

## **CURRICULUM VITAE**

Mark Paterson, PT, DScPT, MPT, OCS, CFMT  
Institute for Physical Therapy Education, Widener University  
Widener University  
One University Place  
Chester, PA 19013  
610.499.1249

### **EDUCATION:**

Andrews University, Berrien Springs, MI  
2014- 2019  
Doctor of Science, Physical Therapy 2019

Hahnemann University, Philadelphia, PA  
1990- 1993  
Master of Physical Therapy 1993

Cook College, Rutgers University, New Brunswick, New Jersey  
1983-1989  
Bachelor of Science, Biology 1989

### **LICENSURE:**

Physical Therapy License:  
Delaware # J10001564  
Pennsylvania # PT022241

### **CERTIFICATIONS:**

Certified in Vestibular Rehabilitation- AIB 2019-2021

Board Certified Orthopedic Clinical Specialist- APTA 2010-2020

Certified Functional Manual Therapist- Institute of Physical Art 2005-2025

### **EMPLOYMENT AND POSITIONS HELD:**

Clinical Assistant Professor, Institute of Physical Therapy Education, Widener University, Chester, Pa. August 2012- Current

Level IV Physical Therapist, Christiana Care Health Systems- Rehabilitative Services, Delaware. Part-Time August 2012- Current

Director of Education, Christiana Care Health Systems- Physical Therapy PLUS, Delaware. 2005- August 2012

Site Manager, Christiana Care Physical Therapy PLUS, Newark, DE. 2004-2005.

Director, Delaware Curative Physical Therapy and Rehabilitation Center- Bear, DE. 2001-2004.

Director, Sportscare Institute- Freehold, NJ. 2000- 2001.

Staff Physical Therapist Advanced Physical Therapy- Hamilton, NJ. 1993-2000.

#### **PEER REVIEWED PUBLICATIONS**

**Paterson, M.L.**, Black, J., Boyer, B., Lawless, K., Flanigan, A, Eludji, K., Hofmann, R. (2018). Incorporating Student-Run Psychology Services in a Physical Therapy Student-Run Pro Bono Clinic. *Free Clinic Research Collective*, 4, 1-7.

Wellmon R.W, Gulick D.T., **Paterson M.L.**, Gulick C.N., (2016). Validity & Reliability of Two Goniometric Mobile Apps: Device, Application & Examiner Factors. *Journal of Sport Rehabilitation*, Dec;25(4):371-379.

Gulick, D.T., **Paterson, M.** *Kinesiology in Action*. F.A. Davis Publishing. Online Kinesiology Resources for Educators. March 2014

#### **PEER REVIEWED SCIENTIFIC AND PROFESSIONAL PRESENTATIONS**

Giordano L., Hall K., Pirtle B., **Paterson M.L.** *The Primary Student Physical Therapist Initiative Within a Student-Run Pro Bono Clinic* . Poster Presentation, Widener University Graduate Student Research Symposium April 23, 2019

Giordano L., Hall K., Pirtle B., **Paterson M.L.** *The Primary Student Physical Therapist Initiative Within a Student-Run Pro Bono Clinic* . Poster Presentation, APTA Combined Sections Meeting Washington, DC January 2019

Wachter-Schutz, W., Trivinia, B., Black, J., **Paterson, M.L.**, *Developing an Interprofessional Student Run Pro Bono Clinic: Process and Outcomes*. Poster Presentation, AOTA Conference in Salt Lake City, UT April 2018

Wachter-Schutz, W., Trivinia, B., Black, J., **Paterson, M.L.**, *Developing a Student-Run Pro Bono Clinic: Where to Start*. POTA Conference October 2017

Wachter-Schutz, W., Trivinia, B., Black, J., **Paterson, M.L.**, *Developing an Interprofessional Student Run Pro Bono Clinic: The First Steps*. NJOTA Conference October 2017

Wellmon R.W, Gulick D.T., **Paterson M.L.**, Gulick C.N., *Concurrent Validity and Interrater Reliability of Two Goniometric Mobile Applications*. Poster Presentation, APTA Combined Sections Meeting Indianapolis Indiana 2015

#### **GRANT ACTIVITY:**

Graduate Students Grant in Aid of Research. Awarded May 2017

**RESEARCH ACTIVITY:**

**Paterson, M.L.**, Olsen, L., Palombaro, K.M., Wellmon, R.W., *Lumbar Protective Mechanism: Inter-rater and Intra-rater Reliability of a Clinical Test*. Funded by Andrews University Graduate Students Grant in Aid of Research- *in review for publication*

Wellmon, R.W., Wachter-Schutz, W., Black, J., Sturgill, L., Trivinia, B., Erdman, E., **Paterson, M.L.**, *Interprofessional Education in a Cohort of DPT and OTD Students: Measuring the Achievement of Interprofessional Education Competencies Across a 3-year Curriculum*

**Paterson, M.L.**, Black, J., Wachter-Schutz, W., Trivinia, B., *Challenges and Opportunities to the Student Run Pro Bono Interprofessional Clinic*

**MEMBERSHIP IN SCIENTIFIC/PROFESSIONAL HONORARY SOCIETIES:**

American Physical Therapy Association (APTA) 1993- Present

American Academy of Orthopedic Manual Therapists (AAOMPT) 2005- Present

**HONORS AND AWARDS:**

**CONTINUING EDUCATION WORKSHOPS CONDUCTED/ ORGANIZED:**

“Evidence Based Evaluation and Treatment of the Cervical Spine”- 4.27-28.18 Riddle Hospital

“Radiology for the Rehab Professional”- 4.23.16 Grand View Health Hospital

“Radiology for the Rehab Professional”- 2.27.16 Riddle Hospital

“Anatomy, Biomechanics and Treatment Strategies for the Foot and Ankle”- 2.27.16 Riddle Hospital

“Soft Tissue Mobilization”- workshop component of Soft Tissue Buffet - 3.21.2015 Widener University

“Rehabilitation Strategies for the Patient with SI Dysfunction”- 2.25.2012 Stockton College-1 day CEU-

“Part 1- Evidence Based Physical Therapy Treatment of Low Back Pain: Essentials to Living Up to Current Standards of Care Part 2- : Overcoming the Shortcomings of

Today's Evidence in LBP: What the LBP Patient Needs for Full Recovery." – 5.31.2011  
Christiana Care Sports Medicine Grand Rounds

"Differential Diagnosis of Common Hip Disorders"– 4.8.2011 Delaware Nurse  
Practitioners Association

"Physical Therapy Management of the Chronic Pain Patient" - 2005-2008 Christiana  
Care Pain/Palliative Care Liaison Group

"Functional Approach to Examination & Treatment of the Lumbo-Pelvic Area"- 2.3.2006  
Delaware Athletic Training Association

**CONTINUING EDUCATION WORKSHOPS ATTENDED:**

2020

Combined Sections Meeting, American Physical Therapy Association, Feb 13-15, 2020,  
16 CCU

2019

Interprofessional Collaborative Spine Conference, ACA Pittsburgh, PA November 8-9,  
2019 7CCU

Vestibular Rehabilitation Certification Workshop July 12-14, 2019 19.5 CCU

Align Conference on Pain Neuroscience Education March 8-10, 2019, 16 CCU

Combined Sections Meeting, American Physical Therapy Association, Jan 23-26, 2019,  
18 CCU

2018

The Role of Nonpharmacological Approaches to Pain Management: A Workshop,  
National Academy of Sciences Medicine and Engineering, Health and Medicine  
Division, December 4-5, 2018

Recognizing and Reporting Child Abuse: Mandated and Permissive Reporting in  
Pennsylvania, University of Pittsburgh School of Social Work, 3 CCU

Clinical Ethics, Christiana Care Health Systems, Lindsey O'Donnell DO, 2 CCU

3B Orthopedics Journal Club, Athletic Low Back Pain, 2 CCU

KT Tape, Kinesio University, 16 CCU

Title IX Training, Harassment & Discrimination Prevention, Widener University

2017

NAIOMT C-757 Advance Upper Quadrant, Andrews University, Erl Pettman, MCSP, MCPA, COMP, 42 CCU

NAIOMT C-858 High Velocity Manipulation, Andrews University, Erl Pettman, MCSP, MCPA, COMP, 42 CCU

N685 Teaching and Learning Strategies, Widener University, Stephanie Jeffers, PhD, RN, 30 CCU

Myofascial Decompression Techniques Level 1, Christopher Da Prato, DPT, SCS, CSCS, PCS, cert. SMT, 8 CCU

2016

Applications of Clinical Research, Andrews University, Sozina Katuli, DrPH, MPH, BSc, 30 CCU

NAIOMT C-705 Advance Lower Quadrant, Andrews University, Erl Pettman, MCSP, MCPA, COMP, 42 CCU

NAIOMT C-611 Level II Lumbo-Pelvic Spine, W. Bryant Miller, PT, DSc, OCS, FAAOMPT, 21 CCU

NAIOMT C-621 Level II Lower Extremity, Laura Iverson-von Wullerstorff, PT, MS, OCS, COMT, FAAOMPT, 21 CCU

Clinical Pharmacology, Andrews University, Stacy Soappman, PT, DSc, COMT, FAAOMPT, 30 CCU

Contemporary Leadership, Andrews University, George E. Soper, Ph.D., LFACHE, 45 CCU

Integration Spirituality and Healthcare, Andrews University, Bonny Dent, PT, MS, PCS, 45 CCU

Recognizing and Reporting Child Abuse: Mandated and Permissive Reporting in Pennsylvania, University of Pittsburgh School of Social Work, 3 CCU

Clinical Ethics, Delaware Technical Community College, Donna M. Casey, BSN, MA, RN, NE-BC, FABC, 2 CCU

Preventing Discrimination and Sexual Violence Refresher: Title IX, VAWA & Clery Act for Faculty & Staff, Widener University

2015

NAIOMT C-613 Thoracic Spine, Andrews University, Erl Pettman, MCSP, MCPA, COMP, 21 CCU

NAIOMT Level II Shoulder, Elbow, Wrist, Hand, Andrews University, Kathy Berglund, DScPT, FAAOMPT, COMT, OCS, ATC, 21 CCU

NAIOMT Level II Cervical Spine, Andrews University, Kathy Berglund, DScPT, FAAOMPT, COMT, OCS, ATC, 21 CCU

NAIOMT Level I Lumbopelvic Spine, Andrews University, Kathy Berglund, DScPT, FAAOMPT, COMT, OCS, ATC, 21 CCU

NAIOMT Level I Cervical Spine Lumbopelvic Spine, Andrews University, Kathy Berglund, DScPT, FAAOMPT, COMT, OCS, ATC, 21 CCU

Clinical Screening and Differential Diagnosis, Andrews University, David Musnick, MD, 45 CCU

Advanced Topics in Clinical Research, Andrews University, Lori Maria Walton, PhD, DPT, CLT, 45 CCU

Soft Tissue Buffet, Widener University, 7 CCU

2014

Ethics for Everyday Practice, Christiana Care, Cathy Ciolek, PT, DPT, GCS, 2 CCU

Medical Exercise Therapy Level 1 and 2, Andrews University, Frank Aerts PT, DSc, CMPT, CMP, Nate Kloosterman PT, DPT, OCS, 30 CCU

Functional Movement Screen Level 1 and 2, Functional Movement Systems, Robert Butler, PT, PhD, 15 CCU

Manipulation II: An Advanced Physical Therapy Approach, International Spine and Pain Institute, Emilio "Louie" PuenteDura, PT, DPT, PhD, OCS, FAAOMPT, 15 CCU

Self Study Workshop (CAPTE), American Physical Therapy Association, 13 CCU

Combined Sections Meeting, American Physical Therapy Association, Platform Presentations: Foot and Ankle, Motor Control of the Spine and Low Back Pain, Pearls for the Tough Ones: Manual and Exercise Techniques, Translating EBP from the Classroom to the Clinic, Foot and Ankle Content in PT Education, My Orthopedic Patient Has a History of Cancer, Diagnostic Imaging & Examination of the Spine, Diagnostic and Procedural Imaging in PT Education, 19 CCU

Journal Club, Aria 3B Orthopedic Institute, 2 CCU

2013

M1- Basic Training in the Graston Technique method of instrument-assisted soft tissue mobilization, which includes diagnostic and therapeutic applications and procedures, Christos Vasakios, DC, 12 CCU

Foundations of Manual Therapy, Clinical Reasoning for Direct Access Including Safety, Palpation and Tests, CrunKeyser Comprehensive Manual Therapy Seminars, Tim Crunk, PT, DPT, MS, OCS, CFMT, FAAOMPT, 26.4 CCU

Update on Jurisprudence and Ethics in Physical Therapist Practice, Pennsylvania Physical Therapy Association, Southeast District, 2 CCU

Specialist Certification Item Writing: An Overview, American Physical Therapy Association, 3 CCU

Combined Sections Meeting, American Physical Therapy Association, 22 CCU

From Classroom to Clinic- A Roadmap for Success, Hardin-Simmons University, 30 CCU

2012

Spinal Manipulation, International Spine and Pain Institute, Emilio J. Puentedura, PT, DPT, PhD, 15 CCU

Resistance Enhanced Manipulation, Institute of Physical Art, Gregory Johnson PT, FFCFMT, Kent Keyser MS, PT, OCS, COMT, ATC, FFCFMT, FAAOMPT, CKTP, Timothy Crunk, PT, DPT, MS, OCS, CFMT, FAAOMPT, 24 CCU

Explain Pain, Neuro Orthopedic Institute, Bob Johnson PT, MS, OCS, 15 CCU

Rehabilitation Strategies for the Patient with SI Dysfunction: Practical Assessment and Hands-On Approaches to Solving the Clinical Puzzle of the Lumbopelvic Region, (Presented), Richard Stockton College of New Jersey, 13 CCU

2011

Delaware Orthopaedic Symposium- Fourth Annual, Medical Society of Delaware

Bridging to Best Practice: Translating Evidence to Improve Efficiency, Effectiveness, and Marketability, APTA

Real-World Pharmacology: Analgesic, Anti-inflammatory, and Antidepressant Agents, APTA, 3 CCU

Functional Foot and Ankle, Gray Institute, Brett Bloom, DPT, CSCS, 7.5 CCU

Functional Lumbar Spine, Gray Institute, Brett Bloom, DPT, CSCS, 7.5 CCU

Cadaver Dissection, Laboratories of Anatomical Enlightenment, Todd Garcia

VM-3 Visceral Mobilization of the Pelvis, Barral Institute, Gail Wetzler PT, EDO, BI-D

2010

Functional Hip, Gray Institute, Brett Bloom, DPT, CSCS, 7.5 CCU

Functional Shoulder, Gray Institute, Brett Bloom, DPT, CSCS, 7.5 CCU

Third Annual DE Orthopaedic Symposium, Delaware Academy of Medicine

Functional Movement Screen, Functional Movement Systems, Eric Dagati, 12 CCU

Visceral Manipulation: Abdomen 2, Barral Institute, Gail Wetzler, PT, CVMI, BID

2009

Balance Disorders and Vestibular Dysfunction, Vincent Schmidt, PT, 14 CCU

Integrative Prescriptive Exercise for the Spine, Costal Cage and Pelvis, Integrative Manual Therapy Solutions, Maria Meigel, DPT, OCS, CFMT, CSCS, 16 CCU

Visceral Manipulation 1, Barral Institute, Jean Anne Zollars M.A., P.T., BI-D

Functional Manual Therapy Forum, Institute of Physical Art, Gregory Johnson PT, FFCFMT, Vicky Saliba Johnson PT, FFCFMT

2008

Foot and Ankle, NAIOMT, Kathy Stupansky, PT, DSc, OCS, FAAOMPT , 14 CCU

Management of Upper Thoracic and Rib Cage in Upper Quarter Dysfunction, AAOMPT, Dr. Timothy W. Flynn PT, PhD, OCS, FAAOMPT, 8 CCU

Spinal Manipulation: Thrusting Physical Therapy Forward, NAIOMT, 8 CCU

An Evidence Enhanced Course in the Biomechanics, Assessment, and Manipulation of the Upper Cervical Spine, NAIOMT, Erl Pettman PT, MCSP, MCPA, FCAMT, 14 CCU

Evidence-based Examination and Selected Interventions for Patients with Lumbopelvic and Hip Disorders, Evidence In Motion, David Browder DPT, OCS, 15 CCU

Medical Screening for PT's: A Life Span Approach, APTA, Dawn T. Gulick PT, PhD, ATC, CSCS, 7 CCU

Office-based X-ray Film Interpretations: How to See the Forest from the Trees, APTA, 0.3 CCU

Assessment of Arthritic Disorders: Making Radiology Work for You, APTA, 0.3 CCU



Fracture Healing Assessment: Using the Films for Therapy Planning, APTA, 0.3 CCU

MRI: Practical Interpretation and Integration Into Patient Care, APTA, 0.3 CCU

Putting it All Together: Radiological Assessment of Lower Back Pain, APTA, 0.3 CCU

Vision 2020, APTA, R. Scott Ward, PT, PhD, 0.1 CCU

Health Care in the 2008 Elections: A Policy Perspective From Both Parties, APTA, Jeanne M. Lambrew, 0.1 CCU

Town Hall Meeting, APTA, John D. Barnes, 0.1 CCU

2007

Headache, Dizziness and Chronic Neck Pain, NAIOMT, James Meadows BScPT, MCPA, FCAMT, 21 CCU

Mobilization of the Nervous System, Neuro-Orthopedic Institute, Adriaan Louw PT, M.App.Sc (physio), GCRM, CSMT, 14 CCU

High Velocity Thrust in the Management of Spinal Dysfunction, Widener University, Christopher H. Wise, PT, DPT, OCS, FAAOMPT, MTC, ATC, 3 CCU

Organ Specific Fascial Mobilization, Barral Institute, Gail Wetzler PT, EDO, BI-D

Teaching Assistant- Functional Orthopedics II

Clinical Education Instructor Education and Credentialing Program, APTA, 15 CCU

2006

Proprioceptive Neuromuscular Facilitation II, Institute of Physical Art, Michael Baum, BSPT, CFMT, 30 CCU

Clinical Reasoning in Manual Physical Therapy, NAIOMT Symposium, Erl Pettman PT, MCSP, MCPA, FCAMT, James Meadows BScPT, MCPA, FCAMT, 14 CCU

An Integration of Manual Physical Therapy, NAIOMT Symposium, 8 CCU

Clinical Reasoning in Differential Diagnosis, James Meadows BScPT, MCPA, FCAMT

2005

Back Education and Training, Institute of Physical Art, Vicky Saliba Johnson PT, FFCFMT, 20 CCU

Extremity Manipulation, James Meadows BScPT, MCPA, FCAMT

Proprioceptive Neuromuscular Facilitation I, Institute of Physical Art, Vicky Saliba Johnson PT, FFCFMT, 28 CCU

Functional Shoulder Girdle, NAIOMT, Erl Pettman PT, MCSP, MCPA, FCAMT, 21 CCU

Re-evaluate Your Approach to Shoulder Treatment, Phillip B. Donley, PT, ATC, MS, 7 CCU

2004

PNF Gait, Institute of Physical Art, Gregory Johnson, PT, FFCFMT, 20 CCU

Cervicothoracic Integration, Integrative Manual Therapy Solutions, Robert Spagnoli, MS, PT, CFMT, 30 CCU

Lumbopelvic Integration, Integrative Manual Therapy Solutions, Robert Spagnoli, MS, PT, CFMT, 30 CCU

2003

Back Education Training, Institute of Physical Art, Karen Johnson, PT, 20 CCU

Functional Mobilization of the Lower Quarter, Institute of Physical Art, Gregory Johnson PT, FFCFMT, 31 CCU

Functional Mobilization of the Upper Quarter, Institute of Physical Art, Gregory Johnson PT, FFCFMT, 33 CCU

2002

Functional Orthopedics II, Institute of Physical Art, Gregory Johnson PT, FFCFMT, 31 CCU

Functional Orthopedics I, Institute of Physical Art, Cheryl Wardlaw PT, MMSc, 30 CCU

2001

Proprioceptive Neuromuscular Facilitation I, Institute of Physical Art, Tilly Peterson, PT, 28 CCU

2000

Mobilization of the Nervous System, David Butler, PT

1998

S-3 Advanced Evaluation and Manipulation of Cranio-Facial, Cervical, and Upper Thoracic Spine, Institute of Physical Therapy, Russel Smith, M.M. Sc, PT, OCS, 32 CCU

Direct Action Thrust: Mobilization with Impulse, Michigan State University, College of Osteopathic Medicine, Philip E Greenman, D.O., 332 CCU

1997

S-2 Advanced Evaluation and Manipulation of Pelvic, Lumbar and Thoracic Spine, Institute of Physical Therapy, Larry Yack, PT, 27 CCU

1996

MF1-Myofascial Manipulation, Institute of Physical Therapy, Robert I. Cantu, P.T, M.Msc., 24 CCU

Level 1 Muscle Energy, Michigan State University, College of Osteopathic Medicine, Philip E. Greenman, D.O., 40 CCU

1995

Diagnosis and Treatment of Muscle Imbalances and Associated Movement Impairment Syndromes, Shirley Sahrmann, Ph.D., 11.5 CCU

1994

Biomechanical Model for Evaluation and Treatment of the Lumbar Spine and Pelvis, Michigan State University, College of Osteopathic Medicine, Mark Bookhout, MS, PT

S-1 Introduction to Spinal Evaluation and Manipulation, Institute of Physical Therapy, Larry Yack, PT, 55 CCU

1993

Knee Injuries: Recent Advances in Medical, Surgical and Rehabilitative Techniques, JFK Medical Center, 4 CCU

Therapeutic Interventions Using the Swiss Ball, Joanne Posner-Mayer, PT, 7.5 CCU

**CONSULTATIVE AND ADVISORY POSITIONS HELD:**

Chester Community Physical Therapy Clinic- Advisory Board Member 2015-Current

Chester Community Physical Therapy Clinic- Faculty Supervisor Liaison 2016-Current

Chester Community Physical Therapy Clinic- Faculty Board Member, Supervisor Liaison 2016- Current

Reviewer: Journal of Manual and Manipulative Therapy 2013-Current

Reviewer: The Free Clinic Research Collective 2018

**SERVICES TO THE UNIVERSITY/COLLEGE/SCHOOL ON COMMITTEES/COUNCILS/COMMISSIONS:**

Unit Level:

Student Recruitment and Retention Committee 2018

Committee Chair May 2018- Present

Unit Faculty Search Committee 2019

Visiting Professor Search Committee 2018

Admissions Committee 2012- Current

Chester Community Physical Therapy Clinic- Pro Bono Clinic Supervisor, Aug 2012- Current

DPT Class of 2018 Advisor 2015- 2018

Graduation Committee 2016, Chair 2017-2018

Promotion, Tenure and Academic Freedom Committee 2012- Current

Faculty Meeting Agenda/ Organizer 2013-2014, 2017-2018

Faculty Meeting Minutes/ Secretary 2013-2014, 2017-2018

Continuing Professional Education Committee

Outcomes Assessment Committee, Aug 2012- May 2013, Aug 2016- Current

Diversity Committee, Aug 2012- 2016

Student Interprofessional Day Committee, 2012- 2014

Comprehensive Exam Committee, Aug 2013- 2015

Academic Standards Review Committee, Aug 2012- May 2013

School Level:  
Academic Affairs/ Secretary Aug 2019-Present

International Interprofessional Study Abroad/ Faculty Lead (Costa Rica) July 25 to August 4, 2018

Academic Council, 2017- 2019

Faculty Affairs, 2015-2017

**CURRENT TEACHING RESPONSIBILITIES IN THE PHYSICAL THERAPY PROGRAM:**

Fall Semester: PT 725 Kinesiology, PT 736 Musculoskeletal III Spine Orthopedics, PT 880 Client Management V (Spinal Manipulation), PT 893 Manual Therapy Elective

Spring Semester: PT 727 Musculoskeletal I (Spine Imaging and Pathophysiology), PT726 Multisystems Examination, Evaluation and Diagnosis (Lab Assistant)

Summer Semester: PT 732 Musculoskeletal II Extremity Orthopedics, PT894 - Advanced Practice IV: Global Health: Section B (2018)

All Semesters: PT 770 Grand Rounds