**Date** September 11, 2024

**Contact Information**

Business Address: Physical Therapy and Rehabilitation Science

Allied Health Research Building

100 Penn Street

Room 315C

Baltimore, MD 21201

Business Phone Number: (410)706-2961

Email: kkaplan@som.umaryland.edu

**Education**

1999 B.S., Health Science, University of the Sciences in Philadelphia

1999 M.P.T., University of the Sciences in Philadelphia

2016 D.P.T., A.T. Still University

2021 EdD, Curriculum and Teaching, Nova Southeastern University

Advisor – Michelle Tenam-Zemach, EdD

“Cultural Competence in Doctor of Physical Therapy Education: Applying Mental Contrasting with Implementation Intentions to Classroom and Clinical Practice”

**Certifications**

2001 Certified Clinical Instructor, American Physical Therapy Association

2005 Certified Clinical Instructor, Florida Consortium of Clinical Education

2007 Certified Orthopedic Manual Therapist, Maitland Australian Physiotherapy Seminars

2011 Board Certified in Orthopedic Physical Therapy, American Board of Physical Therapy Specialties

2021 Certified Exercise Expert for Aging Adults, American Physical Therapy Association Geriatric Academy

**Physical Therapy Licensure**

1999 Inactive, Pennsylvania

2004 Active, Florida

2021 Active, Maryland

**Employment History**

**Academic Appointments**

2022-present Assistant Professor, Non-tenure track, Department of Physical Therapy & Rehabilitation Science, University of Maryland School of Medicine

2018-2022 Assistant Professor, Department of Physical Therapy, Nova Southeastern University

2014-2018 Instructor, Department of Physical Therapy, Nova Southeastern University

**Other Employment**

1999 – 2001 Clinic Manager, Concentra Medical Centers

2001 – 2002 Clinic Manager, Cora Rehabilitation Clinics

2003 – 2004 Clinic Manager

2004 – 2005 Staff Physical Therapist, Gold Coast Physical Therapy

2005 – 2006 Staff Physical Therapist, Wellington Physical Therapy

2006 – 2010 Clinic Manager, PT Centers

2010 – 2016 Staff Physical Therapist, Delray Medical Center

2014 – 2018 Physical Therapist and Clinical Instructor,

Nova Southeastern University PT/OT Clinic

2018 – 2020 Physical Therapist and Clinical Instructor,

North Broward Medical Center

**Professional Organization Memberships**

1999 – present Member, American Physical Therapy Association

Orthopedic, Geriatric, and Education Academies

Member, Academic Faculty Special Interest Group

Member, Scholarship of Education Special Interest Group

2005 - 2007 American Academy of Orthopedic Manual Therapy

2019 Alpha Eta National Honor Society

2019 American Academy of Teaching and Curriculum

**Clinical Activities**

**Clinical Expertise**

Orthopedic Manual Physical Therapy

**Scope of Clinical Practice**

Outpatient orthopedic physical therapy practice

Acute care physical therapy practice

Vestibular rehabilitation

Aquatic physical therapy practice

Occupational rehabilitation

Residency mentorship

**Administrative Service**

**Institutional Service**

2018 – 2021 Member, College-Wide Appeals Committee, Pallavi Patel College of Health Care Sciences, Nova Southeastern University

2018 – 2022 Member, Professional Doctor of Physical Therapy Committee on Admissions, Nova Southeastern University

2018 – 2022 Faculty Liaison to Student Physical Therapy Association, Nova Southeastern University

2019 Member of Movement Analysis Task Force, Nova Southeastern University

2022-present Member, University of Maryland School of Medicine Council

2022-present Member, University of Maryland School of Medicine

Physical Therapy and Rehabilitation Science Curriculum Committee

2023 Member, University of Maryland School of Medicine

Strategic Plan Education Work Force

2024 Member, University of Maryland School of Medicine

Medical Education Leadership Academy

**Local and National Service**

2014 - present Ad Hoc Reviewer, *Strength and Conditioning Journal* (2x/yr)

2014 - present Ad Hoc Reviewer, *Journal of Allied Health* (4 x/yr)

2015 Item Writer, National Physical Therapy Examination, Federation of State Boards of Physical Therapy

2016 - present Ad Hoc Reviewer, *Internet Journal of Allied Health Sciences and Practice* (2x/yr)

2017 – 2018 Item Writer, Specialization Academy of Content Experts, American Board of Physical Therapy Specialties

2018 - 2023 Member, Committee of Content Experts in Orthopedics, American Board of Physical Therapy Specialties

2020 - present Editorial Board Member, *Topics in Geriatric Rehabilitation* (2x/yr)

2021 - 2024 Subject Matter Expert for Revalidation of Description of Orthopedic Specialty Practice, American Board of Physical Therapy Specialties

2022-present Associate Editor, *Physiotherapy Theory and Practice*

2023-2026 Member, Specialty Council in Orthopedics, American Board of Physical Therapy Specialities

**Teaching Service**

**Professional Doctor of Physical Therapy Teaching**

2014 – 2018 Laboratory Faculty

Musculoskeletal I Lab (PHT 6810L)

50, 2nd year physical therapy students, 2 credits

4 hours/week

Laboratory Faculty

Musculoskeletal II (PHT 6820)

50, 2nd year physical therapy students, 4 credits

8 hours/week

Laboratory Faculty

Musculoskeletal III (PHT 6830)

50, 2nd year physical therapy students, 4 credits

8 hours/week

2018 - 2022 Course Leader and Lecturer

Clinical Skills I (PHT 6710)

50, 1st year physical therapy students, 4 credits, 8 hours/week

Course Leader and Lecturer

Clinical Skills II (PHT 6720)

50, 1st year physical therapy students, 3 credits, 6 hours/week

Course Leader and Lecturer

Physical Agents (PHT 6815)

50, 1st year physical therapy students, 2 credits, 3 hours/week

Laboratory Faculty

Musculoskeletal I Lab (PHT 6810L)

50, 2nd year physical therapy students, 2 credits, 4 hours/week

2022 – present Block Leader and Lecturer

Basic Sciences III (DPTE 514)

70, 1st year physical therapy students, 14 credits

Lecturer and Laboratory Faculty

Basic Sciences I (DPTE 511)

70, 1st year physical therapy students

Lecturer and Laboratory Faculty

Basic Sciences II (DPTE 513)

70, 1st year physical therapy students

Lecturer and Laboratory Faculty

Musculoskeletal I (DPTE 522) and II (DPTE 523)

70, 1st year physical therapy students

Laboratory Faculty

Medical Issues (DPTE 520)

70, 2nd year physical therapy students

**Graduate School Teaching**

2024 Course Leader

PTRS 702 (Seminars in Teaching I)

PhD Students

2023 Dissertation Committee Member

Nova Southeastern University

Department of Physical Therapy

Jessica Hartmann, “The Impact of a Mindfulness Meditation on

Perceived Stress, Anxiety, and Resilience of DPT Students”

2023 Dissertation Committee Member

Nova Southeastern University

Department of Physical Therapy

Ryan Monti, “Throwing Arm Strength Characteristics and Clinician Utilization of Dynamometry in High-School Aged Baseball Athletes”

**Transitional Doctor of Physical Therapy Teaching**

2017 - 2022 Course Leader

Introduction to Clinical Reasoning, Disablement Models, and Differential Diagnosis (PHT 7215)

20 Transitional Doctor of Physical Therapy students, 3 credits

Online format with one synchronous session

Course Leader

Advanced Differential Diagnosis (PHT 7615)

20 Transitional Doctor of Physical Therapy students, 3 credits

Online format with one synchronous session

Course Leader and Facilitatory for Pharmacology Content

Pharmacology/Radiology (PHT 7415)

20 Transitional Doctor of Physical Therapy students, 4 credits

Online format with one synchronous session

Course Leader

Patient/Client Management: Upper Quadrant (PHT 7878)

10 Transitional Doctor of Physical Therapy students, 4 credits

Online format with 3-day synchronous session

Course Leader

Patient/Client Management: Distal Extremity (PHT 7879)

10 Transitional Doctor of Physical Therapy students, 3 credits

Online format with 2-day synchronous session

**Clinical Teaching**

1999 – 2014 Supervised 10 physical therapy and physical therapy assistant students during terminal clinical experiences

2014 – 2018 Supervised over 100 professional physical therapy students yearly during Integrated Clinical Experiences in outpatient setting and 2 students during terminal clinical experiences

2018 – 2021 Supervised 50 professional physical therapy students yearly during acute care Integrated Clinical Experiences

2020 – 2021 Clinical Mentor, Orthopedic Physical Therapy Residency Program

1 Resident, 3 hours/week for 16 weeks

**Publications**

**Peer-Reviewed Journal Articles**

1. Olivencia, O., **Shamash (Kaplan), K**., Kreymer, B., & Kolber, M. J., (2017). Post-rehabilitation considerations for cervical disc herniation*. Strength and Conditioning Journal, 39(*3):46-57
2. **Kaplan, K**., Hanney, W. J., Cheatham, S., Masaracchio, M., Xinliang, L., & Kolber, M. J. (2017). Rotator cuff tendinopathy: An evidence-based overview for the sports medicine professional*. Strength and Conditioning Journal, 40*(4), 61-71.
3. **Kaplan, K**., Olivencia, O., Dreger, M., Hanney, W. J., & Kolber, M J. (2019). Achilles tendinopathy: An evidence-based overview for the sports medicine professional. *Strength and Conditioning Journal*, *41*(5), 24-40.
4. Olivencia, O., Godinez, G.M., Dages, J., Duda, C., **Kaplan, K**., & Kolber, M. J. (2020). The reliability and minimal detectable change of the Ely and Active Knee Extension tests. *International Journal of Sports Physical Therapy, 15*(5), 776-782.

Played an integral role in developing methodology, data collection, and report-writing. Supervised student participation in capstone project.

1. Olivencia, O., **Kaplan, K**., Dreger, M., Marlowe, K., Kais, A., & Veloz, M (2021). Post-rehabilitation considerations for temporomandibular dysfunction. *Strength and Conditioning Journal, 43*(6), 14-28.
2. Russ, B., **Kaplan, K**., & Martin, K. (2022). Regenerative rehabilitation for lateral epicondylalgia. *Biologic Orthopedic Journal. 4*(SP1), e61-e82.
3. Hanney, W.J., Haynes, D., Cundiff, M., Bucci M., Kolber, M.J., **Kaplan**, **K**., Wilson, A.T.  The effect of a standardized training program to enhance the therapeutic alliance in patients with low back pain: a mixed methods analytical approach. (2023).  *Journal of Allied Health, 52*(4), 289-296.
4. **Kaplan, K**., Tenam-Zemach, M., & Reeves, J. (2023). Improving cultural humility in physical therapy students: What is faculty’s role? *Physiotherapy Theory and Practice.* https://doi.org/10.1080/09593985.2023.2252053
5. Olivencia, O., **Kaplan, K**., Graham, A. Herpich, N., Memmo, L., & Kolber, MJ. (2024). The reliability and minimal detectable change of common tests and measures for temporomandibular disorders. *Physiotherapy Theory and Practice*. 1-11. https://doi.org.10.1080/09593985.2024.2375043.

**Major Invited Speeches**

1. “Team-Based Learning: Transitioning from Guru to Guide”; American Council of Academic Physical Therapy; Webinar; December 2023

**Proffered Communications**

1. **Kaplan, K**., Tenam-Zemach, M. Cultural Competency in Doctor of Physical Therapy Education: Application of WOOP to Classroom and Clinical Practice, American Academy of Teaching and Curriculum, Birmingham, AL, Issues and Ideas Presentation, 2019

**Posters/Published Abstracts**

1. **Kaplan, K**., Tenam-Zemach, & Reeves, J. Improving cultural humility in physical therapy education: What is faculty’s role? American Physical Therapy Association Combined Sections Meeting, San Diego, CA, 2023.
2. Olivencia, O., **Kaplan, K**., Herpich, N., Graham, A., Memmo, L., & Kolber, M. The Reliability and Minimal Detectable Change of Common Clinical Measurements of The Temporomandibular Joint. Accepted for presentation at American Physical Therapy Association Combined Sections Meeting, Boston, MA, 2024.

**Continuing Education Attended:**

2024 APTA Combined Sections Meeting, Boston, MA

2023 APTA Education Leadership Conference, Philadelphia, PA

2023 APTA Combined Sections Meeting, San Diego, CA

2021 Certified Exercise Expert for Aging Adults Course 3: Exercise Prescription Special Populations and Considerations, Fort Lauderdale, FL (Gravano, T., Heizman, J., & Quiben, M.)

2021 Certified Exercise Expert for Aging Adults Course 2: Exercise Prescription and Consensus Guidelines, Fort Lauderdale, FL (Gravano, T.)

2021 Certified Exercise Expert for Aging Adults Course 1: Introduction and Examination, Fort Lauderdale, FL (Gravano, T., Heizman, J., & Quiben, M.)

2021 APTA Combined Sections Meeting, Virtual Attendance

2020 APTA Combined Sections Meeting, Denver, CO

2019 APTA Combined Sections Meeting, Washington, DC

2018 Specialization Academy of Content Experts Item Writing Workshop II,

New Orleans, LA

2018 APTA Combined Sections Meeting, New Orleans, LA

2017 Kinesiotaping Fundamental Concepts (KT-1) and Advanced Concepts (KT-2), Kinesiotaping Association International, Fort Lauderdale

2017 Specialization Academy of Content Experts Item Writing Workshop I,

San Antonio, TX

2017 APTA Combined Sections Meeting, San Antonio, TX

2017 Movement Dysfunction: Advances in Stabilization for the Lumbopelvic-Hip Complex, Nova Southeastern University, Department of Physical Therapy Alumni & Community Partners Day (Kaplan, K & Sprague, P.)

2016 Physiological Changes of Aging, Nova Southeastern University, Department of Physical Therapy Alumni & Community Partners Day (Kaplan, K.)

2015 Differential Diagnosis of Mechanical vs. Visceral Low Back Pain, Nova Southeastern University, Department of Physical Therapy Alumni & Community Partners Day (Kaplan, K.)

2015 Manual Therapy for the Shoulder: A Maitland Approach, Delray Medical Center/

Pinecrest Rehabilitation Hospital (Kaplan, K)

2015 Federation of State Boards of Physical Therapy, National Physical Therapy Examination Regional Item Writer Workshop, West Palm Beach, FL (Woolf, R.)

2014 MT-S Stabilization Training & Functional Rehabilitation Seminar, Maitland Australian Physiotherapy Seminars, Orlando, FL (Burnette, M.)

2014 Microcurrent Point Stimulator Advanced Circuits Course, Acumed Medical Ltd,

Miami, FL (Miller, L.)

2013 Sacroiliac Joint Dysfunction, Delray Medical Center/Pinecrest Rehabilitation Hospital (Kaplan, K.)

2013 Microcurrent Point Stimulator Introductory Course, Acumed Medical Ltd,

West Palm Beach, FL (Cedeno, M.)

2013 Weight Training for Rehab, Function and Fitness, International Weightlifting Association (Norton, J.)

2012 Myofascial Trigger Points and Proprioceptive Therapy, Hands on Seminars, Miami, FL (Allen, J.)

2012 Temporomandibular Joint Dysfunction, Delray Medical Center/ Pinecrest Rehabilitation Hospital (Kaplan, K.)

2011 Differential Diagnosis of Cervical and Shoulder Dysfunction, Delray Medical Center/Pinecrest Rehabilitation Hospital (Kaplan, K.)

2011 MT – O Orthopedic Diagnostic Examination Seminar, Maitland Australian Physiotherapy Seminars, Philadelphia, PA (Wobeser, K.)

2011 Current Concepts in Orthopedic Physical Therapy, Orthopedic Section, APTA

2009 Meditation for Chronic & Acute Pain: Learn, Practice & Teach, Meditation for Wellbeing, LLC, Highland Beach, FL (Levine, M.)

2008 Strength Training for Seniors - International Weightlifting Association

2007 Back Education and Training, The Institute of Physical Art Inc, Pittsburgh, PA (Davine, A.)

2007 MT-5 Certification for Maitland Australian Physiotherapy Seminars, Chicago, IL

(Showalter, C. & Kabbaz, V.)

2007 MT-R Maitland Australian Physiotherapy Seminars, Chicago, IL (Kabbaz, V.)

2006 MT-4 Differential Assessment & Clinical Reasoning Seminar, Maitland Australian Physiotherapy Seminars (Kabbaz, V.)

2006 MT-3 Intermediate Spinal Seminar, Maitland Australian Physiotherapy Seminars, Jacksonville, FL (Musick, J.)

2006 MT-1 Basic Peripheral Seminar, Maitland Australian Physiotherapy Seminars, New York, NY (Fleming, B.)

2005 MT-2 Basic Spinal Seminar, Maitland Australian Physiotherapy Seminars, Jacksonville, FL (Cook, C.)

2005 Proprioceptive Neuromuscular Facilitation I, The Institute of Physical Art Inc,

Pompano Beach, FL

2005 Advanced Concepts in Knee Dysfunction Evaluation and Treatment, Advanced Integrated Manual Physical Therapy, Boynton Beach, FL (Trickett, N.)

2005 Clinical Educator’ Certification Workshop, Florida Consortium of Clinical Education, West Palm Beach, FL (Weil, S.)

2005 Recent Advancements in Spinal Surgery: Clinical Application for Physical Therapists, FPTA Southeast District, Fort Lauderdale, FL

2002 S-2 Advanced Evaluation & Manipulation of Pelvic, Lumbar, and Thoracic Spine, University of St. Augustine, Pittsburgh, PA (Irwin, M.)

2001 American Physical Therapy Association Clinical Instructor Education and Credentialing Program, Pittsburgh, PA (Phillips, M.)

2001 MF-1 Myofascial Manipulation, University of St. Augustine, Pittsburgh, PA

2001 “When the Feet Hit the Ground Everything Changes”, American Physical Rehabilitation Network, Pittsburgh, PA (Smith, M. & Woltz, J.)

2000 S-1 Introduction to Spinal Evaluation & Manipulation, University of St. Augustine, Pittsburgh, PA

1999 Examination and Treatment of Mechanical Derangement of the Thoracic and Lumbar Spine, Integrated Rehabilitation Services, Inc., Pittsburgh, PA (Woodman, R. & Murray, D.)

**Non-Clinical Professional Development**

2021 Gender and Sexuality: Diversity in the Workplace; University of Pittsburgh

2021 Managing Emotions in Times of Uncertainty & Stress; Yale University

2021 Inclusive and Ethical Leadership; University of South Florida Muma College of Business

2021 Diversity, Equity, & Inclusion in the Workplace; University of South Florida Muma College of Business

2021 Diversity, Equity, & Inclusion 4-course series/Nova Southeastern University Fischler College of Education

2019 American Association of Teaching & Curriculum 25th Annual Meeting,

Birmingham, AL