

**Rania Karim, PT, DPT**  
 Department of Physical Therapy  
 MGH Institute of Health Professions  
 36 1<sup>st</sup> Avenue  
 Boston, MA 02129-4557  
 (617) 724-0044  
 RKarim@mghihp.edu

**Education**

Doctor of Physical Therapy, Washington University in St. Louis, School of Medicine, St. Louis, MO 2008

Bachelor of Science Biological Sciences, Duquesne University, Pittsburgh, PA 2004

**Postdoctoral Training**

Associate Health Fellow, Geriatric Research Education and Clinical Center, Louis Stokes Veterans Affairs Medical Center, Cleveland, OH 2010-2012

**Certificates and Licensure**

MA Physical Therapy License (#23947) 2018  
 OH Physical Therapy License (#.012532) 2009  
 LSVT BIG Certified 2018  
 West Virginia Geriatric Education Center: Advanced Geriatric Skills 2013  
 American Board of Physical Therapy Specialists: Geriatric Clinical Specialist 2011-2031  
 American Physical Therapy Association Academy of Geriatrics: Certified 2010  
 Exercise Expert for Aging Adult

**Academic Appointments**

Assistant Professor, MGH Institute of Health Professions, Boston, MA 2019-Present  
 Associate Professor, Tenured, Marshall University, Huntington, WV 2013-2018  
 Clinical Assistant Professor, Department of Orthopedic Surgery, Joan C. Edwards School of Medicine, Marshall University, Huntington, WV 2015-2016

**Clinical Appointments**

Physical Therapist, Visiting Nurses Association, Arlington, MA 2021-2021  
 Physical Therapist, Innovive Health, Medford, MA 2020-2022  
 Physical Therapist, Life Care Centers of America, Stoneham, MA 2018-Present  
 Physical Therapist, St. Mary's Hospital, Huntington, WV 2015-2018  
 Physical Therapist, Elite Rehab and Fitness, Ironton, OH 2014-2015  
 Physical Therapist, University Hospitals Home Care, Cleveland, OH 2009-2012  
 Physical Therapist, St. Catherine's Rehabilitation Hospital and Villa Maria Nursing Center 2009  
 Geriatric Resident, St. Catherine's Rehabilitation Hospital and Villa Maria Nursing Center 2008-2009

**Honors and Awards**

Emerging Leader Award (American Physical Therapy Association) 2018

**Updated:** 7/8/22

Nominee for the Margaret L. Moore Award for Outstanding New Academic Faculty Member (American Physical Therapy Association)	2017
Nominee Outstanding Presentation Award (World Confederation for Physical Therapy Conference)	2015

**Grants**

**Current**

IMPACT Practice Center Innovations Pilots Aging Mastery Program \$5000 Role: Co-Principal Investigator	2022
-----------------------------------------------------------------------------------------------------------------	------

University of St. Augustine for Health Sciences Internal Grant Assessing Functional Outcomes Using Telehealth: Validity and Reliability in Older Adults \$5000 Role: Co-Principal Investigator	2021-Present
---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--------------

**Completed**

SBIR, PI Julie Keysor Augmented Reality Platform for Telehealth Rehabilitation Total: \$110,877 Role: Clinical Expert (5% salary support)	2022
----------------------------------------------------------------------------------------------------------------------------------------------------	------

I am an Athlete Foundation Impact of Exercise on Mood in Athlete's Participating in Adaptive Ice Hockey \$500 Role: Principal Investigator	2018
-----------------------------------------------------------------------------------------------------------------------------------------------------	------

Department of Health and Human Services Substance Abuse and Mental Health Services, Marshall University Screening, Brief Intervention, and Referral to Treatment (MUSBIRT) \$931,594 Role: Principal Investigator (5.53% salary support)	2015-2018
---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-----------

Hedrick Program Grant for Teaching Innovation. Interdisciplinary Education Proposal \$5,000 Role: Principal Investigator	2013-2014
-----------------------------------------------------------------------------------------------------------------------------------	-----------

Ohio Partnership for Adherence through Collaborative Education, PI: Andrea Jennings Improving Competency of Motivational Interviewing to Health Care Professionals \$17,500 Role: Clinical Expert	2012
------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	------

VISN 10 Research Initiative Program Award. Implementation of the Spaced Retrieval Technique by Caregivers \$7,519 Role: Principal Investigator	2011-2012
---------------------------------------------------------------------------------------------------------------------------------------------------------	-----------

**Updated:** 7/8/22

VHA Employee Health Promotion/Disease Prevention. 2011-2012  
Bike Racks for Commuters at Louis Stokes Cleveland VA Medical Center  
\$6,900  
Role: Principal Investigator

VHA Employee Health Promotion/Disease Prevention 2011-2012  
Equipped for Fitness  
\$2,500  
Role: Principal Investigator

## Publications

### Peer-Reviewed Articles

1. **Karim R**, Kneiss J. (2017) Dementia Syndrome *PTNOW*. Available online at: <http://www.ptnow.org/clinical-summaries-detail/dementia>.
2. Mehta S, Tiruttani R, Kaur M, MacDermid J, **Karim R**. Psychometric properties of the Hindi Version of the Disabilities of Arm, Shoulder, Hand: a pilot study. (2015). *Rehabil Res Pract*. DOI: 10.1155/2015/482378.
3. **Karim R**. Because you are never too old: exercise and older adults. (2012). *J Med Liban*. 60:24-28

### Magazines:

1. **Karim R**, Higgins PA, Hornick TR. Proposal for a clinic-based model of physical therapist consultation in a geriatric outpatient clinic. (2012). *Geriatr Notes*. 19(5):12-14.
2. **Karim R**. The Growing Decisions of Growing Up [Letter to the editor]. 2017. *PT Magazine*:18-19.

### Online Materials

**Karim, R**. Faculty Contributor/Editor. "Physical Therapy". Universal Notes for Medical Students. 2015.

### Peer Reviewed Presentations and Abstracts

Jasper A, Tayag E, **Karim R**, Vitente A, Uy S. The Validity of Virtually Obtained Functional Outcomes in Older Adults: A Pilot Study. Platform presented at Combined Sections Meeting, American Physical Therapy Association; 2022 February San Antonio, TX. Combined Sections Meeting, American Physical Therapy Association 2022

**Karim R**, Vitente A, Chamberlain D, Jasper A. Evidence-Based Clinical Applications of Telehealth Outcome Measures: Translation of Research to Practice. Session presented at Combined Sections Meeting, American Physical Therapy Association 2022

Jasper A, Uy Sam, Tayag E, Viente A, **Karim R**. Timed-up and Go in Telehealth: Is it Feasible in Older Adults? Poster presented at Combined Sections Meeting, American Physical Therapy Association 2022

Updated: 7/8/22

Pfost G, Jarvis A, Robinson J, Stevenson A, **Karim R**. Platform presentation. 2019  
2019 Mid-Atlantic Region III Hemophilia Treatment Centers Annual Meeting

**Karim R**, Foderaro F, Harper M, Jackson S, Pfost G. Substance Use 2018  
Disorder Education in Physical Therapy Curriculum. Platform presentation.  
Combined Sections Meeting, American Physical Therapy Association

**Karim R**, Abrams H, Keilholtz K, Kelley N, Moore L, Pfost G. Impact of 2018  
personal exposure to persons with substance use disorders on physical  
therapy practice. Platform Presentation. Combined Sections Meeting,  
American Physical Therapy Association

Pfost G, **Karim R**, Saunders A, O'Connell L. Screening for substance use 2017  
when they #choosePT. Presentation. NEXT, American Physical Therapy  
Association.

Holland P, **Karim R** Smith A, McNealy K. Inter-professional collaboration: are 2017  
you doing enough for your clients? Presentation. West Virginia Speech  
Language and Hearing Association's Annual Conference.

**Karim R**, Garret M, Jordan E, Sandburg C. Students Pursuing a Career in 2016  
Healthcare: Building a Collaborative Approach. Poster presentation. West  
Virginia Physical Therapy Association Spring Conference

Chiu Y-P, **Karim R**, Pfost G, Terry K, Carlton T. Feasibility and Effectiveness 2015  
of Intraprofessional Education for Physical Therapist Students and Physical  
Therapist Assistant Students. Poster presentation. NEXT Conference,  
American Physical Therapy Association;

**Karim R**, Alex Beelen, Rob Williams, Nicole Zelena, Michael Karim. Factors 2015  
that influence physical therapists to pursue a career in geriatrics. Poster  
presentation. World Confederation for Physical Therapy Conference.

**Karim R**, Cline J, Gottlieb J, Riley B. 320 students from 7 disciplines: a 2014  
model for interprofessional education. Poster presentation. Interprofessional  
Education Collaborative Faculty Development Institute.

**Karim R**, Kroll P. Herd collaboration. Presentation. iPED: Inquiring 2014  
Pedagogies 6th Annual Conference on Teaching and Learning, Center for  
Teaching and Learning.

**Karim R**, Kroll P. A model for interprofessional education. Poster 2014  
presentation. Combined Sections Meeting, American Physical Therapy  
Association

Kroll P, **Karim R**, Holland P, Frazier L, Cline J, Smith A. A model for 2013  
interprofessional education. Poster presentation. The Association of Schools  
of Allied Health Professions Annual Conference.

**Karim R**. The "D" in Dementia is Not for Discharge. Presentation. Combined 2013  
Sections Meeting, American Physical Therapy Association.

**Karim R**, Higgins PA, Hornick TR. Implementation of the spaced retrieval 2012  
intervention by a caregiver. Poster presentation. Gerontological Society of  
America 65th Annual Scientific Meeting.

Jennings A, Heath B, **Karim R**. Improving competency of motivational 2012  
interviewing to VA and non-VA health care professionals. Poster  
presentation. The 3rd Annual Rita M. McGinley Symposium.

**Invited Presentations  
International**

**Karim R**. Geriatric Physical Therapy Assessment. American University of 2011  
Beirut. Beirut, Lebanon.

**Regional**

**Updated:** 7/8/22

<b>Karim R.</b> #ChoosePT: Why Choosing Physical Therapy First is What's Best. WVPTA 2018 Payor Forum. Charleston, West Virginia.	2018
<b>Karim R.</b> The "D" in Dementia is Not for Discharge. NE District Ohio Physical Therapy Association. Cleveland, Ohio.	2011
<b>Karim R.</b> Psychosocial Aspects of Aging. Lifespan Development DPT_638, Cleveland State University. Cleveland, Ohio.	2010
<b>Karim R.</b> Functional Assessment. Topics in Geriatric Medicine, Louis Stokes Veterans Affairs Medical Center. Cleveland, Ohio.	2010
<b>Karim R.</b> Because You Are Never Too Old: The Role of Physical Therapy in the Care of Older Adults. Project CaRE, Case Medical School. Cleveland, Ohio.	2010
<b>Karim R.</b> Physical <del>Torture</del> -Therapy. Musculoskeletal Week, Case Medical School. Cleveland, Ohio	2010

## Educational Activities

### Courses taught

<b>MGH Institute of Health Professions</b> , Department of Physical Therapy, Boston, MA	
PT 814 Patient/Client Management: Contextual Factors	2021-Present
PT 713 Patient/Client Management: Development and Degenerative Conditions across the Lifespan	2021-Present
PT 880S Special Topics: Geriatrics	2020-Present
PT 602 Fundamentals of Pt/Client Management 2	2020-Present
PT 850 DPT Capstone Project	2019-Present
PT 604 Patient/Client Management of Cardiovascular and Pulmonary Conditions 1	2019-2020
PT 605 Patient/Client Management of Cardiovascular and Pulmonary Conditions 2	2019-2020
PT 880S Special Topics: Complex Patients	2019
<b>Marshall University</b> , Program in Physical Therapy, Huntington, WV	
PT 758 Patient Motivation and Behavior Change in Physical Therapy	2016-2018
PT 704 Neurorehabilitation	2013-2018
PT 750 Foundations of PT	2013-2018
PT 751 Legal and Cultural Issues in PT	2013-2018
PT 753 Health Care Delivery Systems	2013-2018
PT 755 Service-Learning Project	2013-2018
PT 756 Administration in Physical Therapy	2013-2018
PT 763 Evidence Based Physical Therapy III	2013-2018
PT 764 Evidence Based Physical Therapy IV	2013-2018
PT 765 Evidence Based Physical Therapy V	2013-2018
PT 771 Clinical Application Seminar Experience I	2013-2018
PT 772 Clinical Application Seminar and Experience II	2013-2018
PT773 Clinical Application Seminar and Experience III	2013-2018
PT 774 Clinical Application Seminar and Experience IV	2013-2018
PT 775 Clinical Application Seminar and Experience V	2013-2018
PT 786 Rehabilitation Considerations of Special Populations 1: Geriatrics	2015-2018

### Curriculum Development

Screening Brief Intervention and Referral to Treatment (SBIRT) for physical therapy	2016-2018
-------------------------------------------------------------------------------------	-----------

Updated: 7/8/22

Professional Practice Courses, Marshall University, Huntington, WV 2013-2015

**Continuing Education Workshops Conducted/Organized**

When They #ChoosePT be Ready to #ChooseSBIRT. Hosted by Marshall University School of Physical Therapy. 2016

Exercise and Physical Activity in Aging Conference (EXPACC II). Hosted by the University of Indianapolis, Sponsored by the Academy of Geriatric Physical. 2016

Anatomy and Orthopedic Management of the Shoulder and Knee: From Lab to Clinic. Washington University School of Medicine in St. Louis. Fundraiser for the Foundations for Physical Therapy. 2007

**Mentoring  
Students  
Faculty**

**Professional Development**

Combined Sections Meeting (American Physical Therapy Association) 2010-2022

NEXT (American Physical Therapy Association) 2018, 2017

LSVT Big Certification, Huntington, WV 2018

APTA WV Annual Conference 2014, 2013

IPEC Institute 2014

Advanced Service-Learning Workshop (Marshall University), Huntington, WV 2013

Certified Expert Aging Adult Training (Academy of Geriatric Physical Therapy) 2010

**Professional Membership and Activities:**

Task Force Member Guide to Physical Therapy Revision Work Group (American Physical Therapy Association) 2020-Present

Membership Chair (Academy of Geriatric Physical Therapy) 2018-Present

Sub-Committee Chair: Geriatric Specialist/Advanced Proficiencies Pathways (Academy of Geriatric Physical Therapy) 2016-2018

PTNow Tests and Measures Reviewer (American Physical Therapy Association) 2016-2017

Task Force Member for Postprofessional Geriatric Essential Competencies (Academy of Geriatric Physical Therapy) 2014-2018

Credentialing Service Committee Reviewer (American Board of Physical Therapy Residency and Fellowship Education) 2014-2021

Practice Committee Member (Academy of Geriatric Physical Therapy) 2013-2018

Item Writer (American Physical Therapy Association) 2013-2018

**Institutional Service**

Member, Anti-Oppression Taskforce, IHP 2021-Present

Moderator, Power Privilege and Positionality Moderator, IHP 2018, 2019, 2021, 2022

**Updated:** 7/8/22

Member, DEI Case Creation Subcommittee, IHP	2018-2019
Member, Academic Hearing Panel	2017-2018
Member, Women in Medicine Council, Cabell Huntington Hospital	2016-2017
Organizer, Marshall University Employee Health Fitness Testing for Employees, Marshall University	2014
Member, Policy and Procedures Committee	2013-2018

### **Department Service**

Committee Member, LEAP, IHP Department of PT	2020-Present
Co-Chair, PT Club, IHP Department of PT	
Committee Member, Curriculum Committee, IHP Department of PT	2020-2021
Committee Member, CAPP, IHP Department of PT	2018-2020
Member, Clinical Education Committee, Marshall University Department of PT	2017-2018
Chair, Academic and Professional Standards Committee, Marshall University Department of PT	2016-2018
Chair, Service-Learning Committee, Marshall University Department of PT	2013-2018
Member, Admissions Committee, Marshall University Department of PT	2013-2018
Student Liaison Class of 2016, Marshall University Department of PT	2013-2016

### **Community Service**

MGH Summer Jobs, Mentor	2020
Harmony House, Volunteer	2017-2018
Adaptive Ice Hockey, Volunteer	2015-2019
St. Mary's Kids Triathlon, Volunteer	2015
Alzheimer's Association Walk to End Alzheimer's, Volunteer Organizer	2014-2018
Geri-O, Volunteer	2014-2018
Special Olympics Summer Games, Volunteer	2013-2016
Paul Ambrose Trail for Health, Volunteer	2013