

Resume

Moshe Marko
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Education

Doctor of Philosophy
Syracuse University
Department of Exercise Science
May 2012

Doctor of Physical Therapy
Massachusetts General Hospital Institute of Health Professions
Physical Therapy
December, 2008

Masters of Health Science
Washington University
Health Sciences/Physical Therapy
August, 1997

Bachelor of Physiotherapy
University of Tel-Aviv
School of Medicine
August, 1990

Licensure Information

Active New York license no. 019301-1
Active Israeli license no. 10-119543

Certifications

- Board Certified Orthopedic Physical Therapy Specialist (OCS); American Physical Therapy Association; June, 2008 - Present
- Board Certified Strength & Conditioning Specialist (CSCS)
American National Strength and Conditioning Association (NSCA); July, 2007 – Present
- Functional Movement Screen certification (FMS)
- Certified Selective Functional Movement Assessment (SFMA)

Employment and Positions Held

Pro-Bono - Physical Therapy Consulting Position

Lota clinics

Haifa, Israel

2020 – Present

Assistant Clinical Professor, Department of Physical Therapy

School of Health Sciences

Clarkson University, Potsdam, NY

2016 - Present

Adjunct Professor, Department of Physical Therapy

School of Allied Health Professions

Ariel University

Israel

2013 – 2016

Owner of two (2) Physical Therapy Out-Patient Clinics

Ra'Anana and Tiberias, Israel

2013 – 2016

Senior Physical Therapist

Ma'Agalim Physical Therapy Geriatric Rehabilitation Clinic

Tel Ytzhak' Israel

2012 – 2013

Physical Therapist

Mary Mauro-Bertolo Physical Therapy Services

Cicero, New-York

2003–2012

Clinical Assistant Professor, Department of Physical Therapy Education

SUNY upstate Medical University

Syracuse, NY

October 2003 – October 2012

Graduate Assistant/Teaching Assistant, Department of Exercise Science

Syracuse University

Syracuse, NY

2002-2003

Senior Physical Therapist
HealthSouth Out-Patient clinic
Utica, New-York
1999-2001

Assistant Professor of Physical Therapy, Department of Physical Therapy
Utica College of Syracuse University
Utica, NY
1998-2001

Assistant Academic Clinical Coordinator
Utica College of Syracuse University
Utica, NY
1998–2001

Senior Physical therapist, Site Coordinator
HealthSouth Out-Patient clinic
Ellisville, Missouri
1996-1998

Physical Therapist, Nursing Home
Delmar Gardens
St. Louis, Missouri
1995-1997

Physical Therapist
Lutheran Medical Center
St. Louis, Missouri
1994-1995

Physical Therapist
Marry Free Bed Hospital
Grand Rapids, Michigan
1992-1994

Physical Therapist
Belinson Medical Center
Petah-TiKva, Israel
1989-1991

Physical therapist
Tiberias, Israel
1991-1992

Physical therapist
Home Health Services
Tel-Aviv, Israel
1990-1992

Peer Reviewed Publications:

Marko, M.; Neville, C.; Prince, M.; Ploutz-Snyder, L., **Lower Extremity Force Decrements Identify Early Mobility Decline Among Community Dwelling Older Adults**. Phys Ther. 2012 Sep;92(9):1148-59.

Manini, T.M.; Marko, M.; VanArnam, T.; Cook, S.B.; Ferenhall, B.; Burk, J.; Ploutz-Snyder, L., **Efficacy of Resistance and Task-Specific Exercise in Older Adults Who Modify Tasks of Everyday Life**, J.Gerontol.A Biol.Sci.Med.Sci., 2007, Jun; 62(6):616-623.

Manini, T.M.; Cook, S.B.; Vanarnam, T.; Marko, M.; Ploutz-Snyder, L., **Evaluating task modification as an objective measure of functional limitation: repeatability and comparability**, J.Gerontol.A Biol.Sci.Med.Sci., 2006, July;61(7): 718-725.

Peer Reviewed Scientific and Professional Presentations and Workshops:

Poster Presentation – “Using Subjective Vs. Objective Outcome Measures to Identify Pre-Clinical Disability Community Dweller Older Adults” – American Physical Therapy Association Combined Section Meeting – February 2022

Poster Presentation – “Extracorporeal Shock Wave Therapy Is an Effective Treatment of Plantar Fasciitis Syndrome” – American Physical Therapy Association Combined Section Meeting – February 2022

Platform presentation - “Assessing Gait Speed vs. Chair Rise Task to Identify Pre-Clinical Disability in Older Adults” – 2021 CSM – February 2021

McKenzie Approach to Low Back Pain – North Country – Educational Workshop – December 2019

Platform presentation – “Chair Rise Modification Test as a Surrogate of Gait Speed in Community Swelling Older Adults Living Independently” – American Physical Therapy Association Combined Section Meeting - January 2019

Poster presentation – “Usefulness of Lower Extremity Muscle Strength Thresholds for the Detection of Functionally Independent Older Adults at Risk for Mobility Disability” – American Physical Therapy Association Combined Section Meeting - January 2019

Mid-Range High Velocity Manipulation of the Cervical & Thoracic Spine – North Country – Educational Workshop – 11-29/2018

“Methodological Approach to Movement System Screening, Assessment, and Intervention”.
Presented at NYAPTA – Central District Continuing Education Session – October 2018

Functional Movement System (FMS) Instructor – 2013 - Present

"Isometric Lower Extremity Muscle Strength is Associated with Modifications of Daily Tasks Among Older Adults ≥ 65 Years Living Independently in the Community". Presented at the 12th Israeli Physiotherapy Association Conference – May 2012

“Lower Extremity Muscle Strength is Associated with Modifications of Daily Tasks Among Older Adults ≥ 65 Years Living Independently in the Community”.
Presented at a Physical Therapy Conference organized by the New York Physical Therapy Association – October 2011

“Food for Thought: understanding the role of nutritional concepts in physical therapy practice”. Presented at the Physical Therapy Spring Symposium held at SUNY Upstate Medical University in March 2006.

“Survival of the Fittest: Simple Tools for Cardiovascular Risk Stratification in Physical Therapy Practice”. Presented at the Physical Therapy Spring Symposium held at SUNY Upstate Medical University in March 2006.

“The Scientific Art of Exercise Prescription”. Presented at the Physical Therapy Spring Symposium held at SUNY Upstate Medical University in March 2005.

Non-Peer Reviewed Presentations

Plan and participate in health fairs at SUNY Upstate Medical University

SUNY Upstate Healthlinks Speaker

Survival of The Fittest: it’s all about Healthy Choices: Volunteer speaker at Congregation Bet – Shalom.

Fit for Life Public Event: Central District NYPTA PT Month activity 2004

Participated in the Eighteen Annual Charles R. Ross Research Poster Session: 12-02-04. Title: Influence of Isotonic Contraction Velocity on Localized Muscle Activation Pattern and Fatigue

Participated in the Nineteen Annual Charles R. Ross Research Poster Session: 11-30-05. Title: Sex Differences in Human Muscle Function Following Exercise at Differing Contraction Velocities

Funded/In Review Grant Activity

Research Enhancement Grant

\$2250.00
College of Health professions at SUNY Upstate Medical University
2009

Research Enhancement Grant
\$2180.00
College of Health professions at SUNY Upstate Medical University
2006

Creative Research Grant
\$610.00
Syracuse University
2006

Creative Research Grant
Syracuse University
2005

Creative Research Grant
Syracuse University
2003

Sydney Young Research Grant
\$500.00
Syracuse University
2003

Current/Active Research Activity

Active

April 2021 – collaborating with CU and SUNY Upstate Medical University of a manuscript entitled: “Assessing chair-rise task modification identifies slow gait speed in older adults”.

Developing study methodology and IRB proposals for predictive validity of screening tools intended to identify older adults living independently in the community otherwise classified as “pre-clinically disabled”.

October, 2018 - PM&R Manuscript Reviewer: Title: “Are there differences in muscular activation to maintain balance between individuals with chronic obstructive pulmonary disease and controls”? Article Type: Original Research” Ref. No.: PMRJOURNAL-D-18-00154

May, 2018 - PM&R Manuscript Reviewer: Title: “Test-retest reliability of dynamic balance performance-based measures among adults with a unilateral lower-limb amputation Article Type: Original Research” Ref. No.: PMRJOURNAL-D-18-00164

Membership in Scientific/Professional Organizations

American National Strength & Conditioning Association
American Physical Therapy Association
Israeli Physical Therapy Association

Services to Departmental/University/School on Committees/Councils/Commissions

Educational Ambassador
APTA – American Physical Therapy Association
PTMovesMe
PT Moves Me Student Recruitment Campaign
2021 - Present

Departmental Research Sub-Committee
School of physical therapy
Clarkson University
2020 – Present

Departmental faculty liaison to students' class representatives
School of physical therapy
Clarkson University
2020 – Present

Departmental Tutor training sub-committee
School of physical therapy
Clarkson University
2020 – Present

Research and Project Showcase – Judge
Clarkson University
2018 - 2019

Campus Safety Subgroup
Clarkson University
2016 - 2017

Wellness Committee
SUNY Upstate Medical University
2005 – 2008

College of Health Professions Social Committee
SUNY Upstate Medical University
2005 – 2012

Professional Service

NYAPTA alternate delegate for 2020

NYAPTA delegate for 2019

Serves on the Clarkson University Inter-Professional Education Committee

Honors and Awards and Patents

Winner of the 2011 Robert S. Salant Award to best research in New-York Physical Therapy Association Conference held on October 29, 2011 in Rye, New-York.

Sample of Continuing Education Attended

American Combined Section Meeting: 2023

Utilizing Diagnostic Imaging in Direct Access Physical Therapy: Where To Start and Where To Go: 2022

Musculoskeletal Ultrasonography of Upper Extremity with Special Focus in Sport and Performing Arts: 2022

American Combined Section Meeting: 2022

Modern Standard Arabic (ARAB 101): 2021

Logic for Critical Thinking (PHILL 330): 2021

American Combined Section Meeting: 2021

Advanced Applications of Pain Sciences: 2021

American Combined Section Meeting: 2019

Functional Capacity Screen & Assessment; 2019

Creating Learner Centered Classroom: 2017

Graston Technique Level 1: 2017

Fundamental Capacity Screen: 2017

Application of Pain Sciences: 2016

How to Respond to Difficult & Disruptive People When they Call, Email & Hover: 2016

Creating a Culture of Service Excellence: 2016

Conference on “Teaching Effectiveness”: 2016

Application of Pain Science: 2016

Treating Temporal-Mandibular Dysfunctions: 2015

Treating Mechanical Pain Through Mobility Enhancement: 2015

Selective Functional Movement Assessment Seminar (SFMA): 2012

Functional Movement Assessment Seminars (FMS): 2011

Motivational Interviewing: 2011

Proprioceptive Neuromuscular Facilitation (PNF) course: 2010

American National Conference for Personal Trainers: 2010

Part I: High-Velocity Low-Amplitude Thrust Manipulation of the Spine, Pelvis & Thorax: 2009

The International Conference on Strength Training: 2008

Impaired Patterns of Posture & Function: 2007

Differential Diagnosis & Manual Therapy of the Secondary Disc Related - 2007

Disorders of the Lumbar Spine: Disc, Facet Joint, Segmental Instability: 2007

Building the Ultimate Back: From Rehabilitation to High Performance: 2006

Differential Diagnosis & Manual Therapy of the SI Joint and Primary Disc-Related Disorders of the Lumbar Spine: 2006

APTA Workshop for New Faculty. Sponsored by the Education Section: 2005

APTA Florida Chapter Conference for Clinical Educators: 2000

Central New York Symposium on Exercise Physiology and Sports Medicine: 2002

Mid-Atlantic Regional Conference of the American College of Sports medicine:2002

APTA Combined Section Meeting: 2001

APTA Workshop for New Faculty. Sponsored by the Education Section: 1999

Current Teaching Responsibility in the Entry-Level Program

Semester 1

PT 505 Foundational Sciences for Physical Therapy: Tutor

PT 657 Advanced Clinical Skills: Course Coordinator and Lab Director

Semester 2

PT 518 Evidence-Based Practice: Instructor

Semester 3

PT 525 Musculoskeletal Physical Therapy: Course Coordinator, Lecturer and Lab Director