Allyn M Bove, PT, DPT, PhD

Assistant Professor, Department of Physical Therapy

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Education

Ph.D., Rehabilitation Science 2020

University of Pittsburgh School of Health and Rehabilitation Sciences, Pittsburgh PA

Certificate in Health Equity 2015

University of Pittsburgh Graduate School of Public Health, Pittsburgh PA

Doctor of Physical Therapy (conferred with highest academic distinction) 2010

Columbia University, New York NY

Bachelor of Science, Biology; Bachelor of Science; Health Sciences (summa cum laude) 2007

Duquesne University, Pittsburgh PA

Professional Licenses

Physical Therapist: Pennsylvania, license # PT020614 2010-present

Direct Access: Pennsylvania, license # DAPT002597 2012-present

Academic Appointments & Positions

Assistant Professor, Department of Physical Therapy 2015-present

University of Pittsburgh School of Health and Rehabilitation Sciences, Pittsburgh PA

Teaching Fellow and Research Assistant, Department of Physical Therapy 2012-2014

University of Pittsburgh School of Health and Rehabilitation Sciences, Pittsburgh PA

Adjunct Clinical Instructor, Department of Physical Therapy 2011-2012

Chatham University, Pittsburgh PA

Clinical Experience

Physical Therapist, Outpatient (Orthopaedics, Geriatrics)	2010-present
Pivot Physical Therapy, formerly Allegheny Chesapeake, Pittsburgh PA	
Physical Therapist, Home Health	2017-2021
Advantage Home Health Services, Pittsburgh PA	
Physical Therapist, Acute Care and Inpatient Rehabilitation	2010-2016
Canonsburg Hospital, Allegheny Health Network, Canonsburg PA	
Physical Therapist, Subacute Rehabilitation/Skilled Nursing Facility	2011-2015
ManorCare Health Services, Pittsburgh PA	

Peer-Reviewed Publications

- 1. **Susko AM**, Fitzgerald GK. The pain-relieving qualities of exercise in knee osteoarthritis. *Open Access Rheumatol* 2013 Oct;5:81-91.
- Khoja SS, Susko AM, Josbeno DA, Piva SR, Fitzgerald GK. Comparing physical activity programs for managing osteoarthritis in overweight or obese patients. *Journal of Comp Eff Res* 2014 May;3(3):283-99.
- 3. Piva SR, **Susko AM**, Khoja SS, Josbeno DA, Fitzgerald GK, Toledo F. Links between osteoarthritis and diabetes and implications for management from a physical activity perspective. *Clinics in Geriatric Medicine* 2015 Feb;31(1):67-87.
- Bove AM, Lynch AD, Depaul SM, Terhorst LA, Irrgang JJ, Fitzgerald GK. Test-retest reliability of ratings of perceived exertion and agreement with 1-repetition maximum in adults. *Journal of Orthopaedic and Sports Physical Therapy* 2016 Sep;46(9):768-74.
- 5. **Bove AM**, Clohisy J, DeWitt J, DiStasi S, Enseki K, Harris-Hayes M, Lewis CL, Reiman MP, Ryan JM. Cost-effectiveness analysis of hip arthroscopic surgery and structured rehabilitation alone in individuals with hip labral tears: letter to the editor. *American Journal of Sports Medicine* 2017 Mar;45(3):NP1-NP2.
- 6. **Bove AM**, Baker NA, Livengood H, King V, Mancino JF, Popchak AJ, Fitzgerald GK. Task-specific training for adults with chronic knee pain: a case series. *Journal of Orthopaedic and Sports Physical Therapy* 2017 Aug;47(8):548-56.
- 7. **Bove AM,** Smith KJ, Bise CG, Fritz JM, Childs J, Brennan GP, Abbott JH, Fitzgerald GK. Exercise, manual therapy, and booster sessions in knee osteoarthritis: cost-effectiveness analysis from a multicenter randomized controlled trial. *Physical Therapy* 2018 Jan;98(1):16-27.
- 8. **Bove AM,** Lynch AD, Ammendolia C, Schneider M. Patients' experience with non-surgical treatment for lumbar spinal stenosis: a qualitative study. *Spine J* 2018 Apr;18(4):639-47.
- 9. Lynch AD, **Bove AM**, Ammendolia C, Schneider M. Individuals with lumbar spinal stenosis seek education and care focused on self-management results of focus groups among participants enrolled in a randomized controlled trial. *Spine J* 2018 Aug;18(8):1303-1312.

- 10. Vaudreuil N, McGlaston T, Gulledge C, **Bove AM**, Klatt BA. Performance milestones in post-operative physical therapy after total hip arthroplasty: impact on length of stay and discharge destination. *Current Orthopaedic Practice* 2018 Jul/Aug;29(4):308-315.
- 11. **Bove AM,** Gough ST, Hausmann LRM. Providing no-cost transport to patients in an underserved area: impact on access to physical therapy. *Physiotherapy Theory and Practice* 2019 Jul;35(7):645-650.
- 12. Vaudreuil N, Gulledge C, McGlaston T, **Bove AM**, Klatt BA. Ambulation milestones in post-operative physical therapy after total knee arthroplasty: how can we improve short-term outcomes? *Physiotherapy Theory and Practice* 2019 Dec 18;1-7.
- 13. McCarthy AE, **Bove AM**, Piva SR, Person Mecca L, Schneider MJ. A qualitative study of preparation for lumbar spinal stenosis surgery: perceptions of patients and physical therapists. *J Orthop Sports Phys Ther* 2020 Apr;50(4):198-205.
- 14. Harris-Hayes M, Steger-May K, **Bove AM**, Foster SN, Mueller MJ, Clohisy JC, Fitzgerald GK. Movement pattern training compared with standard strengthening and flexibility among patients with hip-related groin pain: results of a pilot multicenter randomized clinical trial. *BMJ Open Sport & Exercise Medicine* 2020;6:e000707.
- 15. Harris-Hayes M, Steger-May K, **Bove AM**, Mueller MJ, Clohisy JC, Fitzgerald GK. One-year outcomes following physical therapist-led intervention for chronic hip-related groin pain: ancillary analysis of a pilot multicenter randomized clinical trial. *J Orthopaedic Res* 2021 Jan 17.
- 16. **Bove AM,** Dong ER, Hausmann LRM, Piva SR, Brach JS, Lewis A, Fitzgerald GK. Exploring race differences in satisfaction with rehabilitation following total knee arthroplasty: a qualitative study. *J Gerontol A Biol Med Sci* 2021 May 11 [online ahead of print].
- 17. **Bove AM**, Hausmann LRM, Piva SR, Brach JS, Lewis A, Fitzgerald GK. Race differences in physical function and physical therapy utilization following total knee arthroplasty. *Arthritis Care Res* 2022 Jan;74(1):79-88.
- 18. **Bove AM**, Porter J, Sayeed A, Smith C, Klatt BA. The role of socioeconomic status, race, and gender in patient-reported outcomes following total hip arthroplasty. *J Health Disparities Res Pract* 2022 [in press].

Manuscripts in Preparation/Under Review

1. **Bove AM**, Ross H, Dong ER, Kennedy V. Physical therapy students' comfort treating patients of diverse backgrounds. [In preparation.]

Peer-Reviewed Scientific and Professional Presentations

Platform Presentations

- 1. Bove AM, Smith KJ, Bise C, Fritz JM, Childs JD, Brennan G, Abbott JH, Fitzgerald GK. What is the Most Cost-Effective Physical Therapy Strategy to Treat Knee Osteoarthritis? Presented at American College of Rheumatology Annual Meeting. November 2015, San Francisco, California. (Received award for Exemplary Abstract from Association of Rheumatology Health Professionals.)
- 2. **Bove AM.** Does Eliminating Transportation Barriers Improve Access to Physical Therapy in an Underserved Population? Presented at American Physical Therapy Association Combined Sections Meeting. February 2016, Anaheim, California.
- 3. Greco N, Wilson A, Hankins M, **Bove AM**, Klatt B. A simple technique to screen dental disease in arthroplasty: do race/income play a role in dental care? Presented at Pennsylvania Orthopaedic Society Annual Scientific Meeting. October 2016, Pittsburgh, Pennsylvania.
- 4. **Bove AM,** Lynch AD, Schneider MJ. Factors Influencing Adherence to Non-Surgical Treatment for Individuals with Lumbar Spinal Stenosis: a Qualitative Study. Presented at American Physical Therapy Association Combined Sections Meeting. February 2017, San Antonio, Texas.
- 5. **Bove AM,** Gulledge C, Vaudreuil N, McGlaston T, Klatt B. Determining Performance in Physical Therapy on Post-Operative Day Zero after Total Knee Arthroplasty. Presented at American Physical Therapy Association Combined Sections Meeting. February 2017, San Antonio, Texas.
- 6. Klatt B, Vaudreuil N, McGlaston T, Gulledge C, **Bove AM.** Effects of Physical Therapy on Post-Operative Day Zero after Total Hip Arthroplasty. Presented at American Physical Therapy Association Combined Sections Meeting. February 2017, San Antonio, Texas.
- 7. Brain J, Joseph G, McCullough A, **Bove AM.** Multidisciplinary care at the Birmingham Free Clinic Providing Optimal Patient Care through a Collaborative Approach. Presented at the PT Pro Bono Network Eastern Conference. March 2020, Philadelphia, Pennsylvania.
- 8. Cancilla L, Wells M, O'Connor E, Forsythe F, Virag B, **Bove AM.** Students taking the lead in service and pro bono care: addressing community needs and a changing DPT program. Presented at the PT Pro Bono Network Virtual Conference. November 2020, Philadelphia, Pennsylvania.
- 9. Bove AM, Hausmann LRM, Piva SR, Brach JS, Lewis A, Fitzgerald GK. Race differences in physical function and post-acute physical therapy utilization following total knee arthroplasty. Presented at American Physical Therapy Association Combined Sections Meeting. February 2021. (Conference held virtually due to COVID-19 pandemic.)

Poster Presentations

1. **Susko AM**, Depaul SM, Fitzgerald GK. Correlation of 1-Repetition Maximum and Ratings of Perceived Exertion in Adults: Implications for Strength Training. Presented at Osteoarthritis Research Society International World Congress on Osteoarthritis, April 2014, Paris, France. Also presented at

University of Pittsburgh School of Health and Rehabilitation Sciences Poster Competition (2nd place honors).

- 2. **Bove AM.** Does Eliminating Transportation Barriers Improve Access to Physical Therapy in an Underserved Population? Presented at CoHSTAR Summer Institute on Health Services Research, June 2016, Boston, MA. Also presented at University of Pittsburgh Graduate School of Public Health Dean's Day Research Competition. (Received award for Outstanding Poster by a Certificate Student.)
- 3. Greco N, Wilson A, Hankins M, **Bove AM**, Klatt B. Screening Dental Disease: Do Race/Income Play a Role? Presented at Musculoskeletal Infection Society Annual Meeting. August 2016, Charlotte, North Carolina.
- 4. **Bove AM,** Bise CG, Smith KJ, Fritz JM, Childs JD, Brennan GP, Abbott JH, Fitzgerald GK. Does Receiving Physical Therapy for Knee Osteoarthritis Impact Downstream Healthcare Utilization? Presented at American College of Rheumatology/Association of Rheumatology Health Professionals Annual Meeting. November 2016, Washington, D.C.
- **5.** Lynch AD, **Bove AM,** Yu, Pilkonis P, Fitzgerald GK, Irrgang JJ. Test-Retest Reliability and Minimal Detectable Change of the PROMIS Physical Function and Pain Interference CATs in Individuals with Knee Osteoarthritis. Presented at American Physical Therapy Association Combined Sections Meeting. February 2017, San Antonio, Texas.
- 6. Lynch AD, **Bove AM**, Schneider MJ. Individuals with Lumbar Spinal Stenosis Desire Empathetic Care Focused on Self-Management Results of Focus Groups with RCT Participants. Presented at American Physical Therapy Association Combined Sections Meeting. February 2017, San Antonio, Texas.
- 7. Brinlee A, Miller K, **Bove AM.** Implementation of a First Contact Practitioner Model in a Multidisciplinary Pro Bono Health Care Clinic using DPT Students. Presented at American Physical Therapy Association NEXT Conference. June 2017, Boston, Massachusetts.
- 8. Harris-Hayes M, **Bove AM**, Brown K, Burgess M, King V, Mancino J, Wortman D, Fitzgerald GK. Treatment Fidelity among Treatment Providers in a Multicenter, Randomized Clinical Trial Comparing Two Rehabilitation Strategies for People with Prearthritic Hip Disease. Presented at American Physical Therapy Association Combined Sections Meeting. February 2018, New Orleans, Louisiana.
- 9. Schneider MJ, Piva SR, **Bove AM**, McCarthy A, Mecca LP. Pre-operative Education and Rehabilitation Prior to Surgery for Lumbar Spinal Stenosis: Patient and Physical Therapist Perspectives. Presented at the International Society for the Study of the Lumbar Spine Annual Meeting. May 2018, Banff, Canada.
- 10. **Bove AM**, Porter J, Sayeed A, Klatt BA. Race and Gender Disparities in Physical Function Before and After Total Hip Arthroplasty: a Retrospective Analysis. Presented at the Osteoarthritis Research Society International World Congress. April 2018, Liverpool, United Kingdom.
- 11. Harris-Hayes M, Steger-May K, **Bove AM**, Foster SN, Mueller MJ, Clohisy JC, Fitzgerald GK. Movement Pattern Training Compared to Standard Strengthening and Flexibility Among Patients with Prearthritic Hip Disorders: A Pilot Multicenter Randomized Clinical Trial. Presented at the Osteoarthritis Research Society International World Congress. May 2019, Toronto, Canada.
- 12. Harris-Hayes M, Steger-May K, **Bove AM**, Foster S, Mueller MJ, Clohisy JC, Fitzgerald GK. Sustained Outcomes Following Movement Pattern Training or Strengthening/Flexibility Among Patients with

Prearthritic Hip Disorders: Results of a Pilot Multicenter Randomized Clinical Trial. Accepted for presentation at the Osteoarthritis Research Society World Congress. April 2020, Vienna, Austria.

- 13. **Bove AM**, Dong ER, Hausmann LRM, Piva SR, Brach JS, Lewis A, Fitzgerald GK. Exploring race differences in patient satisfaction with rehabilitation following total knee arthroplasty. Presented at American Physical Therapy Association Combined Sections Meeting. February 2021. (Conference held virtually due to COVID-19 pandemic.)
- 14. **Bove AM**, Ross H. Doctor of Physical Therapy students' ratings of program diversity and confidence working with diverse patient populations. Presented at American Physical Therapy Association Combined Sections Meeting. February 2022, San Antonio, TX.

Invited Presentations

- **1. Bove AM.** Health Disparities. Presented at Physical Therapy Grand Rounds, University of Pittsburgh, November 2015.
- **2.** Bachmann M, **Bove AM.** Historical Perspectives on Medical Ethics. Presented at Physical Therapy Grand Rounds, University of Pittsburgh, February 2017.
- **3. Bove AM.** Health Disparities: Relevance to Physical Therapy Research and Practice. Presented at Southwest District Meeting of American Physical Therapy Association, January 2017.
- 4. **Bove AM.** Health Equity Research. Presented at Urban League of Greater Pittsburgh monthly staff and community luncheon, October 2017.
- 5. **Bove AM.** Rose Award Platform Presentation. Presented at American Physical Therapy Association Combined Sections Meeting. January 2019, Washington, D.C.
- 6. **Bove AM,** Lynch AD. Task-Specific Training for Knee Osteoarthritis and Disparities Affecting Patients with Knee Osteoarthritis. Presented at Pennsylvania Physical Therapy Association MovePA Annual Conference. October 2019, Champion, PA.
- 7. **Bove AM,** Lynch AD. Bundling, Cost-Effectiveness, and Virtual Care for Knee Disorders: How Physical Therapists can Show Our Value. Presented at Pennsylvania Physical Therapy Association MovePA Annual Conference. October 2019, Champion, PA.
- 8. **Bove AM.** Pittsburgh Dissemination and Implementation Science Collaborative (DISC). Emerging Implementation Science Leaders. November 18, 2021, Pittsburgh, PA.
- 9. Zellers J, **Bove AM,** Sprague AL, Kobal K, Sage-King F, Minick K, Zarzycki R. After the DPT: A Conversation about Career Paths. Presenting at American Physical Therapy Association Combined Sections Meeting. February 2022, San Antonio, TX.
- 10. **Bove AM,** McDonough C, Hicks G, Kennedy D, Patterson C. Inclusive Recruitment in Clinical Trials: Insights from Rehabilitation Research. Presenting at Society for Clinical Trials Annual Meeting. May 2022, San Diego, CA.

Research Activities

Upcoming (funded but not yet began)

Number/Agency	Title	Role	Dates
JPS-0301 / Joint Positioning Systems, Inc.	A Randomized Controlled Trial of Alternating Irrigation of Vancomycin HCl and Tobramycin Sulfate in Patients Undergoing Two-State Exchange Arthroplasty for Periprosthetic Joint Infection of Hip or Knee	Co-I (15%)	3/1/22- 2/28/25 (estimated)

<u>Current</u>

Number/Agency	Title	Role	Dates
K12 / NCMRR	Comprehensive Opportunities for Rehabilitation Research Training program (CORRT). Maximizing Outcomes after Total Joint Arthroplasty: Using Large Data and Implementation Science to Understand and Address Disparities in Patient Function and Community-Based Rehabilitation	Scholar (75%)	9/1/21- 8/31/22
UPMC Rehabilitation Institute Pilot Award	Rural Access to Physical Therapy for Osteoarthritis Rehabilitation (RAPTOR)	PI (10%)	7/1/20- 6/30/22

<u>Past</u>

Number/Agency	Title	Role	Dates
University of Pittsburgh Year of Diversity Grants	Physical Therapy Students' Perceived Comfort Treating Patients from Diverse Populations	PI (5%)	2017-2020
Foundation for Physical Therapy Research PODS I and II grants; UPMC Rehabilitation Institute Pilot Award	Race Disparities in Functional Outcomes and Physical Therapy Utilization Following Total Knee Arthroplasty	PI (Dissertation work)	2015-2020
n/a (unfunded)		PI	2017-2020

Race and Gender Disparities in Physical Function Before and After Total Hip Arthroplasty: a Retrospective Analysis

NIH/NICHD R21HD086644-01A1	Movement Pattern Training in People with Intra- Articular, Prearthritic Hip Disorders (PIs: Harris- Hayes, Fitzgerald)	Site Coordinator (15%)	2016-2019
n/a (unfunded)	Performance Milestones in Post-Operative Physical Therapy after Total Hip Arthroplasty and Total Knee Arthroplasty (PI: Klatt)	Co-I	2015-2019
ARHQ R01HS019642-02	Cost-Effectiveness of Physical Therapy Interventions for Knee Osteoarthritis (secondary aim of PI Fitzgerald's study described below)	Led cost- effectiveness analysis	2015-2017
PCORI	Comparison of Non-Surgical Treatment Methods for Patients with Lumbar Spinal Stenosis (PI: Schneider)	Lead investigator for ancillary qualitative study	2015-2017
n/a (unfunded)	Does Eliminating Transportation Barriers Improve Access to Physical Therapy in an Underserved Population?	PI	2014-2017
University of Pittsburgh Research Development Fund	Task-Specific Training for People with Chronic Knee Pain (PI: Fitzgerald)	Co-I (10%)	2013-2017
University of Pittsburgh Research Development Fund	Correlation of Ratings of Perceived Exertion and 1-Repetition Maximum in Adults	PI (10%)	2012-2016
ARHQ R01HS019642-02	Enhancing the Effectiveness of Physical Therapy for People with Knee Osteoarthritis (PI: Fitzgerald)	Research Assistant	2012-2015

Memberships in Professional Organizations

American Physical Therapy Association

2007-present

Section membership: Orthopaedic, Research, Education, Health Policy & Administration

Chapter membership: New York (2007-2010); Pennsylvania (2010-present)

Association of Rheumatology Professionals (American College of Rheumatology)	2012-present
Osteoarthritis Research Society International	2012-present
Academy Health	2021-present
Movement is Life Caucus	2016-2019

Honors and Awards

Training in Grantsmanship in Rehabilitation Research (TIGRR) Trainee	2021
Rose Excellence in Research Award – Academy of Orthopaedic Physical Therapy	2019
Outstanding Reviewer Award – Arthritis Care and Research	2019
Exemplary Abstract Award – Association of Rheumatology Health Professionals	2015
Outstanding Poster by a Certificate Student Award – University of Pittsburgh	2015
Graduate School of Public Health Dean's Day Research Competition	
Miami-Marquette Challenge Award – Foundation for Physical Therapy Research	2014
(Recognizes outstanding achievement within a PODS I application)	
Poster Award (2 nd place) – University of Pittsburgh School of Health and	2012
Rehabilitation Sciences Poster Competition	
New York Physical Therapy Association Student Award	2010
Student Usher for American Physical Therapy Association Annual Conference	2008
Rudin Scholarship – Columbia University College of Physicians & Surgeons	2008
DPT Merit Scholarship – Columbia University	2007—2010
Outstanding Senior Award – Duquesne University	2007
Rho Lambda Women's Honor Society – Duquesne University	2006
Order of Omega Honor Society – Duquesne University	2006
Golden Key National Honor Society	2005
Chancellor's Scholarship – Duquesne University	2003-2007

Professional Service

American Physical Therapy Association

•	APTA House of Delegates	2020-2022

- Currently serving two-year term as an elected delegate from the Southwest District of Pennsylvania
- Abstract Reviewer, Section on Research 2020-present

•	Member Services Committee, Health Policy & Administration Section	2019-present
•	Member, Knee Outcomes Work Group, Academy of Orthopaedic PT	2014-2018
•	Member, Anatomy Education Special Interest Group, Academy of PT Education	2019-present

• Member, Early Career Researchers Special Interest Group, Academy of PT Research 2020-present

Association of Rheumatology Health Professionals

Member, Engagement and Emerging Leaders Task Force
 2017-2018

Osteoarthritis Research Society International

• Expert Review Panel Member: Development of Evidence-Informed Position Statements and Practical Resources for the Implementation of Best Practice Therapeutic Exercise for Individuals with Knee and/or Hip Osteoarthritis 2020-2021

Manuscript Reviewer

- JAMA
- Journal of Orthopaedic and Sports Physical Therapy
- Arthritis Care and Research
- Archives of Physical Medicine and Rehabilitation
- Spine
- Journal of Racial and Ethnic Health Disparities
- BMJ Open
- Physiotherapy Theory and Practice

Grant Reviewer

- Academy of Orthopaedic Physical Therapy
- Reumafonds (Dutch Arthritis Society)
- Internal Reviewer, University of Pittsburgh Department of Occupational Therapy

University Service

University-wide

discipline and academic integrity; appointed by University Senate)	
Chancellor's Committee for Service and Emotional Support Animals Policy 2021-pre	esent
and Procedure (appointed by Chancellor)	
Provost's Review Committee for Non-Discrimination, Equal Opportunity, and 2018-20	21
Affirmative Action Policy and Procedure (appointed by Provost)	
Co-Chair, University of Pittsburgh Senate Committee on Equity, Inclusion, and 2019-pre	esent
Anti-Discrimination Advocacy (elected position)	
Member ex oficio, University of Pittsburgh Faculty Assembly 2019-pre	esent
Member, University of Pittsburgh Senate Committee on Equity, Inclusion, and 2017-20	18

Anti-Discrimination Advocacy (elected position)

School of Health and Rehabilitation Sciences

Committee for Cluster Hire of Faculty Engaging in Scholarship Related to	2020
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Health Equity

Scholarship Review Subcommittee 2018-present

Department of Physical Therapy

Diversity, Equity, and Inclusion Work Grou	p 2020-pre	esent

Lead, DEI Student Seminar Series

Search Committee for Hybrid Musculoskeletal Faculty 2020

DPT Curriculum Changes Task Force 2019-2021

• Co-Chair, Immersion Work Group

Group Leader for DPT Leadership I Projects 2018-2021

DPT Boot Camp Development Team 2016-2017

Community Service

Brookline Together: Executive Board Member, Chair of Communications	2019-present
Committee	
South Pittsburgh Development Corporation: Board Member,	2017-2018
Member of Finance and Community Development Committees	

Alpha Gamma Delta International Fraternity: Volunteer Advisor 2010-2020

Teaching Responsibilities

University of Pittsburgh:

2015-present: Anatomy (6 credits, 56-69 students, summer term)

- 2015-2017: lab instructor, lecturer (knee content)
- 2018-present: course coordinator

2016-2020: Coordinator of Pro Bono Physical Therapy Services - Birmingham Free Clinic (1 credit, year-round)

- Therapy services provided year-round by DPT students and supervising faculty
- Fall and spring terms: coordinate faculty supervision schedule, provide supervision to students, order supplies, communicate with clinic leadership and other disciplines providing services

• Summer term: coordinate services, provide evaluation and treatment services to patients, order supplies, communicate with clinic leadership and other disciplines providing services

2014- present: Musculoskeletal Physical Therapy I (6 credits, 56-69 students, fall term)

- 2014-2016: lab instructor
- 2017-2021: lab instructor, lecturer (knee content)

2014- present: Musculoskeletal Physical Therapy II (5 credits, 56-69 students, spring term)

• 2014-2020: lab instructor

2015-present: Musculoskeletal Physical Therapy III (3 credits, 56-69 students, fall term)

- 2015-2018: lab instructor
- 2019-2020: lab instructor, lecturer (wrist and hand content)

2013-2018: Kinesiology and Introduction to Therapeutic Exercise (3 credits, 56-69 students, summer term)

- 2013-2017: lab instructor, lecturer (manual muscle testing, goniometry, muscle performance)
- 2018-2019: lab instructor

Other Universities:

Chatham University, Doctor of Physical Therapy program, Musculoskeletal Physical Therapy, Part II

• 2011-2012: Lab instructor (knee, spine, wrist and hand)

Columbia University, College of Physicians and Surgeons, Cadaver Anatomy Reviews

• 2009: Led small-group cadaver anatomy review sessions for residents in Physical Medicine and Rehabilitation program

Teaching Seminars & Professional Development Seminars Attended

- *Religion Diversity: December 2019
- *Intercultural Competency: May 2019
- *Diversity and Inclusion for Individuals with Disabilities: May 2019
- *Identity, Power, and Privilege: May 2019
- Supporting Transgender Community Members: April 2019
- Anatomy Educators Special Interest Group Meeting: January 2019 (at American Physical Therapy Association Combined Sections Meeting)
- Learning with TopHat: January 2019
- *Fostering a Diverse and Inclusive Environment: November 2018
- *Preventing Sexual Misconduct: October 2018
- Hybrid & Online Teaching Track (semester-long course): January-April 2018
- Teaching Inclusively: February 2018
- Improving your Teaching Evaluations: December 2017
- Developing a Syllabus: November 2017

• Designing Better Test Questions: November 2017

*denotes courses taken toward completion of the Diversity and Inclusion Certificate Program offered through the University Faculty and Staff Development Program