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Department of Physical Therapy
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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

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

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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

MGH IHP, PI Shweta Gore Comparison of Telehealth and On-site Supervised Maintenance Programs for Adults with COPD: A Pilot Randomized Control Trial Role: Grant Staff	2023
NIH SBIR Phase II, PI Julie Keysor Augmented Reality Platform for Telehealth Rehabilitation Total: \$1.8 million Role: Clinical Expert (2% salary support)	2023

Completed

IMPACT Practice Center Innovations Pilots Aging Mastery Program \$5000 Role: Co-Principal Investigator	2022
NIH SBIR Phase I, PI Julie Keysor Augmented Reality Platform for Telehealth Rehabilitation Total: \$110,877 Role: Clinical Expert (5% salary support)	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	2021-2022
I am an Athlete Foundation Impact of Exercise on Mood in Athletes 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	2013-2014

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Role: Principal Investigator

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

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

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. Naidoo K, **Karim R**, Rimmel L, Watkins Liu C, Washington K, Privett R, Godsey K, Rucker-Bussie V, Plummer L. Using Structural Competencies for Faculty and Students to Integrate Principles of Social Justice and Health Equity into a Doctor of Physical Therapy Program. Submitted.
2. **Karim R**, Keysor J. Substance Use Disorder Education in Physical Therapy Curricula. (2024). *J Allied Health*. 53(1) 32-39.
3. **Karim R**, Jasper A, Monteclavo SJ, Tayag E, Vitente A, Lazaro R. Feasibility of Timed Up and Go Administered via Telerehabilitation in Older Adults: A Pilot Study. (2023). *Topics in Geriatrics*. 39(4):229-234.
4. Jasper A, **Karim R**, Monteclavo SJ, Tayag E, Vitente A, Lazaro R. Validity and Reliability of Virtually Obtained Functional Outcomes in Older Adults: A Pilot Study. (2023). *Topics in Geriatrics*. 39(4):235-239.
5. **Karim R**, Kneiss J. (2017) Dementia Syndrome *PTNOW*.
6. 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.
7. **Karim R**. Because you are never too old: exercise and older adults. (2012). *J Med*

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Magazines:

1. **Karim R**, Higgins PA, Hornick TR. Proposal for a clinic-based model of physical therapist consultation in a geriatric outpatient clinic. (2012). *Geri 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, Rafael C, Tayag E, **Karim R**. Defying Therapeutic Nihilism: Treatment Approaches for People with Advanced Dementia. Session to be presented at Combined Sessions Meeting, American Physical Therapy Association; 2025 February Houston, TX 2025
- Jasper A, Rafael C, Garcia J, Viente A, **Karim R**. Competence and Confidence: Raising the Bar in Dementia Care. Session presented at Combined Sessions Meeting, American Physical Therapy Association; 2023 February Boston, MA. 2024
- McCarthy Jacobson A, Cornforth E, Arrigo M, **Karim R**. Supporting DPT Students Throughout their Journey, An Innovative Model. Platform presented at Combined Sessions Meeting, American Physical Therapy Association; 2023 February Boston, MA. 2024
- Karim R**, Shiwani B, Roy S, Talmage O, Clock C, Schmidt C, Gross K, Keysor J. Augmented Reality and Clinical Assessments: Examining the Feasibility for Older Adults with Knee Osteoarthritis. Poster presented at Combined Sessions Meeting, American Physical Therapy Association; 2023 February San Diego, CA. 2023
- Karim R**, Jasper A, Tayag E, 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
- Pfost G, Jarvis A, Robinson J, Stevenson A, **Karim R**. Platform presentation. 2019 Mid-Atlantic Region III Hemophilia Treatment Centers Annual Meeting 2019
- Karim R**, Foderaro F, Harper M, Jackson S, Pfost G. Substance Use Disorder Education in Physical Therapy Curriculum. Platform presentation. Combined Sections Meeting, American Physical Therapy Association 2018

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

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

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

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

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

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

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

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

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

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

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

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

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

**Invited Presentations
International**

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

Regional

Karim R, Perron A. Breaking the Stigma: The Role of Physical Therapy in Older Adults with Substance use Disorders. American Physical Therapy Association Massachusetts Chapter Geriatric Special Interest Group. Boston, Massachusetts. 2018

Karim R. #ChoosePT: Why Choosing Physical Therapy First is What's Best. WVPTA 2018 Payor Forum. Charleston, West Virginia.

Karim R. The "D" in Dementia is Not for Discharge. NE District Ohio Physical Therapy Association. Cleveland, Ohio. 2011

Karim R. Psychosocial Aspects of Aging. Lifespan Development DPT_638, Cleveland State University. Cleveland, Ohio. 2010

Karim R. Functional Assessment. Topics in Geriatric Medicine, Louis Stokes Veterans Affairs Medical Center. Cleveland, Ohio. 2010

Karim R. 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

Karim R. Physical ~~Torture~~ Therapy. Musculoskeletal Week, Case Medical School. Cleveland, Ohio. 2010

Educational Activities

Courses Taught

MGH Institute of Health Professions, 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

Marshall University, 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 2016-2018

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therapy
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

Ivy Tse, Class of 2025
Amber LaMaraca, PhD student, teaching elective

Faculty

Professional Development

Combined Sections Meeting (American Physical Therapy Association) 2010-2024
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:

APTA Geriatrics Online Education Committee 2023-present
Task Force Member Guide to Physical Therapy Revision Work Group (American Physical Therapy Association) 2020-2023
Membership Chair (Academy of Geriatric Physical Therapy) 2018-2023
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, 2023-present
Practice Committee Member (Academy of Geriatric Physical Therapy) 2013-2018
Item Writer (American Physical Therapy Association) 2013-2018

Institutional Service

Member Student Success Committee 2021-2024

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Member, Anti-Oppression Taskforce, IHP	2022-2024
Moderator, Power Privilege and Positionality Moderator, IHP	2018, 2019, 2021, 2022, 2023
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

Co-Chair, LEAP, IHP Department of PT	2022-Present
Committee Member, LEAP, IHP Department of PT	2020-2022
Co-Chair, PT Club, IHP Department of PT	2020- Present
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