

Curriculum Vitae

JULIE J. KEYSOR, PhD, PT

Professor

Department of Physical Therapy
MGH Institute of Health Professions
Charlestown Navy Yard
36 1st Ave
Boston, MA 02129
617-724-6446
jkeysor@mghihp.edu

ACADEMIC TRAINING

- 1984-1988 BS, Physical Therapy, 1988
University of Vermont, Burlington, VT
Department of Physical Therapy
- 1993-1995 MS, Human Movement Science
University of North Carolina at Chapel Hill, Chapel Hill, NC
Thesis: The Experience of Knee Arthritis in Athletic Younger Adults: A
Heuristic Study
- 1996-2000 PhD, Health Behavior and Health Education
School of Public Health, University of North Carolina at Chapel Hill,
Chapel Hill, NC
Dissertation: Self-Management, Physical Disability and Emotions in
Rheumatoid Arthritis

POSTDOCTORAL TRAINING

- 2000 NIH/SNRA Multidisciplinary Training Grant Post-Doctoral Fellowship,
Boston University Gerontology Center, September 2000-December 2000
Mentor: Dr. Alan Jette
- 2001 NIH/NIDRR, Rehabilitation Health Services Research Program at Sargent
College of Health and Rehabilitation Sciences, January 2001-July 2001
Mentor: Dr. Alan Jette

ACADEMIC APPOINTMENTS

- 1995-1996 Research Assistant, University of North Carolina at Chapel Hill, Chapel
Hill, NC
- 1997-1998 Project Director, Thurston Arthritis Research Center, University of North
Carolina at Chapel Hill, Chapel Hill, NC

- 2001-2007 Assistant Professor, Department of Physical Therapy and Athletic Training, Sargent College of Health and Rehabilitation Sciences, Boston University
- 2007-2008 Interim Chair, Department of Physical Therapy and Athletic Training, Sargent College of Health and Rehabilitation Sciences, Boston University
- 2007- 2017 Associate Professor, Department of Physical Therapy and Athletic Training, Sargent College of Health and Rehabilitation Sciences, Boston University (Tenure, August 2007)
- 2007- 2010 Program Administrator, Doctor of Physical Therapy Program, College of Health and Rehabilitation Sciences, Boston University
- 2011-2017 Director, Center for Enhancing Activity and Participation among Persons with Arthritis (ENACT). College of Health and Rehabilitation Sciences, Boston University
- 2013-2017 Associate Professor, Boston University School of Medicine
- 2018 – 2019 Professor and Chair, Department of Physical Therapy, School of Health and Rehabilitation Sciences, MGH Institute of Health Professions
- 2018- pres Professor, Department of Physical Therapy, School of Health and Rehabilitation Sciences, MGH Institute of Health Professions

HOSPITAL/CLINICAL APPOINTMENTS

- 1988-1997 Physical Therapist, Duke Medical Center, Durham, NC; Vanderbilt Rehabilitation Center, Newport Hospital, Newport, RI; Interim Home Health Care; Interim supervisory roles throughout clinical appointments

HONORS/AWARDS

- 1986 Sophomore Mortar Board Award, 1986
- 1988 Cum Laude
- 1988 Isola Braun Award: Potential for Professional Development, University of Vermont
- 1998 National Institutes of Health Pre-Doctoral Fellowship, 1998-1999
- 1999 Arthritis Foundation Dissertation Award, 1999-2001
- 2003 NIH Boston University Interdisciplinary Research in Women's Health Building Interdisciplinary Research Careers in Women's Health, January 2003-December 2004

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| 2005 | Arthritis Foundation, Arthritis Investigator Award (Career Development) |
| 2011 | Invited Member of the Centers of Disease Control and Prevention and Arthritis Foundation's Expert Advisory Panel on Physical Activity and Arthritis |
| 2012, 2016 | Arthritis Foundation, Advocacy Summit Travel Award (Award supports travel, training and Capitol Hill advocacy with the US legislators) |
| 2013-2016 | Elected Chair, Physical Activity Work Group, national Osteoarthritis Action Alliance, United States |

LICENSE AND CERTIFICATION

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| 1988-2009 | Physical Therapist; State of North Carolina |
| 2010-present | Physical Therapist, Massachusetts, #18912 |

DEPARTMENTAL AND UNIVERSITY COMMITTEES

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| 1987 | Physical Therapy Student Association (President), University of Vermont |
| 1987 | National Student Conclave (Coordinator), University of Vermont |
| 1993 | The Neurological Foot: A Mechanical and Motor Control Approach (Co-Chair, 2-day symposium) Duke University Medical Center, Durham, NC |
| 1993 | Interdisciplinary Head Injury Task Force (Coordinator) Duke University Medical Center Rehabilitation Unit |
| 1994 | Advanced Education Committee, Department of Human Movement Science, Student Member, University of North Carolina at Chapel Hill |
| 1997 | Student Orientation Committee, Department of Health Behavior and Health Education, Student Member, University of North Carolina at Chapel Hill |
| 2001-2003 | Member, Sargent College Undergraduate Education Committee, Sargent College of Health and Rehabilitation Sciences |
| 2003-2013 | Online post-professional education, faculty member, Boston University |
| 2003-2017 | PhD Program in Rehabilitation Sciences, faculty member, Boston University |
| 2004 | Member, Task Force Clinical Medicine Seminar Series, Department of Physical Therapy and Athletic Training, Boston University |
| 2007 | Member, Task Force Practicum Course Evaluation and Recommendation, Department of Physical Therapy and Athletic Training, Boston University |

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| 2007-2008 | Academic Advisory Counsel, Sargent College of Health and Rehabilitation Science, Boston University |
| 2008-2010 | Member, Search Committee for Department of Physical Therapy and Athletic Training Chair/Senior Faculty Member |
| 2007-2010 | Coordinator, Code RED (Research and Education Development) seminars in Department of Physical Therapy and Athletic Training |
| 2011-2016 | PhD Program in Rehabilitation Science Steering Committee, member |
| 2011-2012 | Committee Chair, Neurological Assistant Professor in Physical Therapy Search (Successful Search) |
| 2012-2013 | Committee Co-Chair, Associate/Full Professor in Rehabilitation Science Search Committee (Candidate selected by committee and moved forward to Dean) |
| 2014-2017 | Promotions and Tenure Committee, Sargent College, Boston University |
| 2015-2016 | Committee Chair, Department of Physical Therapy and Athletic Training, Chair search (Successful Search) |
| 2018-pres | Executive Committee, PhD in Rehabilitation Science, MGH Institute of Health Professions, member |
| 2018-pres | Research Operations Committee, MGH Institute of Health Professions, member |
| 2019-pres | Faculty Scholarship Committee, Physical Therapy Department, MGH Institute of Health Professions, Chair |
| 2020-pres | Coordinator, MGH Institute of Health Professions, Grant Writers Work Group |

TEACHING EXPERIENCE AND RESPONSIBILITIES

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| 1996 | Teaching Assistant: Behavioral and Social Science Aspects of Human Movement. Department of Human Movement Science, Division of Physical Therapy, University of North Carolina at Chapel Hill |
| 1997 | Instructor: Course: Behavioral and Social Science Aspects of Human Movement, Foundations of Human Movement Science. Department of Human Movement Science, Division of Physical Therapy, University of North Carolina at Chapel Hill |

- 1996/1997 Teaching Assistant: Social and Behavioral Foundations of Health. School of Public Health, University of North Carolina at Chapel Hill
- 1998 Teaching Assistant: Small group leader for a graduate level course in behavioral and sociological foundations of health education for non-majors.
- 2000/2001 Co-Instructor: Organization and Delivery of Health Care in the United States, Boston University
- 2001 Professor: Educational Theory and Practice. Doctor of Physical Therapy Program, Boston University
- 2001/2003-2007 Professor: Health Promotion and Wellness. Doctor of Physical Therapy Program, Boston University
- 2003 Professor: Functional Aspects of Aging. Doctor of Physical Therapy Program, Boston University
- 2003-2013 Professor: Health Promotion and Wellness (Online course). Transitional Doctor of Physical Therapy Program, Boston University
- 2010 Professor: Education Theory and Practice. Doctor of Physical Therapy Program, Boston University
- 2010, 2015, 2017 Professor: Doctoral Seminar: Conceptual Models of Disablement and Enablement. PhD in Rehabilitation Science Program Boston University
- 2016 Professor: Doctoral Seminar, PhD in Rehabilitation Science Program, Boston University
- 2013-2017 Professor, Foundations of Education and Health Promotion, Doctor of Physical Therapy Program, Boston University
- 2020 Professor, Contextual Factors in Physical Therapy, MGH Institute of Health Professions
- 2020 Professor, Health Policy, Practice Management and Leadership, MGH Institute of Health Professions
- 2020 Professor, Promoting Adherence in Physical Therapy, MGH Institute of Health Professions

ADVISING AND MENTORING

Post-Doctoral Trainees

2008-2009 Dan White, Project: Disability and the Environment; Pain and Function

PhD/ScD Trainees

- 2003 Dacey, ML. Physical Activity Motivation across Stages of Change in Older Adults. Dissertation completed to fulfill EdD requirements at Boston University. Committee Member, 2nd Reader, 2003.
- 2006 Prvu Bettger, J. Improvement and decline in personal care and instrumental functional activity performance: Patterns and predictive factors. Dissertation completed to fulfill ScD requirements at Boston University. Committee Member, 1st Reader, 2006.
- 2010 Demor-Taber, M. Mammography screening among women with disabilities: Perspectives on underutilization. Dissertation completed to fulfill ScD requirements at Boston University. Committee Member. 2nd Reader, 2010.
- 2015 AlHeresh R. A Critical Look at Measurement of Work Outcomes for People with Arthritis. Dissertation completed to fulfill PhD requirements at Boston University. Mentor and Committee Chair, July 14, 2015
- 2016 Vaughan M. The Impact of Contextual Factors on Participation Restriction of Adults with or at Risk of Knee Osteoarthritis. Dissertation completed to fulfill PhD requirements at Boston University. Mentor and Committee Chair, April 14, 2016
- 2017 Ledingham A. Promoting Sustained Strength Training Exercise Performance for Adults with Knee Osteoarthritis: A New Look. Dissertation completed to fulfill PhD requirements at Boston University. Mentor and Committee Chair, July 21, 2017
- 2019 Chris Joyce. Advancing the National Pain Strategy in Physical Therapy Research and Practice. Dissertation completed to fulfill PhD requirements at MGH Institute of Health Professions. Academic Advisor and Committee Chair, December 13, 2019
- 2020 Julie Shulman. Assessment of Pain and Disability in Youth with Chronic Pain. Dissertation completed to fulfill PhD requirements at MGH Institute of Health Professions. Academic Advisor and Committee Chair, May 26, 2020

Current Eric Roseen, MGH Institute of Health Professions, PhD in Rehabilitation Science Student, Role: Academic Advisor

Current Paulo Teixeira, MGH Institute of Health Professions, PhD in Rehabilitation Science Student, Role: Academic Advisor

PhD/ScD Dissertation External Reviewer

2008 Kelly Cotter. No Strain, No Gain: An Application of Social Cognitive Theory to Physical Activity across the Lifespan. A Dissertation Presented to the Faculty of the Graduate School of Arts and Sciences, Brandeis University, Social/Developmental Psychology. Margie E. Lachman, PhD, Advisor

2020 Kelsi Carolan. Working with Parkinson's Disease: Unpacking how Support and Stigma Influence Employment Options After the Onset of a Progressive Disease. Dissertation completed to fulfill PhD requirements at Boston University. External Committee Member, April 28th 2020

Mentored Funded Master of Science Projects

2011 Tianzhong Yang, Masters of Public Health in Biostatistics candidate, Boston University School of Public Health
Recipient: Boston University Allan Meyers Fellowship in Disability Studies
Project: Longitudinal Study to Examine the Association between Environmental Features of the Environment at Baseline and the Development of Disability

Mentored Non-Funded Doctor of Physical Therapy Practicum Students (Independent Scholarly Clinical Doctoral Projects)

2012 Nicole Rommer
Project: Breaking Down Physical Activity Barriers for People with Arthritis: The Development of an Online Clinical Reasoning Tool

Amber Steckel and Kaitlin Thompson

Project: Development of 8 podcasts for ENACT's Arthritis Answers Podcast Series (Audio and Written Transcripts/Online Quick Notes)

- 1) Fact or Fiction Part 1: Joint Pain, Cracking Your Joints, Braces, Diet, and Weather
- 2) Fact or Fiction Part 2: Copper Bracelets, Glucosamine, Arthroscopic Surgery, and Ice vs Heat

- 3) Home Modifications: Creating a Safer Home and Applying Strategies for Household Activities
- 4) Creating a Safer Home: Useful Equipment and Strategies for Household Activities
- 5) Beyond Walking and Strengthening: Tai Chi, Yoga, and Water Aerobics
- 6) Doing What You Love: Gardening, Golf, and Tennis when Living with Knee Osteoarthritis
- 7) Being a Caregiver: Caring for Someone *and* Managing Your Arthritis
- 8) Embracing Technology: Smartphone Apps for People with Arthritis

2011 Laura Furey

Project: Exercise Initiation among Persons with Arthritis

Molly Vaughan

Project: Improving Environmental Access for People with Disabilities; Development of a Navigational Tool

Janice Chen

Project: Exploring Effective Strategies to Motivate and Improve Adherence to Community-Based Exercise Programs among Individuals with Arthritis

Stefanie Howlett

Project: Promoting Physical Activity and Exercise Adherence through the Arthritis Foundation Exercise Program with a Unique Health Promotion Approach.
Project included publication of a peer-reviewed manuscript

Sara Crandall

Project: Developing Podcasts for People with Arthritis
Project included publication of a peer-reviewed manuscript

2010 Alana Brembs

Project: The Effects of Physical Activity on Disability in Older Adults with Osteoarthritis of the Hip or Knee
Project included publication of a peer reviewed manuscript

2007 Nehal Patel

Project: Development of Access Wiki

2006 Erin Meehan

Project: Determinants of Disability among Older Adults with Knee Osteoarthritis

Danielle Driscoll

Project: The Promotion of an Exercise Program to Decrease the Prevalence of Low Back Pain among Golfers

2005 Lois Benedetti

Project: Designing a Teaching Module in Health Promotion and Wellness

Heather Hanson

Project: Low back pain in physical therapists: A Plan to Change Culture to Minimize Risk

2004 Angela Hauber

Project: Stronger Living: Understanding Compliance and Marketing for Exercise Programs among Individuals with HIV and AIDS.

Theresa Maramag

Project: Malusog na Puso "Health Hearts": A Health Promotion Program Targeting Filipino Americans

Maura Quinn

Project: A Literature Review of Cardiac Rehabilitation Effectiveness and Referral Patterns

2002-2003 Erin DaSilva; Susan Emslie; Tina Carpenter

MAJOR ADMINISTRATIVE RESPONSIBILITIES

- 2007-2008 Interim Chair, Department of Physical Therapy and Athletic Training, Boston University; Oversaw administrative, fiscal, and educational operations of three programs: i) Programs in Physical Therapy (Doctor of Physical Therapy, transitional Doctor of Physical Therapy, and ScD in Movement Science), ii) Programs in Athletic Training (BS in Athletic Training and Athletic Training/Doctor of Physical Therapy accelerated program), and iii) two Boston University Rehabilitation Clinics. Advised, mentored and supported 17 full-time faculty, several part-time faculty, 10 physical therapists in the clinic, and several administrative staff.
- 2007-2010 Program Administrator, Doctor of Physical Therapy Program; Overall responsibility for the Doctor of Physical Therapy Program, assure compliance with credentialing body, mentor faculty, lead program development
- 2010-2017 Director, Center for Enhancing Activity and Participation among Persons with Arthritis. Overall responsibility for all administrative, research, training and dissemination cores including fiscal, operations, and programming components. Sargent College of Health and Rehabilitation Sciences, Boston University.

2018-2019 Chair, Department of Physical, Director Doctor of Physical Therapy Program, MGH Institute of Health Professions. Provide leadership to faculty to sustain and advance innovation, excellence, and scholarship in physical therapy and interprofessional practice. Oversee administrative, fiscal, and educational operations of two academic programs: i) Doctor of Physical Therapy Program, and ii) Clinical Residency in Orthopedics; the physical therapy center for clinical education and health promotion embedded in the IHP IMPACT Practice Center; and continuing education programs.

OTHER PROFESSIONAL RESPONSIBILITIES

PROFESSIONAL SOCIETIES: MEMBERSHIPS, OFFICES AND COMMITTEE ASSIGNMENTS

OFFICES AND COMMITTEE ASSIGNMENTS

2014-2016 Chair (elected), Physical Activity Work Group, Osteoarthritis Action Alliance (OAAA), a national coalition of 50 community members aiming to implement the national OA Action Plan

2014-2016 OAAA Steering Committee, Member

2014-2017 Member, Research Intensive Physical Therapy Programs, Consortium, American Council of Academic Physical Therapy, Boston University Faculty member

2018-2019 American Council of Academic Physical Therapy (ACAPT) member, Representing MGH Institute of Health Professions

2017-2019 Arthritis Today Medical Advisory Panel

MEMBERSHIP

1987-present American Physical Therapy Association
Geriatrics Section; Education Section, Research Section

1988-2000 North Carolina Physical Therapy Association

2001-2017 Gerontological Society of America

2001-present Massachusetts Physical Therapy Association

1997-present Association of Rheumatology Health Professions

1997-present Arthritis Foundation

EDITORIAL BOARDS

None

MAJOR COMMITTEE ASSIGNMENTS

FEDERAL GOVERNMENT

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| 2011-2012 | Centers of Disease Control and Prevention/Arthritis Foundation Physical Activity Task Force Expert Panel. Invited Member. |
| 2011- 2016 | Osteoarthritis Action Alliance. National alliance of over 50 constituents consisting of research, policy, and consumers. Invited Member |
| 2013-2016 | Chair (elected), National Osteoarthritis Action Alliance, Physical Activity Work Group |
| 2016 | ARHP Technical Expert Panel; ARHQ Evidence-based Practice Center report: Osteoarthritis of the Knee Update: Treatment of Primary and Secondary Osteoarthritis of the Knee |
| 2020-pres | NIH DSMB Member for the study, “Fibromyalgia TENS in Physical Therapy Study (TIPS): an embedded pragmatic clinical trial |

PRIVATE/FOUNDATION

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| 1997 | Advisory Council for Daily Activity, Arthritis Foundation, March 14-15 |
| 2009 | American Physical Therapy Association, Section on Education. National Task Force on Health Promotion and Wellness. December 4-5, 2007. |
| 2009-2011 | Member, Classification and Response Criteria Subcommittee, American College of Rheumatology |
| 2009-2011 | Abstract Proposal Reviewer, American Physical Therapy Association |
| 2011-2015 | Member, Rheumatology Research Foundation Scientific Advisory Council, American College of Rheumatology |

ADVISORY BOARDS

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| 2014-present | Member, Advisory Board Advanced Rehabilitation Research and Training Awards, National Institute on Disability and Rehabilitation Research, PI: Rodgers S, Center for Psychiatric Rehabilitation, Boston University |
| 2014-2016 | Steering Committee, Osteoarthritis Action Alliance, Member |

2020-pres NIAMS Data and Safety Monitoring Board; Fibromyalgia TENS in Physical Therapy Study (TIPS): an Embedded Pragmatic Trial

STUDY SECTIONS

2004-2004 Arthritis Foundation, Grant Review Section
2010-2014 Arthritis Foundation, Grant Review Section
2006 Arthritis Foundation, Ad Hoc Reviewer
2009-2010 Arthritis Foundation, Doctoral Dissertation Grant Review Section
2012 Department of Defense, Arthritis Technology Therapeutic Development Awards
2013 Arthritis Foundation, Innovative Research Grant and Arthritis Foundation Investigator Award
2014 Danish Strategic Research Fund
2014 Canadian Arthritis Society
2015 Arthritis Research UK Peer Review
2016 Arthritis Research Dutch Peer Review
2021 Centers of Disease Control and Prevention Grant Review

STATE

2013 Invited member of the Massachusetts's Department of Public Health Elder Falls Commission Education Task Group

GRANT RESEARCH

CURRENT SUPPORT

8/2020-1/2020 **PI: Keysor**; MGH Institute of Health Professions (\$4250 5 months)
Internal COVID Rapid Research Award
Health and Function Outcomes After COVID-19 Discharge: A Feasibility Study

PENDING SUPPORT

5/2021-4/2022 National Institute on Aging
Augmented Reality Platform for Telehealth Rehabilitation
PI: Contessa P
Role Keysor: Sub-Contract PI

9/2021-8/2023 National Institute of Health, Research Enhancement Award Program (REAP) for Health Professional Schools and Graduate Schools
Total Costs: \$479.839

The MGH Institute Stay Employed Program for People with Chronic Conditions: Development and Pilot Test of an Innovative Delivery Model
Role Keysor: PI

PAST OTHER SUPPORT

10/1/10-9/30/17 **PI: Keysor;** H133B100003/90RT5009 National Institute on Disability and Rehabilitation (NIDRR), Rehabilitation Research and Training Center (RRTC)
Center for Enhancing Activity and Participation of Persons with Arthritis (ENACT)
Director, ENACT
Total Award: \$4,000,000

Grant established the Arthritis Rehabilitation Research and Training center titled, “Enhancing Activity and Participation among Persons with Arthritis (ENACT)”. The Center supported 3 research studies, 4-pre-doctoral trainees, and several educational and dissemination projects for health care providers and consumers.

Research Project 1: Efficacy of a Modified Vocational Rehabilitation Intervention (**Keysor J & Allaire S: co-PIs**)

This was a clinical trial examining outcomes of an intervention aimed to enhance work retention among persons with arthritis who are at risk of work loss.

Research Project 2: Can Computer-Based Telephone Counseling Improve Long-Term Adherence to Strength Training in Elders with Knee OA? (**Baker K: PI; Keysor: co-I**)

This was a clinical trial examining outcomes of a technology intervention aimed to enhance exercise adherence among persons with knee osteoarthritis after participating in a 6-week strength training program.

Research Project 3: Community and Home Participation after Total Knee Replacement (**Maxwell J: PI; Felson D: co-PI; Keysor: co-I**)

This was an epidemiological study and qualitative study examining factors associated with poor participation outcomes post total knee joint replacement.

- 09/24/01-2017 PI: Felson; 2P60 AR47785-08 NIAMS
Multidisciplinary Clinical Research Center at Boston University (MCRC)
Keyser: Behavioral Scientist; 5% effort
- This was a multi-project center grant supporting four clinical research projects including one clinical trial, a population-based observational study, and patient-based cohort studies.
- 09/30/01-2017 PI: Felson; 5U01 AG18820-09 NIH/NIA
Multicenter Osteoarthritis Study (MOST)
Keyser: Behavioral Scientist; 10% effort
- This was a multicenter observational project evaluating the relation of risk factors to the development or progression of symptomatic osteoarthritis, particularly OA of the knee.
- 2017 **Keyser: co-Director; Borrelli B: Director**
Mobile and Electronic Health Boston University Affinity Research Collaborative
Internal Boston University funding \$79,000
Evans Center for Interdisciplinary Research, Boston University School of Medicine, Department of Medicine
- 2014-2016 **PI: Keyser JJ, Arthritis Foundation/Centers of Disease Control and Prevention Contract**
“Walkability Audit”: OA Action Alliance, Phase 2 Critical Review of Existing Assessments
\$43,786
- 2013 **PI: Keyser JJ, R13 National Institutes on Arthritis and Musculoskeletal and Skin Disease**
New Investigator Workshop on Advancing Arthritis Research
\$15,000
- 2013 **PI: Keyser JJ, Arthritis Foundation/Centers of Disease Control and Prevention Contract**
“Walkability Audit”: OA Action Alliance, Phase 1 Critical Review of Existing Assessments
\$10,000
- 1999-2013 PI: Fredman, L. R01 AG18037 NIH/NIA
Health decline in aged caregivers: an epidemiologic study.
Keyser: Co-Investigator

This is a multicenter longitudinal study evaluating whether informal caregivers have higher rates of physical health decline, defined by falls, weight change, and change in functional status, among respondents in the Study of Osteoporotic Fractures (SOF).

- 2007-2012 **PI:** Fredman, L. 1 R01 AG028144-01A1 NIH/NIA
Pathways from stress to metabolic syndrome and health decline in aged caregivers.
Keysor: Co-Investigator
- Description: This study will compare the prospective pathways from stress, to homeostatic dysregulation, and subsequent development of metabolic syndrome and health decline over a 3-year period among 200 elderly caregivers to persons with Alzheimer’s Disease or Parkinson’s Disease versus 200 elderly non-caregivers.
- 2006-2010 **PI:** Felson; 5R01 AR053161-03; NIH/NIAMS \$237,895, Structural Correlates of Knee Pain;
Keysor: Behavioral Scientist
- 2007-2009 **PI Keysor JJ:** Arthritis Foundation Arthritis Investigator Award (Competitive Renewal). Disability Risk Factors among Older Adults with Knee Arthritis. Career Development Award. (September 2007-August 2009; \$90,000 per year 2 years)
- 2005-2007 **PI: Keysor JJ:** Arthritis Foundation Arthritis Investigator Award. Disability Risk Factors among Older Adults with Knee Arthritis. Career Development Award. (August 2005-July 2007; \$75,000 per year/2 years)
- 2004 **PI: Keysor JJ:** Boston Medical Center/Boston University Interdisciplinary Women’s Health Research Scholar’s Award (BIRCWH); Project: Gender Differences Regarding Relationships Among the Environment, Attitudes, and Disability. (January 2003-December 2004; \$90,000 per year/2 years)
- 2003 **PI: Keysor JJ:** Principal Investigator, Pilot Project from Boston University Interdisciplinary Aging Research Center (BU-ARC), Project: The Role of the Environment and Personal Factors in Disability. (May 2003-April 2005; \$20,000).

- 2001-2003 **PI: Keysor JJ:** Principal Investigator, Project 4: Field Test of a Rehabilitation Outcomes System, Sargent College of Health and Rehabilitation Sciences, Boston University, Boston, MA. Funding from National Institute on Disability and Rehabilitation Research (September 2001- January 2003); Jette, A. Principal Investigator of a Center NIDRR RRTC grant
- 2002-2002 **PI: Keysor JJ:** Principal Investigator, Facilitators and Barriers Encountered in the Environment: Pilot Test of a New Measure, Roybal Center for Enhancement of Late-Life Function, Pilot Study Project, Sargent College of Health and Rehabilitation Sciences, Boston University, Boston, MA. Funding from the National Institute on Aging (February 2002 – June 2002; \$10,000)
- 2001 **PI: Keysor JJ:** Principal Investigator, Development of a Measure to Assess Elders' Beliefs and Attitudes Regarding Disability, Roybal Center for Enhancement of Late-Life Function, Pilot Study Project, Sargent College of Health and Rehabilitation Sciences, Boston University, Boston, MA. Funding from the National Institute on Aging (February 2001 – December 2001; \$10,000)

INVITED LECTURES AND PRESENTATIONS

Keysor JJ. Using Continuous Quality Improvement to Improve Bracing of the Neurological Foot. Duke University Medical Center, Durham, NC, May 1, 1993

Keysor JJ. Physical Therapy Management of Patients Who Have Parkinson's Disease. Division of Physical Therapy, University of North Carolina at Chapel Hill, Chapel Hill, NC November 15, 1993

Keysor JJ. Physical Therapy Management of Patients Who Have Parkinson's Disease. Division of Physical Therapy, University of North Carolina at Chapel Hill, Chapel Hill, NC November 8, 1994

Keysor JJ. The Neurological Patient in the Home Setting. Graduate Program in Physical Therapy, Duke University, Durham, NC, November 17, 1994

Keysor JJ. Comprehensive Management of Young Adults Living with Tibiofemoral Osteoarthritis. North Carolina Physical Therapy State Chapter Meeting. Research Triangle Park, NC May 19, 1995

Keysor JJ. Physical Therapy Intervention in the Home Setting. Division of Physical Therapy, University of North Carolina at Chapel Hill, Chapel Hill, NC, November 20, 1995

Keysor JJ. The Neurological Patient in the Home Setting. Graduate Program in Physical Therapy, Duke University, Durham, NC, November 16, 1995

Keysor JJ. Physical Activity Recommendations for People Living with Knee Arthritis. Seminar on Aging, University of North Carolina at Chapel Hill, Chapel Hill, NC, September 17, 1996

Keysor JJ. Group Dynamics and Facilitation Skills. Collaborative Research: More than the Sum of its Parts. Panel Discussion. American College of Rheumatology and Association of Rheumatology Health Professionals Annual Scientific Meeting, November 1997

Keysor JJ. Obtaining Funding for Dissertation Projects: Panel Discussion. Department of Health Behavior and Health Education, University of North Carolina at Chapel Hill, Fall 1998

Keysor JJ. Arthritis Management: Physical, Psychological and Social Aspects. Department of Psychology, Peace College, Raleigh, NC, December 2, 1999

Keysor JJ. Arthritis Management: The Role of Exercise and Movement, The 74th Interdenominational Usher's Association of North Carolina: The Role of the Church in Promoting Health in the African American Community. Greensboro, NC, August 6, 1999

Keysor JJ. Osteoporosis Prevention and Management: Nutritional Factors. Siler City, NC, July 23, 1999

Keysor JJ. Osteoporosis Prevention and Management: The Role of Physical Activity. Rocky Mount, NC, July 12, 1999

Keysor JJ. Arthritis Self-Management: The Role of Age, Gender and Disability. Interdisciplinary Research Seminar, Sargent College of Health and Rehabilitation Sciences, Boston University, Boston, MA November 4, 2000.

Keysor JJ. Safe and Effective Physical Activity for Persons with Arthritis. Program on Aging, School of Medicine, University of North Carolina at Chapel Hill, January 12, 2000

Keysor JJ. Late Life Exercise: What to Do, How to Do It, and How to Promote It. Faculty Summer Institute Workshop, Boston University Gerontology Center, Boston, MA June 13, 2001.

Keysor JJ. The Course of Aging and Physical Adaptation to Old Age. Facing Aging or Changing its Face, 9th Annual Symposium on Geriatric Research and Health Care Policy. Research and Training Institute of Hebrew Rehabilitation Center for Aged, Boston, MA October 5th, 2001

Keysor JJ. Does Late-Life Physical Activity Prevent or Minimize Disablement? A Critical Review of the Scientific Evidence. Cooper Institute on Physical Activity and Disablement, October 18, 2002

Keysor JJ. Bridging Public Health and Medicine: Opportunities in Health and Rehabilitation Science. Junior Pledge Ceremony. Keynote Address. Sargent College, Boston University March 23, 2003

Keysor JJ. Arthritis and Exercise: The Evidence, Special Considerations, and Broader Factors. Vermont Arthritis Coalition, Burlington, VT. November 19, 2004

Keysor JJ. How Does the Environment Influence Disability? Examining the Evidence. Institute of Medicine. August 1, 2005

Keysor JJ. A Critical Look at the Benefits of Physical Activity on Disablement. Panel Member, Functional Limitation and Disability in Older Adults: Psychosocial and Behavioral Considerations. Gerontological Society of America Scientific Meeting, San Francisco, November 17, 2007

Keysor JJ. Physical Activity among Persons with Arthritis: Assessment, Considerations, and Behavior Change. Presentation: Association of Rheumatology Health Professionals 2009 Audio Conference Series. April 23, 2009

Keysor JJ. Making it Fun: Physical Activity for Your Child with Arthritis—and the Family. Arthritis Foundation Massachusetts's Chapter, Worcester, MA, April 11th, 2010

Allaire SM, **Keysor JJ.** Capturing Work Disability and Barriers. British Society for Rheumatology and British Health Professions in Rheumatology, Rheumatology 2010 Scientific Meeting, Birmingham, United Kingdom, April 22, 2010.

Keysor, JJ. Active Living with Arthritis: Participation, Environment, and Physical Activity. Arthritis, Bone and Disability Health Conference. Michigan Department of Public Health, Lansing, MI, March 22, 2011.

Keysor, JJ. It Worked for Me! Real-life Stories about Thriving with Osteoarthritis. People's Baptist Church Consumer Forum: Arthritis vs. You: Who's Winning? Roxbury, MA, April 30th, 2011

Keysor, JJ. Active Living with Arthritis: Beating the Barriers, St. Paul's African Methodist Episcopal Church, Cambridge, MA, June 25th, 2011

Keysor, JJ. Arthritis, Management and You. 12th Baptist Church, 150 Warren Street, Boston, MA, April 19th, 2012

Keysor JJ. Osteoarthritis: Medical, Management, and You. Arthritis Foundation Expo. Boston, MA July 15th, 2012

Keysor JJ. Arthritis: Medical, Management, and You. Myrtle Baptist Church, Newton, MA. September 15, 2012

Keysor JJ. Barriers to exercise adherence: Challenges and Opportunities to fostering adherence. In the Symposium: Exercise Adherence in Arthritis: The Role of Technology. American College of Rheumatology/Association of Rheumatology Health Professionals Scientific Meeting, November 18, 2014 Boston MA.

Vaughan M. **Keysor JJ.** Environmental innovations to promoting exercise adherence. In the Symposium: Exercise Adherence in Arthritis: The Role of Technology. American College of Rheumatology/Association of Rheumatology Health Professionals Scientific Meeting, November 18, 2014 Boston MA.

Keysor JJ. Arthritis Work Disability. Massachusetts Vocational Rehabilitation Conference. June 6, 2014. Boston, MA

Keysor JJ. Rheumatological Rehabilitation: How Are We Doing? NIDRR Arthritis State of the Science Meeting, Pentagon City, VA, April 7, 2014

Keysor JJ. Community-based Interventions to Sustain Employment. NIDRR Arthritis State of the Science Meeting, Pentagon City, VA April 7, 2014

Keysor JJ. Arthritis State of the Science Panel: Stakeholder Reflections and Next Steps. NIDRR Arthritis State of the Science Meeting, Pentagon City, VA, April 7, 2014

Keysor, JJ. Invited Panel Member Symposia. Return to Work and Work Entry: What we know from research and practice. American College of Rheumatology/Association of Rheumatology Health Professionals Annual Meeting. San Francisco, CA, November 9, 2015

Keysor, JJ. Maxwell, JL., Ledingham, A. Active living with Arthritis: Innovation of ENACT. American Physical Therapy Association Massachusetts Chapter Annual Meeting. November 14th, 2015, Norwood, MA

Keysor, JJ. Invited Speaker Platform Presentation. When Pain Gets in the Way: Overcoming Barriers to Physical Activity. International Council on Active Aging Conference. November 19 – 21, 2015. New Orleans, LA

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Maxwell JM, **Keysor JJ**, Niu J, Singh J, Nevitt MC, Frey-Law L, Felson DT. “The Effect of Knee Replacement on Participation Restriction: The MOST and OAI Studies”. American Physical Therapy Association Combined Sections Meeting, Las Vegas, February 2014.

Vaughan MW, Alheresh, R. **Keysor JJ**. “Mapping environmental features in the environment-participation literature of older adults to the ICF Framework”. American Physical Therapy Association Combined Sections Meeting, Las Vegas, February 2014.

AlHeresh R. **Keysor JJ**, Vaughan M, LaValley M, Allaire S. “Baseline Work Participation of a Novel Intervention to Minimize Work Disability among Persons with Arthritis: The Work It Study” American Occupational Therapy Association, Baltimore, MD, April 2014

AlHeresh R. **Keysor JJ**, Vaughan M, LaValley M, Allaire S. “Recruitment Lessons from a Rehabilitation-based Randomized Trial for Sustaining Work Participation among People with Arthritis.” American Occupational Therapy Association, Baltimore, MD, April 2014

Keysor JJ, Baker KR. Promoting Activity and Participation among People with Arthritis: Updates from the Field. National Association of Rehabilitation Research and Training Centers (NARRTC) Annual Meeting, Washington, DC, April 2014.

Ledingham A, **Keysor JJ**, Baker KR. "Hello'. Can a computerized phone call help me adhere to my physical therapy home exercise program?" American Physical Therapy Association, Annual Meeting June 2014

Keysor, JJ. Symposia. OAAA Resources and Efforts to Impact OA Awareness, Education and Management. American College of Rheumatology/Association of Rheumatology Health Professionals Annual Meeting. November 7-11, 2015. San Francisco, CA.

Maxwell, JL., Vaughan, M., Ledingham, A., Felson, DT., **Keysor, JJ**. Poster. Fear of the Unknown: Factors Effecting Participation Restrictions following Knee Replacement. Poster. American Physical Therapy Association – Combined Sections Meeting, February 17-20th, 2016. Anaheim, CA.

Jensen, T., Simpson, E., **Keysor, J**. Slavin, M. Poster. An Environmental Scan to Identify and Evaluate Web-based Community Walking Toolkits. American Society on Aging's Aging in America Conference. March 20-23rd, 2015. Washington, DC.

Vaughan M, LaValley M, Niu J, Lewis CE, Segal NA, Nevitt MC, Felson DT, **Keysor JJ**. Poster. Community Environmental Factors Predict Risk Of 5-Year Participation Restriction Among Older Adults With Or At Risk Of Developing Knee Osteoarthritis: The Most Study. Osteoarthritis Research Society International World Congress. Amsterdam, Netherlands. March 31 – April 4, 2016.

Keysor JJ, LaValley M, Brown C, Felson DT, AlHeresh R, Vaughan M, Allaire S. Efficacy of a Work Disability Prevention Program for People with Arthritis and Musculoskeletal Conditions: The Work-It Randomized Controlled Trial. NARTCC Washington DC. May 5, 2016

Ledingham A, Cohn E, Baker KR, **Keysor JJ**. Adults with knee osteoarthritis: Perspectives on telephone technology to support adherence to exercise. NARTCC Washington DC May 5, 2016

Keysor JJ, LaValley M, Brown C, Felson DT, AlHeresh R, Vaughan M, Yood R, Reed J, Allaire S. Efficacy of a Work Disability Prevention Program for People with Arthritis and Musculoskeletal Conditions: The Work It Study Trial. American College of Rheumatology/Association of Rheumatology Health Professionals Annual Scientific Meeting, November 14th 2016, Washington DC

Baker KR, Ledingham A, Pesanelli K, Cochrane F, Friedman R, Felson DT, **Keysor JJ**. Addition of Automated Telephone-linked Communication to a Progressive Resistance Training Program in People with Knee Osteoarthritis to Improve Long-term Exercise

Adherence. American College of Rheumatology/Association of Rheumatology Health Professionals Annual Scientific Meeting, November 15th 2016, Washington DC

Vaughan M, Felson DT, LaValley MP, Orsmond GI, Niu J, Lewis CE, Segal NA, Nevitt MC, **Keysor JJ**. Affect and Incident Participation Restriction in Adults with Knee Osteoarthritis: The MOST Study. Poster. American College of Rheumatology/Association of Rheumatology Health Professionals Annual Meeting. Washington, D.C. November 13th 2016

Keysor JJ, LaValley M, Brown C, Felson DT, AlHeresh R, Vaughan M, Yood R, Reed J, Allaire S. Efficacy of a Work Disability Prevention Program for People with Arthritis and Musculoskeletal Conditions: The Work It Study Trial. APTA Combined Sections Meeting 2017, San Antonio, TX February 15-18

Ledingham A, Cohn E, Pesanelli K, Baker K, **Keysor J**. Adults with knee osteoarthritis: Perspectives on telephone technology to support adherence to exercise. APTA Combined Sections Meeting 2017, San Antonio, TX February 15-18

Exercise and Adherence over Two Years: Beliefs of Adults with Knee Osteoarthritis. Ledingham A, Cohen E, Baker K, **Keysor J**. American College of Rheumatology/Association of Rheumatology Health Professionals Annual Scientific Meeting, November 6th 2017. Washington DC

Simpson L, **Keysor JJ**, Cochrane F, Allaire SA. Preferences for Receiving an Evidence-Based Job Retention Program Among Adults with Arthritis. Gerontological Society of America, Annual Scientific Meeting, Boston, MA November 15, 2020.

MANUSCRIPT REVIEWS

Annals of Behavioral Medicine
Arthritis Care and Research
Arthritis Research and Therapy
Archives of Physical Medicine and Rehabilitation
The Gerontologist
The Journals of Gerontology, Psychological Sciences
Journal of Applied Gerontology
Journal of Health Education and Research
Physical Therapy Journal
American Journal of Health Promotion
Milbank Quarterly
Osteoarthritis and Cartilage
Disability and Rehabilitation
Journal of Applied Gerontology
Medicine & Science in Sports & Exercise
Arthritis Society of Canada

VOLUNTEER AND COMMUNITY SERVICE

1998-2000 Carolinas Chapter, Eastern Region, Cary, NC
Co-Chair, Joints Are Rockin' 1999, 2000
Chair, Advisory Council, 1998-1999
Member, Advisory Council, 1997-1999
Volunteer Day Events: Hope Valley Golf Tournament,
Jingle Bell Run, 1998, 1999, 2017

2007-2013 Arthritis Foundation; Team Captain & Co-Captain; These Joints
Are Walking, Boston University, Boston, MA

2017 Juvenile Arthritis National Conference
Co-chair, Opening Welcome Program
Committee member, middle school programming
committee