

CURRICULUM VITAE

Peter M. Leininger, PT, PhD, OCS
The University of Scranton

Education:

Doctor of Philosophy
Temple University
Physical Therapy
Fall 1999 – May 2006

Master of Science
Boston University
Physical Therapy
June 1985 - May 1987

Bachelor of Science
University of Michigan
Journalism
August 1975 - May 1979

Licensure:

PA Physical Therapy licensure # PT - 012839
VA Physical Therapy licensure, # 3216

Certifications:

American Board of Physical Therapy Specialists (ABPTS)
Orthopaedic Clinical Specialist (OCS), recertification 2018, 2008.

Certified Blood Flow Restriction Therapy, Syracuse, NY, June 2018

American Board of Physical Therapy Specialists (ABPTS)
Orthopaedic Clinical Specialist (OCS) 1998

Certified Strength and Conditioning Specialist (CSCS) 1990

Faculty Employment and Positions Held:

Chair
Assistant Professor, tenured
Department of Physical Therapy
The University of Scranton
Scranton, PA
June 2014 – August 2018

Program Director
Department of Physical Therapy
The University of Scranton
Scranton, PA
January 2007 – June 2014

Adjunct Faculty
Department of Physiotherapy
Fiji National University (FNU)
Suva, Fiji
February 2013 – Jan 2016

Assistant Professor
Attained Tenured Status September 2005
The University of Scranton
Scranton, PA
2002 – present

Instructor
The University of Scranton
Scranton, PA
2000 - 2002

Lecturer
The University of Scranton
Scranton, PA
August 1999 - August 2000

Instructor I Physical Therapy
Howard University
Washington, DC
1997 – 1999

Adjunct Faculty/Instructor/Consultant
Marymount University
Arlington, VA
1996 – 1998

Clinical Experience:

Physical Therapist (Outpatient Orthopedic)
TLC Physical Therapy
Scranton, PA October 2018 - Present

Physical Therapist (Outpatient Orthopedic)
ProCare Physical Therapy (Now Pivot Physical Therapy)
Various locations including Clarks Summit, Dickson City, Moscow, Carbondale, PA 2009 – Present

Physical Therapist (Assisted Living Setting)
Abington Manor (Under Genesis Rehabilitation Corporation)
Clarks Summit, PA 2012 (June) – June 2014

Physical Therapist (Outpatient Orthopedic)
SPRINT Physical Therapy
Various locations including Clarks Summit, PA 2003 – 2010

Physical Therapist (Outpatient Orthopedic)
Viewmont Physical Therapy
Dickson City, PA 2000 – 2009

Home Health Physical Therapist
INOVA Health Systems
Fairfax, VA 1997 – 1999

Clinical Director of Physical Therapy
National Center for Sports Medicine
Arlington, VA 1988 – 1991

Peer Reviewed Publications:

Sung P, **Leininger PM**, A kinematic and kinetic analysis of spinal region in subjects with and without recurrent low back pain during one leg standing. *Clinical Biomechanics*, May 2015. Manuscript Number: CLBI-D-14-00680R2

Hakim RM, Cissel E, Cours J, Teel S, **Leininger PM**. (2010). A Cross-Sectional Study of Balance-Related Measures with Older Adults who Participate in Tai Chi, Yoga, or No exercise. *Physical and Occupational Therapy in Geriatrics*, 28(1):63-74.

Leininger P. Lead author of Chapter "Hydrotherapy" In: *Integrating Physical Agents in Rehabilitation*, 2nd ed. Upper Saddle River, NJ, Pearson – Prentice Hall (2006), 397-426.

Grant Beuttler M, **Leininger P**. "Reliability of a Measure of Muscle Extensibility in Full term and Preterm Newborns" *Physical & Occupational Therapy in Pediatrics*, Vol. 24, spring 2004.

Laufer Y, Ries J, **Leininger P**, Alon G. (July 2001) "Quadriceps Femoris Muscle Torques and Fatigue Generated by Neuromuscular Electrical Stimulation with Three Different Waveforms". *Physical Therapy*, 81(7): 1307-1316.

Peer Reviewed Scientific and Professional Presentations:

Poster Presentation: "The Effects of Blood Flow Restriction Therapy Combined with Neuromuscular Electrical Stimulation on Adults, A Systematic Review. Kiefer C, Aitken M, Hilbrandt H, Di Camillo S, **Leininger PM**. APTA NEXT Conference, Phoenix, AZ, June 3-6 2020.

Platform Presentation: "The Use of the Nintendo Wii Fit Gaming System to Improve Proprioception in a Former College Athlete with Chronic Ankle Instability." Leininger PM, Kang J, Mancuso M, Mashurak B, Young W. Second Global Conference on Physiotherapy, August 15-16, 2019, Prague, Czech Republic.

Platform Presentation: "Effects of Combined Skilled Aquatic and Land Based Therapy Compared to Land Based Therapy Alone on Balance and Gait in Adults After a Stroke: A systematic review." Manzo, M, Vitolo, G, Smith, C, Suchocki, E, **Leininger PM**. American Physical Therapy Association (APTA) National Combined Sections Meeting - Jan 2019, Washington, DC.

Poster Presentation: "The effects of blood flow restriction therapy on physical performance in adults as compared to standard physical exercise and control groups: Systematic review." Amer, O, Carmo, B, Mayes, J, Manabat, D, **Leininger, PM**. American Physical Therapy Association (APTA) National Combined Sections Meeting – Jan 2019, Washington, DC.

Platform Presentation: "Walking-Related Fatigue Potentially Increases Fall Risk in Older Adults: A Systematic Review." Moyer, K, **Leininger PM**. American Physical Therapy Association (APTA) National Combined Sections Meeting - Feb 2018, New Orleans, LA.

Platform and Poster Presentation: "The Effectiveness of Virtual Reality as an Intervention to Decrease Chronic Low Back Pain in Adults as Compared to Standard Therapeutic Intervention: A Systematic Review." **Leininger PM**, Kuptsow A, McCarty P, Tapia E, Wisowaty D. American Physical Therapy Association (APTA) National Combined Sections Meeting - Feb 2018, New Orleans, LA.

Poster Presentation: “The Impact of Using a Unilateral Microprocessor Prosthetic Knee for Individuals with Transfemoral Amputation on Functional Mobility: A Systematic Review.” Derenick H, Falvo C, Savakinas T, Wilkie B, **Leininger PM**, Hakim R, Bowers T. American Physical Therapy Association (APTA) National Combined Sections Meeting - Feb 2018, New Orleans, LA.

Poster Presentation: “Effectiveness of Aquatic Therapy on Increasing Range of Motion and Decreasing Pain in the Rehabilitation of Patients With Shoulder Pathologies: A Systematic Review.” **Leininger PM**, Kearney D, Lumia R, Siegel E, Szemenyei S. American Physical Therapy Association (APTA) National CSM Feb 2018, New Orleans, LA.

Poster Presentation: “Effect of a Cross-cultural Service-learning Trip on the Clinical Cultural Competency of Physical Therapist Students.” Ross M, Sanko J, Wagner B, **Leininger PM**. American Physical Therapy Association (APTA) National Combined Sections Meeting - Feb 2018, New Orleans, LA.

Poster Presentation: “The Effect of Fatigue on Balance and Fall Risk Using Balance Outcome Measures in Community Dwelling Older Adults: A Systematic Review.” **Leininger PM**, DiPaola D, Constantino N, Kasman K, Leighty J. American Physical Therapy Association (APTA) National Combined Sections Meeting - Feb 2017, San Antonio, TX.

Poster Presentation: “Assessment of Clinical Cultural Competency of Physical Therapy Students” Ross M, Sanko J, Wagner, B, **Leininger, PM**. American Physical Therapy Association (APTA) National Combined Sections Meeting - Feb 2017, San Antonio, TX.

Poster Presentation: “The Effectiveness of Platelet Rich Plasma (PRP) Injection in the Treatment of Adults with Tendinopathy: A Systematic Review.” **Leininger PM**, Tunis B, Manetti N, Zdanowicz E, Domonkos. American Physical Therapy Association (APTA) National Combined Sections Meeting - Feb 2016, Anaheim, CA.

Poster Presentation: “The Effectiveness of Trigger Point Dry Needling on Myofascial Pain and Range of Motion Associated with Temporomandibular Disorders: A Systematic Review.” **Leininger PM**, Zarra K, Daley A, McGrath K, Hartley J. American Physical Therapy Association (APTA) National Combined Sections Meeting - Feb 2016, Anaheim, CA.

Poster Presentation: “Kinematic and Kinetic Indices for Lumbar Spine Stability in Subjects with Recurrent Low Back Pain.” Sung P, **Leininger PM**. American Physical Therapy Association (APTA) National Combined Sections Meeting - Feb 2016, Anaheim, CA.

Platform Presentation: “The Effects of Aquatic Therapy on Patients who have Undergone Total Hip or Knee Arthroplasty: A Systematic Review.” **Leininger PM**, Gifford G, Miller J, Specca G, Woodcock H. American Physical Therapy Association (APTA) National Combined Sections Meeting - Feb 2015, Indianapolis, IN.

Platform Presentation: “Outcomes Following Physical Therapist Intervention for a 65-year-old Woman with Herpes Zoster: A Case Study” Marsala A, Saverino M, Greene N, Durney M, **Leininger P**, Ross M. American Physical Therapy Association (APTA) National Combined Sections Meeting - Feb 2015, Indianapolis, IN.

Poster Presentation: "A Systematic Review of the Effectiveness of Rehabilitation Training to Restore Proprioception After Anterior Cruciate Ligament Reconstruction" **Leininger PM**, Lance K, Yasson M, Coleman S, Gomez P. American Physical Therapy Association (APTA) National Combined Sections Meeting - Feb 2015, Indianapolis, IN.

Poster Presentation: "A Systematic Review of The Effect of Aquatic Therapy on Functional Mobility in Patients With Multiple Sclerosis"
Leininger PM, Blum C, Cummings S, Guisti J. American Physical Therapy Association (APTA) National Combined Sections Meeting - January 22, 2013, San Diego, CA.

Poster Presentation: *A Systematic Review of the Effectiveness of Resistance Exercises on Low Bone Mineral Density (BMD) in Women.* **Leininger PM**, Guilfoyle R, Kochanski K, Taraschuk J. American Physical Therapy Association (APTA) National Combined Sections Meeting - February 11, 2011, New Orleans, LA.

Poster Presentation: - *The Effects of Hip Strengthening on Patellofemoral Pain Syndrome (PFPS) in Female Collegiate Runners,* **Leininger PM**, Richardson M, Elwell D, Magacs C, Rose S. American Physical Therapy Association (APTA) Annual Scientific Conference June 2010, Boston, MA.

Poster Presentation: *Hatha Yoga Improves Ability to Rise from the Floor in Community-Dwelling Older Adult Women,* **Leininger PM**, Hakim RM, Newton RA. American Physical Therapy Association (APTA) National Combined Sections Meeting - February 2010, San Diego, CA.

Poster Presentation: *Comparison of a Clinical Balance test to a Computerized Balance Testing System When Assessing Balance Ability in Healthy Community-Dwelling Older Adult Women,* **Leininger PM**, Hakim RM, Wagner BR. American Physical Therapy Association (APTA) National Combined Sections Meeting - February 2009, Las Vegas, NV.

Poster Presentation: *Case Report: Use of a Computerized Posturography System to Improve Balance in an Adult With Brainstem Stroke.* Hakim RM, Sanko JP, **Leininger PM**. The 6th World Stroke Conference, Vienna, Austria – September, 2008. Accepted but not presented in person.

Poster Presentation: *Outcomes of a Modified Constraint Induced Movement Therapy (mCIMT) Program with One Year Booster Training for Persons with Chronic Stroke,* Hakim RM, **Leininger PM**, Collins T. American Physical Therapy Association (APTA) National Combined Sections Meeting - February 2009, Las Vegas, NV.

Poster Presentation: *The Impact Of An Immersion Experience On the Perceptions and Attitudes Toward Interdisciplinary Education In Physical and Occupational Therapy Students: Project Guadalajara* Wagner, B, Sanko, J, **Leininger, P**, Morgan, M, Burns, L. American Physical Therapy Association (APTA) National Combined Sections Meeting - February 2008, Nashville, TN.

Poster Presentation: - *Physical and Psychological Effects of Yoga Exercise with Healthy Community-Dwelling Older Adult Women,* **Leininger P**, Hakim R, Wagner B, Russo M. American Physical Therapy Association (APTA) Annual Scientific Conference June 2007, Denver, CO.

Poster Presentation: *Faculty-Student Research - Cross Training Effects of High Intensity Unilateral Strengthening of the Upper Extremity,* **Leininger P**, Grant-Beuttler M, Angelucci M, Jengo A. American Physical Therapy Association (APTA) National Combined Sections Meeting - February 2005, New Orleans, LA.

Poster Presentation: Study - *A Comparison of Balance Abilities of Healthy Active Community-Dwelling Older Adults Trained and Not Trained in Yoga.* **Leininger P**, Hakim R, Spencer J, Wagner B. Presented at the APTA Annual Scientific Conference June 2003, Washington, D.C.

Poster Presentation: Faculty-Student Research, *Cross Training Effects of Unilateral Strengthening of the Upper Extremity*, Long J, **Leininger P**. Presented at American College of Sports Medicine (ACSM) - May 2003, San Francisco, CA.

Poster Presentation: *The Need For Appropriate Balance Tests When Assessing the Effects of Yoga Training On Balance Abilities in Healthy Active Community Dwelling Older Adults*, **Leininger P**, Hakim RM, Wagner BR, Spencer J. Presented at APTA National Combined Sections Meeting - May 2003, San Francisco, CA. Abstract published in *Medicine & Science in Sports & Exercise*, 35 (5): S168, May 2003.

Poster Presentation: *Reliability of Using a Muscle Extensibility Measure in Newborn Full Term and Preterm Infants*, Grant-Beuttler M, **Leininger P**. presented at the APTA National Combined Sections Meeting - February 2002, Boston MA.

Platform Presentation: *Electrically Induced Quadriceps Femoris Muscle Contraction Force Output and Fatigue in Females and Males*, **Leininger P**, Laufer Y, Ries J, Alon G. Presented at the APTA Annual Scientific Conference, Indianapolis IN, June 2000.

Master's Research: *Comparison of maximum eccentric and concentric torque of the quadriceps femoris at three velocities*, presented at annual Massachusetts Physical Therapy State Conference, 1987. **Leininger PM**, O'Connor J.

Abstracts:

Cross Training Effects of Unilateral Strengthening of the Upper Extremity, Long JR, **Leininger PM**. Abstract published in *Medicine & Science in Sports & Exercise*, 35 (5): S370, May 2003

The Need For Appropriate Balance Tests When Assessing the Effects of Yoga Training On Balance Abilities in Healthy Active Community Dwelling Older Adults, **Leininger P**, Hakim RM, Wagner BR, Spencer. Abstract published in *Medicine & Science in Sports & Exercise*, 35 (5): S168, May 2003

Electrically Induced Quadriceps Femoris Muscle Contraction Force Output and Fatigue in Females and Males, Laufer Y, Ries J, **Leininger P**, Alon G. Abstract published in *Physical Therapy*, 80 (5): S45, May 2000.

Funded/In Review Grant Activity:

Awarded a \$1,500 *Teaching Enhancement Grant* – CTLE, 2010 teaching year. November 2009. Money used to assist with development of Physical Therapy on-line web site: www.pthaven.com (an active, ever expanding web site devoted to orthopaedic physical therapy – see “Videos”).

Awarded a \$1,000 *Library Information Literacy Stipend*, 2010 – 2011 teaching years. November 2009.

Awarded \$10,000 Leahy Center Grant as Co-investigator, *A Modified Constraint-Induced Movement Therapy (CIMT) Program for Individuals with Chronic Stroke* – Hakim RM, Grant-Beuttler M, Leininger P, Collins T. 2004.

Awarded a \$7,610 grant from the Leahy Research Committee for dissertation research concerning *The Effects of Yoga Intervention on Healthy Community-Dwelling Older Adults*. 2004.

Awarded a \$1,500 teaching grant from the University of Scranton, June 2001.

Awarded grant of \$3,650 from the Fund for Academic Excellence Grants Program, to update and renovate the Physical Therapy therapeutic exercise laboratory at Howard University. January 1999.

Current/Active Research Activity:

Ongoing Faculty-Student research projects, specifically systematic reviews with the topics of; “Blood Flow Restriction Therapy for Anterior Cruciate Ligament Reconstruction Rehabilitation” (or double bundle technique); “Benefits of Aquatic Therapy in Patients with (Downs Syndrome, stroke or specific orthopaedic condition)”

Membership in Scientific/Professional Organizations:

Specialization Academy of Content Experts (SACE) – item writer for Orthopaedic Specialty Council (2-year term January 2018-December 2019)

American Physical Therapy Association (APTA) 1987 - Present
Orthopaedic, Geriatric and Education Section Member

Pennsylvania Physical Therapy Association (PPTA)
Northeast District 1999 – Present

Consultative and Advisory Positions Held:

- Consultant - Provided ergonomic assessment and advisement to Capitol custodial and Senate mailroom staff.
United States Senate, Washington, D.C. 1993
- Consultant/Physical Therapist
American Ballet Theatre, Kennedy Center 1992

Community Service:

- Guatemala Service Trip with DPT students and Hearts in Motion (Ten days), January 2013 – 2018, 2020 (sixth year)
- Christmas Breakfast volunteer, The University of Scranton, December 25, 2013, 2014, 2015, 2016, 2019
- Habitat for Humanity, Scranton, PA, July 23, 2013, 2014.
- Habitat for Humanity, Scranton, PA (Prescott St.) August 13, 2011.
- President, Abington Heights High School Girls Soccer Team, spring, 2010.
- Concession Stand Operations, two musical concerts Nissan Pavilion, summer 2009, fund raiser for Abington Heights High School Girls Soccer Team.
- President, Abington Heights High School Girls Soccer Team, spring, 2009.
- Attended *Project Guadalajara* with Physical Therapy and Occupational Therapy students and faculty, January 13-21, 2009.
- Assisted with planting trees as part of beautification project, Clarks Summit, November 2007.

- Member of Planning Committee Abington Heights High School Girls Soccer Team, winter/spring 2007/8.
- Concession Stand Operations – 2007 “3 V 3” regional soccer tournament, Clarks Summit, PA, June 2007. In charge of purchasing food and beverage and manned concession stand for all-day soccer tournament raising \$5,000+ for local soccer teams.
- Attended *Project Guadalajara* with Physical Therapy and Occupational Therapy students and faculty, January 12-20, 2007.
- Filmed and edited girls basketball games for Abington Heights Junior High School Girls Basketball Team, June 2005, January/February 2007.
- Presented lecture, *Older Adults and Fitness*, to the Telespond Senior Service organization, Dunmore Senior Center, Dunmore, PA, April 28, 2005.
- Assisted with slide show presentation for *Junior Comets Junior High Basketball Banquet*, November 16, 2004.
- Presented lecture on *Fall Prevention* as part of the *FRIENDS* (Fall Reduction Initiative: New Directions for Safety) series, Victoria Inn, Pittston Township, PA, November 10, 2004.
- Presented lecture *The Benefits of Yoga for Older Adults* at Moses Taylor Hospital, Scranton, PA, October 21, 2004.
- Worked Concession Stand for Abington Heights Junior High School Girls Basketball Game, Clarks Summit, PA, fall, 2004.
- Presented lecture *The Benefits of Yoga for Older Adults* at Moses Taylor Hospital, Scranton, PA, October 21, 2004.
- Assistant Coach Abington Heights Girl's All-Star Basketball (U-13), Jan-March 2004
- Assistant Coach Abington Heights Girl's recreation basketball league, Jan-March 2004
- Timer for Abington Gators swim team, Winter 2003/2004
- Assisted coach with Abington boy's recreation soccer league, summer 2003
- Spoke to three elementary school classes at the Chester Street Art and Science Fair, April 2003
- Assisted with Abington Heights Girl's All-Star Basketball, filming games for later review, Jan-March, 2003
- Assistant basketball coach girl's recreation league, Abington Heights, Jan-March 2003
- Timer for Abington Gators swim team, Winter 2002/2003
- Assisted coach with Abington boy's recreation soccer league, summer 2002.
- Spoke to four elementary school classes at the Art and Science Fair, April 2002
- Presented lecture and "hand-on" demonstration of muscle function to two fourth grade classes at Abington Heights Elementary School, November 1, 2001
- Spoke to four elementary school classes at the Art and Science Fair, April 2001
- Provided post race massage, 2001 Steamtown Marathon, October 2001.
- Assisted with balance testing/falls assessment at Prime Med Health Fair, Dickson City, PA July 2001
- Assisted with balance testing/falls assessment at "Y" health fair, Pittston, PA March 2001
- Assistant Soccer Coach, Abington Heights U-10 Soccer League, August-October 2000
- Worked Concession Stand for Abington Heights Soccer League, Clarks Summit, PA, August 26, 2000
- Worked Concession Stand for Abington Heights Little League Baseball, Clarks Summit, PA, June 2000
- Volunteer - Grove Street Elementary School, Presented safety advice to second graders, Clarks Summit, PA, March 2000
- Participated in *Chester Street Elementary School Art & Science Fair*, Kingston, PA, April 5, 2000
- Volunteer – Dranesville Elementary School, Herndon, VA, 1998, 1999
- Soccer Coach, Herndon U-6 soccer league, 1998
- Medical Assistant for WAGS (Washington Area Girls Soccer) international tournament. Numerous Washington area sites 1996, 1997

Services to the University/College/School:

Departmental:

Chair 2014 – 2018

Faculty/Student Service Day St. Joseph's Scranton, January 31, 2020.

Fall Screening Geneva House, Scranton, October 4, 2019.

Fall Prevention Presentations, Southside Scranton Center Monday September 25, 2017, Mid Valley, Jessup, PA September 29, 2017.

Service Trip with Physical Therapy, Occupational Therapy, and Exercise Science students from the University of Scranton to Guatemala, January 2014, 2015, 2016, 2017, 2018, 2020

Presented, "Ergonomics and Chair Exercises" to library staff at the University of Scranton, June 4, 2014.

Program Director, 2007 – 2014.

Scheduled to chaperone undergraduate University of Scranton students through International Service Program (ISP) to Ecuador, South America May 31 – June 10, 2017.

Chaperoned and assisted in planning service trips during intersession break to a variety of locations, including Guadalajara, Mexico (2006 – 2010) and Saint Michaels (Native American reservation, 2011, 2013), and Guatemala 2014 - 2017 with Physical Therapy, Occupational Therapy, and Exercise Science students.

Department correspondent for Pennsylvania Physical Therapy Association bi-annually State Newsletter, 2003 – 2009.

Correspondent Physical Therapy Department for College of Professional Studies newsletter, 2003 – 2009.

Publications Committee (Physical Therapy Department) Fall 2000

Faculty Recruitment Committee (Physical Therapy Department) 1999

Department Review Board Committee (Physical Therapy Department) 1999 - present

The University of Scranton:

Member of Faculty Senate 2014 – 2017 (three-year term)

Member of Program Director's Meeting, CGCE, 2008 – 2014.

Member of Program Director's Meeting, PCPS, 2008 – 2014.

Presented lecture, *Stages of Loss Following a Serious Sports Injury*, to Dr. O'Malley's Exercise and Sports Psychology class, spring 2010 - 2015 fall 2010 – 2015, 2017, 2019.

Member of *Leahy Research Grant Committee*, Fall 2004 – 2014

Member of *University Research Committee*, Fall 2006 – 2009.

Member of Grant Committee of *Dexter Hanley College Dean's Conference*, Spring 2004 – 2006

Assisted with *President's Breakfast*, Spring 2019, 2015, 2013, 2010, 2009, 2007, 2005, 2004, 2002, 2001

Member of *Academic Policy Committee (of Faculty Senate)*, University of Scranton, Fall 2003 – Spring 2004

Member of *Dexter Hanley College Dean's Conference*, Fall 2002 - present

Assisted with the three-day presentation of the AIDS Quilt on University of Scranton campus, April 2002 - Assisted with displaying quilts, answering questions and pre-event media correspondence.

Member of the *Faculty Senate*, Fall 2001 – Fall 2004

Co-editor of sports medicine section of University web based health publication, Fall 2001

Participated as actor and assisted with editing video produced for Health Career Day, September, 2001

AIDS Education Committee (*Media Chair*), Fall 2000 – April 2002

Member of the Mentoring Program at the University of Scranton, sponsored by the Lilly Fellows. Bimonthly meetings of mentors/mentees discussing various issues related to improvement in the realm of teaching at The University of Scranton. 1999 – 2001

Assisted with 2000 Alumni Dinner, The University of Scranton

National/International:

PTNow liaison for American Physical Therapy Association, ongoing involvement with national committee, fall 2018 – present.

"Effective Use of Orthopedic Clinical "Special" Tests: Validity and Reliability and Use of a Specifically Designed Web Site." Northeastern Pennsylvania District Meeting of the Pennsylvania Physical Therapy Association, at the University of Scranton, March 13, 2012.

Presented talk on *Evidence Based Practice with Common Orthopedic Pathologies of the knee* to the Northeastern Pennsylvania Orthopedic Special Interest Group at the University of Scranton, March 2003.

Presented an in-service "Use of KT 1000 to Assess ACL and PCL Integrity" Allied Rehabilitation Services, outpatient Dickson City, November 2002.

Presented an in-service "Isokinetic Rehabilitation and Testing Using the Kin Com" Allied Rehabilitation Services, outpatient Dickson City, October 2002.

Presented an in-service "Anterior cruciate ligament assessment and rehabilitation following injury or surgery." & "Evaluation and treatment of the meniscus following injury or surgery", Viewmont Medical Services, July 2001.

Sports Psychology lecture within conference "A Holistic Approach to the Treatment and Rehabilitation of Athletic Injuries Conference", Howard University, Washington DC April 9, 1999.

Live satellite presentation of the anatomy and functional implications of the lower extremity to an international audience, December 19, 1998. Pittsburgh, PA.

Video presentation of anatomy review and discussion of functional implications of the lower extremity, with Dr. Jerome Danoff, December 1998, Pittsburgh, PA. Video produced on functional anatomy of the lower extremity (cadaver dissection) to be used as education tool for Health South Clinics in North America.

Proprioceptive Neuromuscular Facilitation, applications in orthopedics and home care. INOVA/VNA, Springfield, VA, 1998.

Isokinetic Testing, utilizing the Kin Com. NovaCare, McLean, VA 1995.

Interferential Stimulation Application presented to physical therapy assistant students. Northern Virginia Community College, 1995.

Orthotic Fabrication Presentation, Northern Virginia Sports Medicine Association, 1995.

Community Presentations:

Co-instructor for weekend continuing education course, *Beyond the Core: A Comprehensive Approach to Examining and Treating the Patient with Lumbar Hypermobility*, Florham Park, NJ, November 12 and 13, 2011

Presented lecture, *Older Adults and Fitness*, to the Telespond Senior Service organization, Dunmore Senior Center, Dunmore, PA, April 28, 2005.

Presented lecture on *Fall Prevention* as part of the *FRIENDS* (Fall Reduction Initiative: New Directions for Safety) series, Victoria Inn, Pittston Township, PA, November 10, 2004.

Presented lecture *The Benefits of Yoga for Older Adults* at Moses Taylor Hospital, Scranton, PA, October 21, 2004.

The past years I have reviewed several manuscripts prior to publishing. They included;

- Manuscript for text, *Orthopaedic Manual Physical Therapy*, 2015, Wise C, Davis Publishers.
- Manuscript, *Palpation: A Manual of Techniques*, F.A. Davis, spring 2011.
- Manuscript, *Orthopaedic Manual Therapy, From Art to Evidence*, F.A. Davis, spring 2010
- Review of Dr. Harris' *Radiology for Physical Therapists*, 2010.
- Manuscript, *Therapeutic Exercise Notes*, Kisner & Colby, F.A. Davis, fall 2009.
- Manuscript, *Mobilization Notes: Clinical Examination Pocket Guide*, F.A. Davis, summer 2008.
- Manuscript, *Taking the Athlete from Rehabilitation to Sports Specific Training*, Donatelli, Elsevier, summer 2005.
- Manuscript, *Daniel's and Worthingham's Muscle Testing Techniques of Manual Examination, 7th edition*, Helen J. Hislop and Jacqueline Montgomery, Saunders, summer 2003.
- Manuscript, *Therapeutic Exercise*, Elsevier Publishers, Spring 2003
- Manuscript *Joint Range of Motion and Muscle Testing*, summer 2002
- Text, *Manipulation and Mobilization: Extremities and Spinal Techniques*, fall 2002
- Proposed text, *Rehabilitation for the Post Surgical Sports Medicine Knee and Shoulder Patient*, fall 2002
- *Principals for Clinical Management of Soft Tissue* (text) by Katie Lundon, 2002

- ❑ Several chapters in a proposed new goniometric and manual muscle testing text, and chapter review of the tentative text *The Wellness Program Handbook*, by Carolyn McManus, fall 2001
- ❑ Manned the information booth at APTA national meeting (Geriatric Section), Feb. 2002.
- ❑ Advised student and edited manuscript, *Yoga in the Orthopedic Setting*, which was published in *Orthopaedic Physical Therapy*. Student was the only student to have work published for the year.

Continuing Education Attended (Past 7 Years):

“Therapeutic Neuroscience Education I: Teaching People About Pain” Adriaan Louw, PT, PhD, CSMT - Evidence In Motion, (Two-Day Course, March 7, 8, 2020, The University of Scranton, Scranton, PA

American Physical Therapy Association (APTA) National Combined Sections Meeting – Denver, CO, February 2020

American Physical Therapy Association (APTA) National Combined Sections Meeting – Washington DC, January, 2019

American Physical Therapy Association (APTA) National Combined Sections Meeting – New Orleans, LA, January 2018

American Physical Therapy Association (APTA) National Combined Sections Meeting – San Antonio, TX, February 2017

“Mini CSM” Northeast Chapter of the Pennsylvania Physical Therapy Association, The University of Scranton, April 23, 2016.

American Physical Therapy Association (APTA) National Combined Sections Meeting – Anaheim, CA, February 2016

American Physical Therapy Association (APTA) National Combined Sections Meeting – Indianapolis, IN, January 2015

Writing Student Learning Outcomes (SLOs), Mary Goldschmidt, the University of Scranton, August 13, 2014

Duffy Rath Lumbar Spine Evaluation and Treatment Course, the University of Scranton, August 2014.

Council of Independent Colleges – Chair Workshop, Baltimore, MD, May 13-15, 2014.

American Physical Therapy Association (APTA) National Combined Sections Meeting – Las Vegas, NV, January 2014

Duffy Rath Cervical Spine Evaluation and Treatment Course, the University of Scranton, Jan 2014.

American Physical Therapy Association (APTA) National Combined Sections Meeting – San Diego, CA, January 2013

Duffy Rath Technique, Lower Extremity – The University of Scranton, January 2013.

Current Teaching Responsibilities in the Entry-level Physical Therapy Program:

PT 713/714 - Orthopaedic Physical Therapy I, II

Course prepares students to practice entry-level physical therapy. Students learn to evaluate and treat musculoskeletal dysfunction, through recognition of major signs and symptoms and utilization of an array of rehabilitation techniques. Students acquire an understanding of differential diagnosis, identifying the appropriate orthopaedic pathology when presented with many similar signs and symptoms.

Recent Courses Taught:

PT 706 - Kinesiology and Pathokinesiology for the Physical Therapist. This course begins with the study of biomechanics as related to human movement. Normal human movement and movement dysfunction associated with selected pathologies are investigated in detail, including the study of normal and pathological gait and posture. Emphasis is placed on joint arthrokinematics and the mechanics of muscle actions. Students are exposed to tools used for the scientific study of motion analysis.

PT 783 - Grand Rounds III. Following the medical model; students present clinical cases from Internship I or Leahy Community Health Center (faculty practice). The presentations encompass relevant basic science information and the details of screening, examination, evaluation, diagnosis, and prognosis, plan of care, intervention, and outcomes incorporating an array of physical therapy diagnoses. The cases presented will include age-related, lifespan and educational issues related to the specific case. Students will incorporate information extracted from peer reviewed professional journals and texts, including legal and ethical issues related to the case. Students will present examples of documentation related to each case.

PT 704 - Introduction to Therapeutic Exercise

Introduce concepts of fitness and exercise with healthy individuals and those with various pathologies, provide students with goniometry and manual muscle testing skills with understanding of their relevance. Physiology of the neuromuscular system, energy metabolism and nutritional implications are discussed.

***Additionally I have taught *Evidenced Based Practice*, both online and in the classroom, *Therapeutic Modalities*, *Basic Patient Management*, *Pathology* (online and in classroom), *Advanced Orthopaedics of the Knee* course and *Isokinetic Rehabilitation and Testing* (Modules). Additionally I have assisted in the *Gross Anatomy* lab.**