

**CURRICULUM VITAE
TAMARA L. BURLIS, PT, DPT, CCS**

DATE: June 20, 2023

ADDRESS/TELEPHONE:

Business: Washington University School of Medicine
Program in Physical Therapy
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PRESENT POSITION:

Assistant Director of the Professional Curriculum
Director of Clinical Education
Professor Physical Therapy and Medicine
Program in Physical Therapy
Washington University School of Medicine

EDUCATION:

<u>Degree</u>	<u>Institution</u>	<u>Field</u>	<u>Date(s)</u>
B.A.	Wartburg College Waverly, IA	Biology	1988
B.S.	Washington University St. Louis, MO	Physical Therapy	1988
M.H.S.	Washington University University College St. Louis, MO	Physical Therapy	1993
D.P.T.	Washington University St. Louis, MO	Post-professional DPT	2003

PROFESSIONAL EXPERIENCE:

<u>Position</u>	<u>Institution/Facility</u>	<u>Date(s)</u>
Staff Physical Therapist	Irene Walter Johnson Institute of Rehabilitation Washington University School of Medicine	06/88-12/89
Senior Physical Therapist	Barnes Hospital Washington University School of Medicine St. Louis, MO St. Louis, MO	12/89-02/90
Supervisor of Cardio-Pulmonary PT	Irene Walter Johnson Institute of Rehabilitation Washington University School of Medicine St. Louis, MO	03/90-12/92
Senior Physical Therapist	Barnes Hospital St. Louis, MO	01/93-07/93
Guest Lecturer/Lab Assistant	Washington University School of Medicine Program in Physical Therapy	1988-07/93
Faculty	Washington University School of Medicine Program in Physical Therapy	07/93-present

UNIVERSITY POSITIONS AND COMMITTEES:

Committees/University Service

Washington University

University Sexual Assault Investigation Board	2015-present
MyDay Student Advisory Group	2018-2020

Washington University School of Medicine

Employee Health Fair Screening	1996-1999
Mini Medical School	2005-2010
Minority Career Fair	2008
Health Happenings	2008-present
Distinguished Faculty Awards Committee	2009
Inclusion Institute for Healthcare	2011
Center for Interprofessional Practice and Education (CIPE)	2015-present
Standardized Patient Team Experience	
MD/PT Safe Mobility	
First Year Facilitator IPE events	
Interprofessional Education Poverty Simulation	
CIPE Clinical Learning and Practice Transformation Team	2018-present
CIPE Phase II Planning Committee	2019-present
Faculty Training Co-Coordinator	
Planning Committee Co-chair	2022-present

Academy of Educators	2019-present
Membership Committee	2020-present
Campus Security Authority	2022-present

Program in Physical Therapy

Physical Therapy Council	1997-2003
Faculty Search Committee	2006-2008
	2009-2012
	2014-2016
Chair	2015-2016
	2017-2020
	2021-present
Emergency Response Coordinator	2009-present
Curriculum Renewal-Leadership Coalition	2018-present
Curriculum Mapping Task Force	2018-2019
Curriculum Design Team	2019-present
Curriculum Competencies and EPA Writing Team	2019-present
Program Leadership COVID-19 Planning Committee	2020-present

Professional DPT Curriculum

Committee on Academic and Professional Evaluation of Students (CAPES)	1993-2023
Member	
Chair	2021-2023
Admissions Committee Member	2001-present
Physical Therapist Competency Attainment Committee (PT CAC)	2021-present
Second Year, Written Assessment For Learning Review Committee	2022-present

Clinical Residency in Women’s Health

Admissions Committee Member	2011-present
Accreditation and Curriculum Consultant	

Movement System Clinical Fellowship

Admissions Committee Member	2008-2021
Accreditation and Curriculum Consultant	

Positions

Washington University School of Medicine

Academic Rank

Lecturer	Physical Therapy	06/88-05/93
Instructor	Physical Therapy	05/93-12/05
Assistant Professor	Physical Therapy & Medicine	01/06-06/12
Associate Professor	Physical Therapy & Medicine	07/12-06/17
Professor	Physical Therapy & Medicine	07/17-present

Administrative Position

Director of Clinical Education Physical Therapy 2006-present

Responsibilities: Direction of all processes related to scheduling and matching for clinical practica, integration of didactic work, mentorship and advisement of 88 DPT students annually regarding site selection, management of preceptor competence evaluation, selection of clinical sites and continual development of new sites for student clerkships/internships. Leadership of four faculty team members and administrative coordinator.

Assistant Director of the Professional Curriculum Physical Therapy 2011-present

Responsibilities: Assist in directing all of the processes related to the professional curriculum management, including yearly calendar and class scheduling, program accreditation and student and faculty handbook preparation.

CLINICAL APPOINTMENTS AND RESPONSIBILITIES:

Washington University School of Medicine-Program in Physical Therapy

Barnes Jewish Hospital: Physical Therapist 1988-present

Clinical Responsibilities: direct care of patients with emphasis on cardiovascular and pulmonary conditions, acute care conditions and organ transplantation; past supervisory oversight of the cardiovascular and pulmonary physical therapy division, and current consultation for patients with those conditions

Washington University Physical Therapy Clinics: Physical Therapist 2001-2016

Clinical Responsibilities: direct care of patients with cardiovascular and pulmonary conditions and age and obesity related impairments. Consultative care currently provided.

- Senior Exercise Program, Instructor (1993-1996)
Instructions of group exercise intervention for senior adults
2 hours/week, 10-20 clients/session
- On the Move™, Instructor (1996-2016)
Instructions of group exercise intervention for adults who are obese
1-2 hours/week, 2-10 clients/session
- Musculoskeletal Health Instructor, WUSM Weight Management Program (2000-2016)
Facilitator of one hour education sessions with weight management program clients regarding fitness, physical activity/exercise and overall importance of movement.
1-2 hours/month, 2-8 clients/session

CLINICAL SPECIALIZATION:

Cardiovascular and Pulmonary Board Certified Specialist
American Board of Physical Therapy Specialties
(recertification 2004 & 2014) 02/94-present

CLINICAL FELLOWSHIP:

APTA Education Leadership Institute 8/12-7/13
American Board of Physical Therapy Residency & Fellowships

Washington University Academy of Educators 7/19-present
Fellow

LICENSURE/REGISTRATION:

Missouri # 00017973 1988-present
Original Certificate/License #PT01948

HONORS AND AWARDS:

Barnes-Jewish Hospital 2021
Friends of Rehab Geriatric Residency Award

Saint Louis University
Florence P Kendall Service Award 2018

American Physical Therapy Association
Lucy Blair Service Award 2015

Missouri Physical Therapy Association
Service to the Profession Award 2007
Helen Holzum Whealen Service Award 2012

Cardiovascular & Pulmonary Section
American Physical Therapy Association
Award for Best Poster 2002
Merit Award 2002

Washington University School of Medicine
Program in Physical Therapy
Lorraine F. Lake Award 1993
Program Alumni Award 2001

PROFESSIONAL DESIGNATIONS:

APTA Credentialed Clinical Instructor, Level 1	1998
APTA Credentialed Clinical Instructor Trainer, Level 1 (recert. 2011 and 2014)	2008-present
APTA Advanced Clinical Instructor	2009
APTA Credentialed Clinical Instructor, Level 2	2018
APTA Credentialed Clinical Instructor Trainer, Level 2	2018
Washington University Academy of Educators	2019
Master Interprofessional Educator	2021

GUBERNATORIAL APPOINTMENTS:

Advisory Commission for Professional Physical Therapists	2011-present
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SCIENTIFIC/PROFESSIONAL ORGANIZATIONS MEMBERSHIPS:

American Physical Therapy Association (APTA)

Student Member	1986-1988
Active Member	1989-present

Physical Therapy Journal

Manuscript Reviewer	2015-present
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American Board of Physical Therapy Specialties

Cardiovascular and Pulmonary Content Expert	2002-2022
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Cardiovascular and Pulmonary Specialty Council

Member	1998-2002
Chair	2000-2002

Committee on Clinical Residency and Fellowship Program Accreditation

Reviewer and Site Visitor	2008-present
Credentialing Services Council Member	2010-2014

American Board of Physical Therapy Residencies and Fellowships

Member	2014-2015
Chair Elect	2015-6/17
Chair	6/17-7/18
Member	1/19-6/20

House of Delegates	
Missouri Delegate	2000-2001 2009-2011
Missouri Chief Delegate	2002-2008
Governance Review Task Force	2011-2013
Section Membership	
<u>Section on Cardiovascular and Pulmonary (APTA)</u>	
Member	1989-present
Program Chair	1992-1994
Cardiovascular and Pulmonary Programming Committee Member	1995-2013
Cardiovascular and Pulmonary Section Secretary	2005-2011
Cardiopulmonary Physical Therapy Journal Manuscript Reviewer	2002-2010
<u>Section on Acute Care (APTA)</u>	
Member	1993-present
<u>Education Section (APTA)</u>	
Member	2005-present
Health Disparities Focus Group Member	02/2016
Movement System Summit	12/2016
Movement System Task Analysis Work Group	04/18-12/19
Credentialed Clinical Instructor Program Trainer	
Level 1	4/09-present
Level 2	12/18-present
Clinical Education Strategic Planning Work Group	10/18-2020
Education Leadership Partnership Reactor Panel	2020-present
Competency-Based Physical Therapy Education	
Missouri Physical Therapy Association (MPTA)	
Active Member	1989-present
Student Member	1986-1988
Corresponding Secretary for the Eastern District	1990-1992
Recording Secretary for the Eastern District	1993-1996
Membership Chair	1996-1998
Student Liaison	2001-2005
Vice President	2008-2011
MPTA Conference Committee	2008-2017

Central Area Clinical Education Consortium

Active Member	1993-present
Treasurer	2008-2011
President	2014-2020
Bylaws Chair	2021-present

Physical Therapy Journal

Manuscript Reviewer	2010-present
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Physiotherapy Theory and Practice

Manuscript Reviewer	2018-present
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Federation of State Board of Physical Therapists

Delegate	2022-present
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Other

Basic Life Saving Instructor (CPR-American Red Cross and American Heart Association) 1990-2018	
Advanced Cardiac Life Support (ACLS)	
First Aid Instructor (American Red Cross) 1990-2010	

PROFESSIONAL CONSULTATION:

Beta Test Reviewer for E-line Dynamic Learning Courses Course: Differential Diagnosis for Physical Therapy	2005
Missouri Hospital Association Health Professions Schools Clinical Rotations Task Force	2006-2007
University of Pittsburgh School of Health Professions Cardiovascular and Pulmonary Curriculum	2010
Exercise Physiology Curriculum	2012
Choosing Wisely Initiative Work group member Charge: Develop a list of “5 Things Physical Therapists and Patients Should Question” which is part of the partnership with the American Board of Internal Medicine Foundation in their Choosing Wisely campaign.	2014-2015
Southwestern Illinois College Physical Therapist Assistant Program	2015
Mekelle University, Ethiopia Bachelor to Masters Physical Therapy Curriculum	2014-2015
Masters Physical Therapy Curriculum	2017
Medcom, Inc. The Physical Therapist’s Role in Fighting the Obesity Epidemic	2016

GRANTS AND EXTRAMURAL FUNDING:

Co-Investigator

Self-Reported Measurement of Heart Rate and Blood Pressure in Physical Therapy

PI: Ethel Frese

Source: Beaumont Faculty Development Fund Award

Saint Louis University

January 31, 2002-June 30, 2002

\$4,623.13

Consultant; American Board of Physical Therapy Specialties (ABPTS) Certified Cardiovascular and Pulmonary Specialist

Worksite Opportunities for Wellness

PI: Susan B. Racette, PhD

Source: CDC; RO1 CD 000056

October 1, 2004-September 30, 2007

\$750,000

Consultant; ABPTS certified Cardiovascular and Pulmonary Specialist

Nourishing an Urban Community I

PI: Susan Racette, PhD

Washington University Institute for Public Health; Interdisciplinary Public Health Projects

7/1/09-12/31/2011

\$20,000

Consultant; ABPTS Certified Cardiovascular and Pulmonary Specialist

Nourishing an Urban Community II

PI: Susan Racette, PhD

St. Louis Community University Health Research Partnerships

St. Louis Regional Health Commission

10/1/10-3/31/2013

\$200,000

Consultant; ABPTS Certified Cardiovascular and Pulmonary Specialist

Physical Activity for Campus Employees

PI: Susan Racette, PhD and Carling Butler, SPT

Sources: TL1 Pre doctoral scholar funding and internal funding, Program in Physical

TL1 RR024995 (Evanoff, B), NIH / NCCR, 09/17/07-05/31/12

Co-PI

Best Practices for Clinical Instructors

Co-PIs: Tamara Burlis, DPT; Carol Beckel, PhD; Ann Fick, PT, DPT

Sources: Physical Therapy Program Internal Funding Pilot Grant

Washington University School of Medicine Program in Physical Therapy

2013-2014

\$1,600

Co-PI

Fall Prevention in Patients with Pulmonary Disease. Does it Work?

Co-PIs: Tamara Burlis, DPT; Heidi Tymkew, DPT

Sources: Physical Therapy Program Internal Funding Pilot Grant

Washington University School of Medicine Program in Physical Therapy

2016-2017

\$1,215

PUBLICATIONS:

Manuscripts

Mitchell CA, **Versluis TL**. Management of an Above-Knee Amputee with Complex Medical Problems Using the Cat-Cam Prosthesis. *Physical Therapy*.1990;70:389-393.

Calhoun K, **Burlis TL**, Piquard S. Lung volume reduction surgery: a review. *Cardiopulmonary Physical Therapy*. 1996;7(4):12-14.

Frese EM, Richter RR, **Burlis TL**. Self reported measurement of heart rate and blood pressure in physical therapy. *Physical Therapy*. 2002;82:1192-1200.

Burlis TL. Lung volume reduction surgery: a case study. *Cardiopulmonary Physical Therapy*. 1996;7(4):15-17.

Burlis TL. The Obesity Factor. *Physical Therapy Products*. 2006;Jan/Feb:32-36.

Racette SB, Deusinger SS, Inman CI, **Burlis TL**, Highstein GR, Buskirk TD, Steger-May K, Peterson LR. Worksite Opportunities for Wellness (WOW): Effects on cardiovascular disease risk factors after 1 year. *Prev Med*. 2009;49:108-114.

Butler CE, Clark BR, **Burlis TL**, Castillo JC Racette SB. Physical Activity for Campus Employees: A university worksite wellness program. *J Phys Act Health*. 2015;12(4).

Deusinger SS, Crouner B, **Burlis TL**, Crouner B, Stith J. Meeting Contemporary Expectations for Physical Therapists: Imperatives, Challenges, and Proposed Solutions for Professional Education. *J Phys Ther Educ*. 2014; 28(1): 56-61.

Clark BR, White ML, Royer NK, **Burlis TL**, DuPont NC, Wallendorf M, Racette SB. Obesity and Aerobic Fitness among Urban Public School Students in Elementary, Middle, and High School. *PLOS ONE*. 2015 Sep 17;10(9):e0138175. doi: 10.1371/journal.pone.0138175. eCollection 2015. PMID: 26378914

Tymkew HT, **Burlis TL**, Baidy M, Bennett D, Hooper S, Lediner M, Morgan-Walker H, Sylvester L, Swafford D, Arroyo C. Balance training in pulmonary rehabilitation to reduce fall risk. *Cardio Phys Ther J*. 2018.

Wren M, **Burlis TL**. An innovative experiential activity using physical therapy students to teach medical students how to safely handle patients. *J of Interprofessional Education & Practice*. December 2019. <https://doi.org/10.1016/j.xjep.2019.100309>.

Lauren East MD, Alison Stevens PharmD, BCPS, Heather Hageman MBA, Monica Perlmutter OTD, OTR/L, SCLV, FAOTA, **Tamara Burlis PT, DPT, CCS**, Dennis Chang MD, Angela McConachie DNP, FNP-MSN, RN, Janice Hanson PhD, EdS, MH. Validity of a feedback tool for an interprofessional standardized patient experience: A qualitative pilot study. *Medical Science Educator*. Submitted for publication May 2023.

Ambler, Steven B, **Burlis, Tamara L**, Clark, B. Ruth, Holtzman, Gregory W, Navarro McGee, Patricia, Frost, Jody S, Randolph, Jessica L, Norton, Barbara J, Holleran, Carey L. Development of domains of competence and competencies for physical therapist education: societal and interprofessional considerations. *J Phys Ther*. Submitted for publication June 2023.

Abstracts

Weis, J, **Versluis TL**, Dixon K, Deusinger S. Use of an Open Lab to Facilitate Independent Learning. *Physical Therapy*. 1989;69(5):170.

Conner BA, Malen JF, **Versluis TL**. "Pre-Operative Physical Therapy Management of the Lung Transplant Candidate. APTA Annual Conference, Anaheim, CA, 1990 and Combined Sections APTA Conference, Orlando, FL 1991.

Versluis TL, Conner BA, McDonnell MK. "Post-Operative Treatment for the Lung Transplant Patient" presented to APTA Annual Conference, Anaheim, CA, 1990 and Combined Sections APTA Conference, Orlando, FL 1991.

Malen JF, Biggar DG, Kaiser LR, **Versluis TL**, Line LJ, Cooper JD. "Pre and Post Operative Pulmonary Rehabilitation and Development of a Specialized Post-Operative Care Unit for Thoracic Surgery Patients" presented to 3rd International Conference for Pulmonary Rehabilitation and Long Term Mechanical Ventilation, Denver, CO 1991.

Barksdale L, Sly C, Fick A, Piquard S, **Versluis TL**, Walsh K. Developing a Clinical Career Ladder. *Physical Therapy*. 1992;72(6).

Altermatt DK, **Versluis TL**, Brown M. Well-Elderly Activity Works. *Physical Therapy*. 1994;74(5).

Versluis TL, Kohne PL, Altermatt DK. Medical/Surgical Physical Therapy Diagnosis: Interrater Reliability. *Physical Therapy*. 1994;74(5)Suppl.

Altermatt DK, Kohne PL, **Versluis TL**. The Development and Implementation of an Acute Care Classification System. *Physical Therapy*. 1994;74(5)Suppl.

Piquard S, Calhoun K, **Versluis T**. "Post-Operative Care of Lung Volume Reduction

Patients" presented to APTA CSM, Atlanta, GA 1995.

Frese E, **Burlis TL**, Norton BJ. Reliability of Vital Sign Measurements and Classification of Patients for Physical Therapy Management. *Physical Therapy*. 1997;76(5).

Frese E, Richter R, **Burlis TL**. Self Reported Measurement of Heart Rate and Blood Pressure in Physical Therapy. CSM Conference of the APTA. February 2002.

Cornbleet SL, Caldwell CA, **Burlis TL**, Strecker SK. Clinical Performance Instrument: Analysis of Item Ratings and Evaluation of Grading Criteria. CSM Conference of the APTA. February 2003.

Burlis TL, Siener CA, Deusinger SS, et al. Physical Therapy Examination and intervention for clients having Bariatric Surgery. CSM Conference of the APTA, February 2003.

Burlis TL, Siener CA, Deusinger SS, Marin D, Eagon JC, Deusinger RH. Physical Therapy Examination and Intervention for Clients Having Bariatric Surgery. Section on Acute Care Newsletter. Spring 2003.

Burlis TL. Tymkew H, Fick A, Frese E, Richter RR. Does an education program improve the frequency and appropriateness of heart rate and blood pressure measurements by physical therapists in an acute care setting? APTA Annual Conference. June 2006.

Racette SB, Deusinger SS, Inman CL, **Burlis T**, Highstein GR, Thompson PA. Worksite Opportunities for Wellness (WOW): A Novel Worksite Program to Promote Physical Activity. *International Congress on Physical Activity and Public Health*. Atlanta. 2006.

Racette SB, Deusinger SS, Inman CL, Highstein GR, Thompson PA, **Burlis TL**. Worksite Opportunities for Wellness (WOW): a Promising Approach for Improving BMI and Fitness Among Employees. Presented at the 53rd Annual Meeting of the American College of Sports Medicine, Denver, CO, June 2006. *Med Sci Sports Exerc*. 2006;38(5)Suppl:S120.

Racette SB, Deusinger SS, Inman CL, **Burlis T**, Highstein GR. Worksite Opportunities for Wellness (WOW): Improvements in BMI and Cardiovascular Disease Risk Factors After 1 Year. Presented at the NAASO Obesity Society Meeting, Boston, MA, October 2006. *Obes Res*. 2006;14(Suppl).

Racette S, Deusinger S, Inman C, **Burlis T**, Highstein G, Steger-May K. Worksite Opportunities for Wellness (WOW): Improvements in Dietary and Physical Activity Patterns During 1 Year of Intervention. NAASO Obesity Society Meeting. *Obesity*. 2007;15(Suppl):A164.

Racette S, Deusinger S, Inman C, **Burlis T**, Highstein G, White N, Buskirk T. Worksite Opportunities for Wellness (WOW): Effects on Cardiovascular Disease Risk Factors during a 2-Year Period. Presented at the NAASO Obesity Society Meeting. *Obesity*. 2007;15(Suppl):A223.

Smith JL, **Burlis T**. Guillain-Barre Syndrome-Prognostic Indicators and their Potential Influence on a Patient's Recovery: A Case Report. Presented at the MPTA State Conference.

April 2007.

Kiyonaga JI, **Burlis TL**. Efficacy of Body-Weight Supported Treadmill Training with Robotic Legs. Presented at the Missouri Physical Therapy Association Meeting. April 2010.

Burlis TL, Deusinger SS. Developing Professional Behavior & Critical Thinking through Collegial Interchange in DPT Education. Presented at Education Leadership Conference. October 2011.

Castillo JC, Clark BR, **Burlis TL**, Racette SB. Evaluation of in-school physical activity and cardiovascular disease risk factors in urban children. Presented at APTA Combined Sections Meeting 2013.

Butler C, Clark BR, **Burlis TL**, Racette SB. Impact of a Worksite Wellness Program on Physical Activity and Cardiovascular Disease Risk Factors. Presented at APTA Combined Sections Meeting 2013.

Smith S, **Burlis TL**. Treatment of Intensive Care Unit-Acquired Weakness (ICU_AW) Due to Prolonged Mechanical Ventilation after Cardiovascular and Pulmonary Surgery. Presented at APTA Combined Sections Meeting 2014.

Beckel C, **Burlis TL**, Fick AW. Clinical Faculty Perspectives on Best Practices for Physical Therapist Clinical Education. Presented at MPTA State Meeting April 2015.

Tymkew H, **Burlis TL**. Balance Deficits in Pulmonary Rehabilitation. Presented at Barnes Jewish Hospital Research Conference. St. Louis, October 2015.

Tymkew H, **Burlis TL**. Balance Deficits in Pulmonary Rehabilitation. Presented at APTA Combined Sections Meeting 2016.

Wren M, **Burlis TL**. An experiential interprofessional activity to teach medical student how to safely handle patients. Presented at CGEA Spring Meeting, Chicago, IL, 2017.

Tymkew H, **Burlis TL**. "Fall prevention in patients with pulmonary disease. Does it work?" Presented at the APTA Combined Sections Meeting, New Orleans, LA, 2018.

Ambler SB, **Burlis T**, Earhart GE, Holleran CL, Norton BJ. Transforming society through competency-based physical therapy education. Accepted Education Leadership Conference. Milwaukee, WI 2020.

Ambler SB, **Burlis TL**, Clark BR, Holtzman GW, McGee PN, Randolph JL, Norton BJ. Development of domains of competence and competencies for professional DPT education. Accepted Education Leadership Conference. Milwaukee, WI 2020.

Ambler SB, **Burlis TL**, Clark BR, Holtzman GW, McGee PN, Randolph JL, Norton BJ. Transforming society through competency-based physical therapist education II: Moving from theory to practice. Accepted Education Leadership Conference. Atlanta, GA 2021.

East L, **Burlis TL**, Chang D, Hageman H, Hanson J, McConachie A, Pearlmutter M, Stevens A. Validity of a feedback tool for a standardized patient experience: A pilot study. Nexus Summit 2021.

Ambler SB, **Burlis TL**, Clark BR, Holtzman GW, McGee PN, Randolph JL, Norton BJ. Transforming society through competency-based physical therapist education: Implementation and Adaptive Learning. Accepted Education Leadership Conference. Milwaukee, WI 2022.

Books/Chapters

Burlis TL, Downs AM. Thoracic Organ Transplantation: Heart, Heart-Lung and Lung. In: Essentials of Cardiopulmonary Physical Therapy, second edition, WB Saunders, 2001.

Burlis TL, Downs AM, DiPerna C. Thoracic Organ Transplantation: Heart, Heart-Lung and Lung. In: Essentials of Cardiopulmonary Physical Therapy, third edition, Elsevier, 2011.

Burlis TL, Downs AM, DiPerna C. Thoracic Organ Transplantation: Heart and Lung. In: Essentials of Cardiopulmonary Physical Therapy, fourth edition, Elsevier, 2015. Goodman CC, Fuller KS. Pathology: Implications for the Physical Therapist. 3rd ed. St. Louis, MO: Saunders; 2009. (Reviewers) **Burlis TL**, Deusinger SS. Chapter 2: Introduction to Concepts of Pathology: Obesity. Pgs. 32–39.

Goodman CC, Fuller KS. Pathology: Implications for the Physical Therapist. 4th ed. St. Louis, MO: Saunders; 2015. **Burlis TL**, Deusinger SS. Chapter 2: Behavioral, Social and Environmental Factors Contributing to Disease and Dysfunction: Pgs. 16-52.

Commentaries

Cornbleet S, **Burlis T**, Crowner B, Caldwell C. Letter to Editor entitled “The Prize and the Prejudice.” *Pediatric Physical Therapy*. 2003; 15(4):263.

TEACHING RESPONSIBILITIES:

Current Teaching Responsibilities

Professional Clinical Doctorate (DPT) Curriculum (WUSM)

Professionalism Thread Lead 2021-present
Module 1-Module 2 Lecturer and Lab Assistant
Module 5 Module Team member, Lecturer and Lab Assistant
Module 6- Module Team member, Lecturer and Lab Assistant

Professional Skills & Development IV (P.T. 655)
Course Master: 2004-2023
4 credit hours

Health, Fitness & Prevention (P.T. 653)
Lecturer & Examiner: 2004-2012, 2017-2023
Course Master: 2013-2016
3 credit hours

Clinical Experience I (P.T. 691), II (P.T. 692), III (P.T. 693), IV (P.T. 694)
Course Master: 2006-present
4-6 credit hours

Post Professional Movement System Fellowship (WUSM)

Screening for Medical Conditions Unit
Unit Coordinator and Lecturer 2008-present
Class Size: 4-8 students

Post-Professional Clinical Doctorate (WUSM)

Issues in Screening & Management of General Medical Conditions (M22-710)
Course Master and Lecturer: 1995-2014
3 credit hours

Diagnosis & Management of Cardiopulmonary Conditions (M22-720)
Course Master and Lecturer: 1995-2014
3 credit hours

Independent Study (M22 P.T. 500) Advisement
Advisor
3 credit hours

Angela Connell: Literature Review of the Evidence Linking Abdominal Obesity, Low Back Pain, and Exercise Management, 2006

Anthony Kinney: The Effect of Cancer Therapies on Muscle Tissue: Implications for Physical Therapy, 2006

Stacy Vielhaber: Lymphedema: An Analysis of Current Diagnostic and Treatment Strategies, 2007

Capstone (M22 P.T. 510)
Advisor
1995-2014
3-6 credit hours

Nina Withrington: Exercise and DVT Prevention after Coronary Artery Bypass Grafting, 2007

Yvonne Gagliano: The Impact of Obesity in a Client Presenting with Superior Humeral Glide and Scapula Abduction, 2007

Jason Barbas: Development of a Battery of Therapeutic Outcome Measures Used with Patients Diagnosed with Pulmonary Disease, 2009

Emilie Schmidt: The Efficacy of Mirror Therapy in the Treatment of Phantom Limb Pain, 2010

Tailletha McClinton: Physical Therapy Considerations in Patient Status-Post Coronary Artery Bypass Graft and Recent Total Knee Replacement, 2010

Julie Stelling: Physical Therapy Interventions for the old-old: Strength and Balance Training to Reduce Fall Risk in Geriatrics Over 80 Years, 2011

Merri Leigh Johnson: A Case Report: Physical and Functional Recovery in the Acute Rehabilitation Setting of a Female with Acquired Quadriplegia after Prolonged Critical Illness and Intensive Care Unit Stay, 2012

Amy Borg: Rare case of gas gangrene and necrotizing fasciitis in a non-vascular compromised otherwise healthy 16 year old, 2012

Cathy Mitchell: Physical Therapy Considerations in a Patient with Interstitial Lung Disease, 2012

Geoffe Nelle: Use of the Rate of Perceived Exertion Scale in Patients Who are Mechanically Ventilated, 2012

Samantha Brown: Fatigue in Rheumatoid Arthritis: An Examination of Two Cases, 2014

Occupational Therapy Clinical Doctorate Program (WUSM)

Ryan Jackson: Upper Extremity Strength and Endurance Training for Non-Driving Individuals with Tetraplegia, 2014

Past Teaching Responsibilities

Participation in and coordination of lecture and laboratory courses focused on basic science courses, pathophysiology of acute care conditions and patient care management. (1988-2022). In addition, courses related to professional and legislative issues related to physical therapy (1988-2023)

Other

Guest Lecturer, Saint Louis University School of Allied Health
Guest Lecturer, Washington University Program in Occupational Therapy

CONTINUING EDUCATION PROVIDED:

Medical Conferences

Mekelle University, Ethiopia

Presentations:

The Use of Clinical Outcome Measures in Physical Therapy

Early Mobility in the Acute Care Setting: Benefits and Barriers

May 16-24, 2014

Topic: Cardiovascular & Acute Care Practice

Functional Limitations for Patients Awaiting Solid Organ Transplant

Mid-America Transplant, St. Louis, MO

November 2017

Asthma and COPD

Asthma Support Group, St. Louis, MOM

October 2017

Chest Trauma

Examination and Diagnosis: The Acute Care Setting

Physical Therapy: Role in Prevention and Treatment of Immobility/Bed Rest

Mekelle University, Mekelle, Ethiopia

July 17-21, 2017

Physical Therapy in the Community: Prevention Where We Live, Learn, Work, and Play

APTA Combined Sections Meeting-Educational session

February 2017

Diagnosis Dialog for Cardiovascular & Pulmonary and Women's Health Physical Therapists

APTA Combined Sections Meeting-Educational session

February 2012

Diagnosis Dialog for Cardiovascular & Pulmonary Physical Therapists

APTA Combined Sections Meeting-Educational session

February 2011

Case Study Summary Cardiovascular and Pulmonary and Geriatric Specialty in Physical Therapy Practice

APTA Combined Sections Meeting-Educational session

February 2007

Congestive Heart Failure

BJC Healthcare System

St. Louis, MO

June 25, 2000

Cardiac Implications for the Client in Physical Therapy
MPTA Fall Meeting
St. Louis, MO
October 22, 1999

Cardiopulmonary Considerations for the Rehabilitation Patient
Pittsburgh, PA
January 8-10, 1999

Rehabilitation-Optimizing the Patient's Outcome
American Heart Association
Evansville, IN
October 20, 1996

Cardiopulmonary Diagnosis and Classification: One System's Approach
APTA Combined Sections Meeting
1995

Topic: Organ Transplantation

Renal Transplantation-History, Medical Picture, and Implications for the Physical Therapist
BJC Healthcare System
St. Louis, MO
May 2001

Liver and Bone Marrow Transplantation -History, Medical Picture, and Implications for
the Physical Therapist
BJC Healthcare System
St. Louis, MO
June 2001

Transplantation: Physiological Responses & PT Interventions in Clients Following Organ
Transplantation
Physical Therapy 2001: Annual Conference and Exposition
June 2001

Panel Discussion-Heart and Lung Transplantation
APTA Combined Sections Meeting
February 1995

Musculoskeletal Evaluation of the Lung Transplant Patient Lung Transplant Seminar
Conference
Washington University School of Medicine
October 1990

Topic: Burn Care and Physical Therapy Management

Thermal Injuries: Role of Physical Therapy
Mekelle University, Mekelle, Ethiopia
July 17-21, 2017

Treatment of Second and Third Degree Burns: A Synopsis
APTA Combined Sections Meeting
1994

Topic: Physical Therapy Practice

American Board of Physical Therapy Residencies and Fellowship: 102
APTA PT Next
June 2015, 2016

The Vision of Physical Therapy Services in the Emergency Department: Making it a Reality
APTA Combined Sections Meeting-Educational session
February 2012

Diagnosis Dialog: In patients with multi-system involvement-What labels should we use?
APTA Combined Sections Meeting-Educational session
February 2012

Missouri Physical Therapy Association: Looking Back & Moving Forward into 2010
Kansas City
May 2010

Presentation of Complex Patient Cases: Management Discussion with Clinical Specialists
PT07
Annual Conference
June 2007

Super Heroes
St. Louis Science Center
June 2007

Discussion of Current Issues Facing the APTA and MPTA
EDMPTA
St. Louis, MO
May 9, 2000, 2001 and May 9, 2006

Aerobic Exercise: What, Where and How to Begin
St. Louis Science Center
August 2006

Aerobic Exercise: Progression of the What, Where and How to Begin
St. Louis Science Center

October 2006

General Principles of Fitness Programming and Exercise Prescription for the Client/Patient Beginning in Subacute Care
Washington University Program in Occupational Therapy
October 2006

Rehabilitation-Optimizing the Patient's Outcome
American Heart Association Meeting
Indiana
1996

Topic: Obesity and Exercise

Implications of Obesity: Role of the Physical Therapy Practitioner
St. Louis University
2008-present

The Role of Physical and Occupational Therapists in Promoting Safe Mobility, Activity and Exercise through the Continuum of Care
Aurora Health Care
Milwaukee, WI
August 24-25, 2012

Management of Obesity: Physical and Occupational Therapy
Barnes Jewish Hospital
2009-2011

Physical Therapy for the Client Pre and Post-Operative Care Following Bariatric Surgery
APTA Audioconference
April 2010

Promoting Health and Fitness for Obese Adults via Group Exercise Formats
APTA's Combined Section Meeting
February 2009

Management of Obesity: Physical and Occupational Therapy
Barnes Jewish Hospital
October 2006

Implications of Obesity: Role of the Physical Therapy Practitioner
Tulsa, OK
April 2006

Roux En Y & Physical Therapy: Pre and Post-Operative Management: Laproscopic Gastric Bypass in a Cadaver Model
Washington University School of Medicine

April 2002, September 2002, April 2003, September 2003, March 2004, March 2005

Exercise for Patients Who Are Morbidly Obese
Fundamentals of Bariatric Surgery. Endo-Surgery Institute
March 2004, March 2005

Implications of Obesity: Role of the Physical and Occupational Therapy Practitioner
Mobile Infirmery/Voran Therapy
Mobile, AL, May 2005

Functional Implications and Exercise Prescription for Adults Who are Obese
APTA's PT2005
June 2005

Managing Physical Activity in the Obese
Program in Physical Therapy, Washington University School of Medicine
September 1997

Topic: Occupational Therapy

General Principles of Fitness Programming
Program in Occupational Therapy
Washington University School of Medicine
May 2007, June 2008-2012

Exercise Prescription for the Client/Medicare Patient Beginning in Subacute Care
Program in Occupational Therapy
Washington University School of Medicine
May 2006-2009

The Role of Occupational Therapy in Obesity
Program in Occupational Therapy
November 2006-present

Topic: Well Elderly Activity & Exercise

"Well Elderly Activity Works"
Program in Physical Therapy, Washington University School of Medicine
September 1996

Topic: Clinical Education

Building an All Star Facility Line-up
MPTA State Meeting
St. Louis, MO
April 2017

Best Practice in Clinical Education: Beyond the Summit
MPTA State Meeting
St. Louis, MO
April 2015

Clinical Education
EDMPTA Meeting
St. Louis, MO
November 2014

Clinical Education Technologies: Practical Lessons and Tips
PT 2012
Tampa, FL
June 2012

Collaboration in the Clinical Setting: Use of the 2:1 Model
Barnes Jewish Hospital
February 2012

APTA's Clinical Instructor Credentialing Program, Level 1
St. Louis, MO
November 2008, June 2009, November 2009, June 2010, November 2010, November
2011-2017, May 2021
Springfield, MO
June 2017

APTA's Clinical Instructor Credentialing Program, Level 2
St. Louis, MO
November 2019
Columbia, MO
June 2019

Innovative Ways to Engage Students
Barnes Jewish Hospital
February 2007

CONTINUING EDUCATION/CONFERENCES:

Conferences Attended

Movement System Summit (invited attendee)
American Physical Therapy Association
December 2016

Clinical Education Summit
Academic Council of Academic Physical Therapy (ACAPT)
October 2014

Educational Leadership Conference
American Physical Therapy Association
2008-present

North American Association for the Study of Obesity (NAASO)
2004

Combined Sections Meeting
American Physical Therapy Association
1999-present

National Clinical Education Conference
American Physical Therapy Association
1998, 2004

Annual Scientific Meeting
American Physical Therapy Association
1998-present

Continuing Education Attended

General Medical Topics: Courses attended related to wound care, screening for medical disease, early rehabilitation for the critically ill patient, optimizing patient outcomes and medical advances in the care of the elderly.

Cardiovascular & Pulmonary Topics: Courses attended related to Left Ventricular Assistant Devices, EKG interpretation for the physical therapist, oxygen therapy and mechanical ventilation, evaluation and treatment of the pulmonary and cardiovascular systems across healthcare settings.

Obesity Topics: Courses attended related to nutrition and the impact of obesity on individuals across body systems, age ranges and within the medical system and urban communities.

Health Care Administration and Leadership Topics: Courses attended related to leadership and professionalism within the healthcare setting, specific training related to professionalism, OSHA, HIPAA, billing compliance and establishing niche practice settings.

Clinical Education Topics: Courses attended related to understanding the relationship between academic and clinical facilities and how to establish excellent partnerships and mentoring settings. In addition, clinical instructor and advanced credentialing programs completed.

Orthopedic Practice Topics: Courses attended related to diagnosis and treatment of musculoskeletal impairments in patients across the age spectrum.

COMMUNITY AND SERVICE ACTIVITY:

Community Activities

Parkway Central School District Parent Teacher Organization (PTO) member	2003-2017
Girl Scouts of Eastern Missouri Assistant Troop leader & member	2003-2015
Ascension Athletics Assistant Soccer Coach	2004-2011
Boy Scouts of America New Horizons District member Merit Badge counselor Cub Scout leader	2008-2020 2010-present 2008-2010
Lord of Life Lutheran Church Member	2009-present