gage MJ, Thompson RW, Khoo-Summers L, Majewski TL, Evans TA. Acute, idiopathic swelling in the arm of a female collegiate volleyball player. National Athletic Trainers'

Association Annual Meeting and Clinical Symposia. Baltimore, MD; June 19, 2004: 12:40
 – 2:50 pm. Abstract: Supplement to Journal of Athletic Training. 2004;39(2):S-78.

CONTINUING EDUCATION ATTENDED:

<u>Date:</u>	<u>Units:</u>	<u>Course Title & Sponsoring Organization:</u>
Oct 9-11, 2015	1.95 CEU	25 th IADMS Annual Meeting Pittsburgh, PA
Jul 9-12, 2015	2.25 CEU	33 rd Annual PAMA Symposium Snowmass, CO
Jun 6-8, 2015	2.5 CEU	Maitland Australian Physiotherapy Seminars MT-1 Basic Peripheral St Louis, MO
Oct 22-26, 2014	1.775 CEU	AAOMPT Pre-conference and Conference San Antonio, TX
Sept 19-20, 2014	0.975 CEU	Movement System Symposium Program in Physical Therapy, Washington University School of Medicine
Mar 11, 2014	0.01 CEU	Visiting Professor Presentation – Chris Powers Program in Physical Therapy, Washington University School of Medicine
Jan 6-Feb 28, 2014	16 CEU	Clinical Education of Katrina Rinne Washington University Physical Therapy Clinics St Louis, MO
Feb 4-7, 2014	1.9 CEU	APTA Combined Section Meeting Las Vegas, NV
Oct 17-20, 2013	2.3 CEU	23 rd IADMS Annual Meeting and Special Interest Group Day (Musculoskeletal Medicine Day) Seattle, WA
Jun 7-9, 2013	2.4 CEU	Maitland Australian Physiotherapy Seminars MT-2 Basic Spinal St Louis, MO
Jan 7-Mar 1, 2013	16 CEU	Clinical Education of Curtis Sargent Washington University Physical Therapy Clinics St Louis, MO
Jan 22-24, 2013	2.2 CEU	APTA Combined Section Meeting San Diego, CA
Dec 14-15, 2012	1.1 CEU	Manual therapy course for the spine Myra Meekins Washington University Program in Physical Therapy

		St Louis, MO
Oct 25-28, 2012	1.45 CEU	22 nd IADMS Annual Meeting Singapore
July 21-24, 2011	1.65 CEU	Performing Arts Medicine Association Conference Snowmass, CO
Feb 8-11, 2011	2.4 CEU	APTA Combined Section Meeting New Orleans, LA
Sept 24, 2010	0.2 CEU	“Structural and Metabolic Correlates with Muscle Function” Steven J. Rose Symposium Program in Physical Therapy, Washington University School of Medicine
Jul 29-Aug 1, 2010	1.75 CEU	Performing Arts Medicine Association Conference Snowmass, CO
Jul 8, 2010	0.2 CEU	“PT CPI for Students: A self-guided training course APTA Online training
Feb 17-21, 2010	2.1 CEU	APTA Combined Section Meeting San Diego, CA