

CURRICULUM VITAE

Daniel Kenta White
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Associate Professor
Department of Physical Therapy
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EDUCATION

M.Sc.	2013	School of Public Health, Boston University	Epidemiology
Post-doc Fellowship	2009	School of Public Health, Boston University	Post Doc
Sc.D.	2007	Sargent College, Boston University	Rehab. Science
M.S.	2000	Sargent College, Boston University	Physical Therapy
B.S.	1998	Sargent College, Boston University	Health Sciences

Board Certified Neurologic Clinical Specialist (NCS)
American Board of Physical Therapy Specialties
2005-2015

CURRENT APPOINTMENTS

2020 – present	Associate Professor with Tenure Department of Physical Therapy University of Delaware, Newark, DE
2014 – 2020	Assistant Professor Department of Physical Therapy University of Delaware, Newark, DE
2017 – present	Assistant Professor, Status Only Department of Medicine University of Toronto, Toronto, Ontario

PREVIOUS ACADEMIC AND RESEARCH APPOINTMENTS

2011 – 2016	Adjunct Scientist Human Nutrition Research Center on Aging Tufts University Medical Center, Boston, MA
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- 2009 – 2017 Research Assistant Professor
 Department of Physical Therapy and Athletic Training
 Boston University, Boston, MA
- 2009 – 2010 Post-Doctoral Fellow
 Department of Rheumatology
 Boston University School of Medicine, Boston, MA
- 2007 – 2009 Post-Doctoral Fellow, Rehabilitation Outcomes and Effectiveness
 Health and Disability Research Institute
 Boston University School of Public Health, Boston, MA

PROFESSIONAL CLINICAL APPOINTMENTS

- 2003 - 2007 Per Diem Physical Therapist
 Braintree Rehabilitation Hospital, Braintree, MA
- 2000 - 2003 Staff Physical Therapist
 Braintree Rehabilitation Hospital, Braintree, MA
- 2000 - 2002 Per Diem Physical Therapist
 Spaulding Rehabilitation Hospital, Boston, MA

MEMBERSHIPS IN PROFESSIONAL ORGANIZATIONS

- American Physical Therapy Association 1998-present
 Section Memberships: Research, Orthopedics, Geriatrics
- Association of Rheumatology Health Professionals 2007-present
- American College of Sports Medicine 2011-2013
- Gerontological Society of America 2012-present

Licensed to practice Physical Therapy

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|---------------|------------|
| Massachusetts | 15125 |
| Delaware | J1-0003584 |

PROFESSIONAL HONORS

- 2020 New Investigator Award: American Physical Therapy Association
- 2015 Arthritis Care and Research Editor’s Article Pick of the Month
- 2014 Excellence in Research Award: Section on Geriatrics, APTA
- 2013 Association for Rheumatology Health Professionals Annual Meeting: Top scored

abstract

2013 Foundation for Physical Therapy Researcher of the Month, May 2013

2010 Notable Poster at the Association of Rheumatology Health Professionals Annual Meeting, Atlanta, GA

CURRENT FUNDED AWARDS

Rheumatology Research Foundation: Physical therapy Exercise and physical Activity for Knee osteoarthritis (PEAK). The objective of this proposal is to examine the efficacy of an innovative Telehealth Physical Therapy (PT) program for adults with knee osteoarthritis (OA) to increase physical activity over 3 months in adults with knee OA compared to a control group receiving web-based resources about knee OA. Role: PI
\$400,000
2021-2022

Lisa Dean Moseley Foundation Grant: Mesenchymal Stem Cells in Knee Osteoarthritis. Role: PI. The goal of this study is to demonstrate the feasibility to collect data that will ultimately allow the comparison of the effectiveness of platelet-rich plasma (PRP) plus Mesenchymal Stem Cells (MSC) vs MSC alone to improve pain, physical function, and physical activity. Role: PI
\$296,197
2019-2021

NIH R21AR074578 (Co-I): Dynamic Treatment Regimens of Physical Activity for Persons with Osteoarthritis. Role: Co-I. The goal of this study is to investigate patterns of physical activity associated with OA-related health outcomes. Role: PI
\$250,000
2019-2021

NIH R21AR071079: A novel physical therapy administered physical activity intervention after TKR. Role: PI. The goal of this study was to test the preliminary efficacy of a Fitbit™ + PT intervention to increase physical activity after Total Knee Replacement. Role: PI
\$400,000
2017-2021

COMPLETED FUNDED AWARDS

NIH K12 HD055931: Comprehensive Opportunities in Rehabilitation Research Training (CORRT) K12 Training Grant “Facilitating Physical Activity after Total Knee Replacement” Role: K12 Awardee
\$200,000
2016-2018

NIH U54-GM104941: Delaware-CTR Accelerating Clinical and Translation Research

Pilot Grant "*Promotion of Physical Activity after Total Knee Replacement*" Role: PI of the Pilot Grant
\$40,000
2016-2017

NIH U54-GM104941: Delaware-CTR Accelerating Clinical and Translation Research Pilot Grant "*Promotion of Physical Activity after Total Knee Replacement*" Role: PI of the Pilot Grant
\$84,000
2015-2016

NIH-NIAMS Loan Repayment Program Award "Physical Activity and Knee OA" Role: PI
2010-2014

NCMRR through the Boston Rehabilitation Outcomes Center
Pilot Grant "Identifying disability in older adults using accelerometry: Can we do better than self-report?" Role: PI of the Pilot Grant
\$60,000
2012-2014

American College of Rheumatology: Research and Education Foundation
Bridge Funding Award: Continuation of "Factors associated with change in daily walking in knee osteoarthritis" Role: PI
\$75,000
2014-2015

American College of Rheumatology: Research and Education Foundation
Rheumatology Investigator Award "Factors associated with change in daily walking in knee osteoarthritis" Role: PI
\$375,000
2011-2014

American Physical Therapy Association: The Foundation for Physical Therapy
Geriatric Research Grant "Factors associated with daily walking in older adults with knee osteoarthritis" Role: PI
\$40,000
2011-2013

Research Career Development Award "Physical Activity and Physical Function in Knee OA". Role: PI
Boston Claude D. Pepper Older Americans Independence Center
\$60,000
2010-2012

Ruth L. Kirschstein Research Service Award "Physical function and associated risk factors in Knee OA" Role: PI
Boston University/ National Institutes of Health

\$42,000
2009-2010

American College of Rheumatology Research and Education Foundation's New Investigator Award "Predictors of functional limitation in knee OA" Role; PI
\$100,000
2008-2010

Post-Doctoral Fellowship Award recipient "Disability and the environment in knee OA".
Role: Post-doctoral fellow awardee
Boston University/National Institute on Disability and Rehabilitation Research
\$72,000
2007-2009

RESEARCH SUPERVISOR/ADVISOR EXPERIENCE

Current

- **Main advisor** for Dana Matthews, PT, PhD Student, Biomechanical and Movement Sciences, Department of Physical Therapy, University of Delaware. Successfully obtained Florence P. Kendall Scholarship and PODS I Scholarship from the Foundation of Physical Therapy. Her research focuses on cumulative load's association with incident knee osteoarthritis. Started in 2017 and expected to defend in 2021.
- **Main advisor** for Jason Jakiela, PhD Student, Biomechanical and Movement Sciences, Department of Physical Therapy, University of Delaware. Started in 2019 and expected to defend in 2023.

Completed

- **Main advisor** for Meredith Christiansen, PT, PhD Student, Biomechanical and Movement Sciences, Department of Physical Therapy, University of Delaware. Successfully obtained a Lawren H. Daltroy Health Professional Preceptorship from the Rheumatology Research Foundation, and a New Investigator Award from the Academy of Orthopaedic Physical Therapy. Research focuses on barriers and facilitators to utilization of Physical Therapy in knee OA and in people after Total Knee Replacement.
- **Main advisor** for Louise Thoma, PT, PhD, Post-Doctoral Fellow, Department of Physical Therapy, University of Delaware. Research focuses on Physical Activity after knee injuries in young adults. Recently awarded a F32 award (White primary mentor). Started in 2015. Started as an Assistant Professor at the University of North Carolina at Chapel Hill Physical Therapy Department in August of 2019.

- **Main advisor** for Hiral Master, PT, PhD Student, Biomechanical and Movement Sciences, Department of Physical Therapy, University of Delaware. Successfully obtained a University of Delaware Doctoral Scholarship. Research focuses on physical function and physical activity in people with Knee Osteoarthritis. Started in 2015 and defended in 2019. Current post-doctoral fellow at Vanderbilt University.
- **Co-advisor** for Sally Fenton, PhD, Post-Doctoral Fellow, University of Birmingham, Birmingham, UK. Research focuses on daily walking and functional limitation in knee OA.
- **Co-advisor** for Kathleen Madera, PT, PhD Student, Biomechanical and Movement Sciences, Department of Physical Therapy, University of Delaware. Research focuses on hip osteoarthritis and physical function. Started in 2014 and expected to defend in 2018.
- **Co-advisor** for Annalisa Na, PT, PhD Student, Biomechanical and Movement Sciences, Department of Physical Therapy, University of Delaware. Research focuses on Biomechanics of knee osteoarthritis. Completed in 2017
- **Co-advisor** for Federico Pozzi, PT, PhD Student, Biomechanical and Movement Sciences, Department of Physical Therapy, University of Delaware. Research focuses on Biomechanics of knee osteoarthritis. Completed in 2015
- **Co-advisor** for Portia Flowers, PT, PhD Student, Biomechanical and Movement Sciences, Department of Physical Therapy, University of Delaware. Research focuses on Biomechanics of knee osteoarthritis. Completed in 2014

PUBLICATIONS: REFEREED

1. Gibbs BB, Sternfeld B, Whitaker KM, Brach JS, Hergenroeder AL, Jacobs DR, Reis JP, Sidney S, **White DK**, Pettee Gabriel K. Bidirectional associations of accelerometer-derived physical activity and stationary behavior with self-reported mental and physical health during midlife. *International Journal of Behavioral Nutrition and Physical Activity*. 2021: Dec;18:1-1.
2. Master, H., Thoma, L., Neogi, T., Dunlop, D., LaValley, M., Christiansen, M., Voinier, D., **White, DK**. Daily Walking and the risk of knee replacement over five years among adults with advanced knee osteoarthritis in the United States. *Arch Phys Med Rehab*, 2021: In Press.
3. Felson, D., Rabasa, G., Jarfarzadeh, R., Nevitt, M., Lewis, C., Segal, N., **White, DK**. Factors associated with pain resolution in those with knee pain: The MOST Study. *Osteoarthritis and Cartilage*. 2021: In Press
4. Whitaker, K., Gabriel, K., Laddu, D., **White, DK.**, Sidney, S., Sternfeld, B., Lewis, C., Jacobs, D. Bi-directional associations of accelerometer measured sedentary

behavior and physical activity with knee pain, stiffness, and physical function: the CARDIA Study. *Prev Med Rep.* 2021: In Press.

5. Master, H., Thoma, L., Dunlop, D., Christiansen, M., Voinier, D., **White, DK.** Joint association of moderate-to-vigorous intensity physical activity and sedentary behavior with incident functional limitation: data from the Osteoarthritis Initiative (OAI). *J Rheum.* 2021: In Press.
6. Master, H., Coleman, G., Dobson, F., Bennell, K., Hinman, R., Jakiela, J., **White, DK.** A narrative review on measurement properties of fixed-distance walk tests up to 40 meters for adults with knee osteoarthritis. *J Rheum.* 2020: In Press.
7. Wang, Y., Zhang, Y., Bennell, K., **White, DK.**, Wu, Z., He, H., Liu, S., Luo, X., Hu, S., Zeng, C., Lei, G. Physical Distancing Measures and Walking Activity in Middle-aged and Older Residents in Changsha, China During the COVID-19 Epidemic Period: Longitudinal Observational Study. *JMIR.* 2020: In Press.
8. Holden, MA., Button, K., Collins, N., [et al, including **White, DK.**] Guidance for implementing best practice therapeutic exercise for people with knee and hip osteoarthritis: what does the current evidence base tell us? *Arthritis Care Res.* 2020: In Press.
9. Coleman, G., **White, D.K.**, Thoma, L.M., Mathews, D., Christiansen, M.B., Schmitt, L.A., Jakiela, J.T. and Master, H. Does a physical therapist-administered physical activity intervention reduce sedentary time after total knee replacement: An exploratory study?. *Musculoskeletal Care.* 2020: In Press. doi:[10.1002/msc.1517](https://doi.org/10.1002/msc.1517)
10. Master, H., Neogi, T., Callahan, L., Nelson, A., LaValley, M., Cleveland, R., Golightly, Y., Thoma, L., Zhang, Y., Voinier, D., Christiansen, M., Jakiela, J., Nevitt, M., Lewis, C., Frey-Law, L., **White, DK.** The association between walking speed from short- and standard-distance tests with the risk of all-cause mortality among adults with radiographic knee osteoarthritis: Data from three large United States cohort studies. *Osteoarthritis and Cartilage.* 2020: In Press
11. Master, H., Neogi, T., LaValley, M., Thoma, L., Zhang, Y., Voinier, D., Christiansen, **White, DK.** Does the one-year decline in walking speed predict mortality risk beyond current walking speed in adults with knee osteoarthritis. *J Rheum.* 2020: In Press.
12. Coleman, G., Dobson, F., Hinman, R., Bennell, K., **White, DK.** Measures of physical performance. *Arthritis Care Res.* 2020: In Press.
13. Parsons, C., Gates, LS., Perry, T., Nevitt, M., Felson, D., Sanches-Santos, M., Jones, G., Golightly, Y., Allen, K., Callahan., LF., **White, DK.**, et al. Predominant lifetime occupation and associations with painful and structural knee Osteoarthritis: an international participant-level cohort collaboration. *Osteoarthritis and Cartilage Open.* 2020: In Press

14. Christiansen, M., Dix., C., Jakiela, J., Master, H., Habermann, B., Silbernagel, K., **White, DK**. "I've been to physical therapy before for other reasons for other problems, but not the knees" A Qualitative Study Exploring Barriers and Facilitators to Physical Therapy for Knee Osteoarthritis. *Musculoskeletal Care*. 2020:In Press
15. Yunfei, H. [et al, including **White, DK**. Knee osteoarthritis exercise therapy clinical practice guidelines. *Natl Med J China*. 2020:In press. DOI: 10.3760/cma.j.issn.0376-2491.2020.E026
16. Christiansen, M., Thoma, L., Master, H., Vonier, D., **White, DK**. The Association of an Increasing Waist Circumference and Risk of Incident Low Physical Function in Knee Osteoarthritis. *J Rheum*. 2020: In Press.
17. Vonier, D., Neogi, T., Stefanik, J., Guermazi, A., Roemer, F., Thoma, L., Master, H., Nevitt, M., Lewis, C., Torner, J., **White, DK**. Using Cumulative Load to Explain How Body Mass Index and Daily Walking Relate to Worsening Knee Cartilage Damage over Two Years: The MOST Study. *Arthritis Rheumatol*. 2019: In Press.
18. Kolasinski, SL., Hochberg, M., Neogi, T., [et al, including **White, DK**.] 2019 American College of Rheumatology/Arthritis Foundation Guideline for the Management of Osteoarthritis of the Hand, Hip and Knee. *Arthritis Rheumatol*. 2019: In Press.
19. Christiansen, MB., **White, DK**, Christian, J., Waugh, E., Gakhal, N., King, L., Hawker, G., Webster, F. "It doesn't always make it into the top of the list:" PCPs' experience with prescribing exercise for knee osteoarthritis. *Can Fam Physician*. 2019: In Press.
20. Christiansen, MB., Thoma, LM., Master, H., Voinier D., Schmitt LA., Ziegler ML., LaValley, MP., **White, DK**. The feasibility and preliminary outcomes of a physical therapist-administered physical activity intervention after total knee replacement. *Arthritis Care Res*. 2019: In Press.
21. Waugh, E., King, L., Gakhal, N., Hawker, G., Webster, F., **White, DK**. Physical activity intervention in primary care and rheumatology for the management of knee osteoarthritis: a review. *Arthritis Care Res*. 2019;71:189-197. PMID: 29920972
22. Pozzi, F., **White, DK**., Snyder-Mackler, L., Zeni, J. Restoring physical function after knee replacement: a cross sectional comparison of progressive strengthening vs standard physical therapy. *Physiother Theory Pract*. 2018;7:1-12. PMID: 29877749
23. Fenton, SAM., Neogi, T., Dunlop, D., Nevitt, M., Doherty, M., Duda, JL., Kocke, R., Abhishek, A., Zhang, W., Lewis, CE., Torner, J., Kitas, G., **White, DK**., Does the intensity of daily walking matter for protecting against the development of a slow gait speed in people with or at high risk of knee osteoarthritis? An observational study. *Osteoarthritis Cartilage*. 2018;26:1181-1189. PMID: 29729332

24. Allen KD, Golightly YM, **White DK**. Gaps in appropriate use of treatment strategies in osteoarthritis. *Best Pract Res Clin Rheumatol*. 2018;31(5):746-759. PMID: 30509418
25. Christiansen, M., Thoma, L., Master, H., Schmitt, L., Pohlig, R., **White, DK.**, A physical therapist administered physical activity intervention after total knee replacement: protocol for a randomized controlled trial. *Physical Therapy* 2018;98:578-584. PMID: 29608733
26. Thoma, L., Dunlop, D., Song, J., Lee, J., Tudor-Locke, C., Aguiar, EJ., Master, H., Christiansen, M., **White, DK**. Are older adults with symptomatic knee osteoarthritis less active than the general population? Analysis from the Osteoarthritis Initiative and NHANES. *Arthritis Care Res*. 2018;70:1448-1454. PMID: 29468844
27. Master, H., Thoma, L., Christiansen, M., Polakowski, E., **White, DK**. Minimum performance on clinical tests of physical function predict walking 6000 steps/day in knee osteoarthritis: An observational study. *Arthritis Care Res*. 2018;70:1005-1011. PMID: 29045051.
28. **White, DK.**, Li, Z., Zhang, Y., Marmon, A., Master, H., Zeni, J., Niu, J., Jiang, L., Zhang, S., Lin, J. Physical Function after Total Knee Replacement: An observational study describing outcomes in a small group of women from China and the United States. *Arch Phys Med Rehab*. 2018; 99:194-197. PMID: 28760574
29. Kapoor, A., Matheos, T., Walz, M., McDonough, C., Maheswaran, A., Ruppell, E., Mohamud, D., Shaffer, N., Zhou, Y., Kaur, S., Heard, S., Crawford, S., Cabral, H., **White, DK**, et al. Self-Reported Function More Informative than Frailty Phenotype in Predicting an Adverse Postoperative Course in Older Adults. *J Am Geriatr Soc*. 2017;65:2522-2528. PMID: 28926087
30. **White, DK.**, Lee, J., Song, J., Chang, R., Dunlop, D. Potential functional benefit from light intensity physical activity in knee OA. *Am J Prev Med*. 2017;53:689-696. PMID: 28869091
31. Gill, SV., Hicks, G., Zhang, Y., Niu, J., Apovian, C., **White, DK**. The Association of Waist Circumference with Walking Difficulty Among Adults with or at Risk of Knee Osteoarthritis: The Osteoarthritis Initiative. *Osteoarthritis and Cartilage*. 2017;25:60-66. PMID: 27492464
32. Kheirkhan, M., Tudor-Locke, C., Axtell, R., Buman, M., Fielding, R., Glynn, N., Guralnik, J., King, A., **White, DK.**, et al. Actigraphy features for predicting mobility disability in older adults. *Physiological Measurement*. 2016;37:1813-33. PMID: 27653966
33. **White, DK.**, Neogi, T., Zhang, Y., Niu, J., Katz, P. The association of slow gait speed with trajectories of worsening depressive symptoms in knee osteoarthritis: An observational study. *Arthritis Care Res*. 2016: 69:209-15. PMID: 27158972

34. **White, DK**, Master, H. Patient-Reported Measures of Physical Function in Knee Osteoarthritis. *Rheum Dis Clin N Am*. 2016; 42:239-52. PMID: 27133487
35. Corcoran MP, Chui K, **White DK** et al. Accelerometer assessment of physical activity and its association with physical function in older adults residing at assisted care facilities. *J Nutr Health Aging*. 2016;20:752-8. PMID: 27499309
36. Dominick G, Zeni J, **White DK**. The association of psychosocial factors with physical activity and function after total knee replacement: An exploratory study. *Arch Phys Med Rehab*. 2016;97:S218-25. PMID: 27211008
37. **White DK**, Neogi T, Nguyen U, Niu J, Zhang Y. Trajectories of functional decline in knee osteoarthritis: The Osteoarthritis Initiative. *Rheumatology*. 2016; 55:801-8 PMID: 26705330
38. **White DK**, Tudor-Locke C, Zhang Y, Niu J, Felson D, Gross KD, Nevitt M, Lewis C, Torner J, Neogi T. Prospective change in daily walking over two years in older adults with or at risk of knee osteoarthritis: The MOST Study. *Osteoarthritis and Cartilage*. 2016;24:246-53. PMID: 26318659
39. Øiestad BE, **White DK**, et al. The longitudinal course of physical function in people with symptomatic knee osteoarthritis: Data from the MOST study and the OAI. *Arthritis Care Res*. 2016; 68:325-31 PMID: 26236919
40. Øiestad BE, Quinn E, **White DK**, et al. No association between daily walking and structural changes in people at risk of or with mild knee osteoarthritis. Prospective data from the Multicenter Osteoarthritis Study. *J Rheum*. 2015;42:1685-93 PMID: 26077404
41. **White DK**, Gabriel KP, Kim Y, Lewis CE, Sternfeld B. Do short spurts of physical activity protect against the development of hypertension and obesity over 5 years in middle-aged US adults? The CARDIA study. *Med Sci Sports Exerc*. 2015;47:2353-8. PMID: 25785930
42. I Reinders, R Murphy, K Martin, I Brouwer, M Visser, **DK White**, et al. for the Health ABC study. BMI Trajectories in relation to Change in Lean Mass and Physical Function: The Health ABC Study. *J Am Geriatr Soc*. 2015;63:1615-21. PMID: 26289686
43. JD Fitzgerald, L Johnson, DG Hire, WT Ambrosius, SD Anton, JA Dodson, AP Marsh, MM McDermott, JR Nocera, C Tudor-Locke, **DK White**, V Yank, M Pahor, TM Manini, TW Buford for LIFE Study Research Group. Association of Objectively-measured Physical Activity with Cardiovascular Risk in Mobility-limited Older Adults. *J Amer Heart Assoc*. 2015;18;4. PMID: 25696062

44. **White DK**, Neogi T, Rejeski WJ, Walkup MP, Lewis CE, Nevitt MC, Foy CG, Felson DT. Can an intensive diet and exercise program prevent knee pain among overweight adults at high risk? *Arthritis Care Res.* 2015; 67:965-71 PMID 25692781
45. **White DK**, Neogi T, King WC, LaValley M, Kritchevsky S, Nevitt M, Harris T, Ferrucci L, Simonsick E, Satterfield S, Strotmeyer E, Zhang Y. Can change in prolonged walking be inferred from a short test of gait speed among initially well-functioning older adults? The Health, Aging and Body Composition Study. *Phys Ther.* 2014;94:1285-93. PMID 24786943
46. **White DK**, Tudor-Locke C, Zhang Y, Fielding R, LaValley M, Felson D, Gross KD, Nevitt M, Lewis C, Torner J, Neogi T. Daily walking and the risk of incident functional limitation in knee OA: An observational study. *Arthritis Care Res.* 2014;1328-36. PMID: 24923633
47. Nguyen U, Felson D, Niu J, **White DK**, Segal N, Lewis C, Rasmussen M, Nevitt M. The Impact of knee instability with and without buckling on balance confidence, fear of falling and physical function: The MOST Study. *Osteoarthritis and Cartilage.* 2014;22:527-34. PMID 24508777.
48. **White DK**, Tudor-Locke C, Felson D, Gross KD, Niu J, Nevitt M, Lewis C, Torner J, Neogi T. Walking to meet physical activity guidelines in knee OA: Is 10,000 steps enough? *Arch Phys Med Rehab.* 2013;94:711-7. PMID 23228625
49. **White DK**, Tudor-Locke C, Felson D, Gross KD, Niu J, Nevitt M, Lewis C, Torner J, Neogi T. Do radiographic disease and pain account for why people with or at high risk of knee osteoarthritis do not meet Physical Activity Guidelines? *Arthritis Rheum.* 2013;65; 139-47. PMID: 23124774.
50. **White DK**, Neogi T, Nevitt M, Peloquin C, Zhu Y, Boudreau R, Cauley J, Ferrucci L, Harris T, Satterfield S, Simonsick E, Strotmeyer E, Zhang Y. Trajectories of gait speed predict mortality in well-functioning older adults: The Health, Aging and Body Composition Study. *J Gerontol A Biol Sci Med Sci.* 2013;68:456-64. PMID: 23051974.
51. **White DK**, Niu J, Zhang Y. Is symptomatic knee osteoarthritis a risk factor for a fast decline in gait speed? Results from the Osteoarthritis Initiative. *Arthritis Care Res.* 2013;65:666. PMID: 22899342
52. Fitzgerald GK, **White DK**, Piva S. Associations for change in physical and psychological factors and treatment response following exercise in knee osteoarthritis: An exploratory study. *Arthritis Care Res.* 2012;64:1673-80. PMID: 22674892
53. **White DK**, Keysor JJ, Neogi T, Felson D, LaValley M, Gross KD, Niu J, Nevitt M, Lewis C, Torner J, Fredman L. When it hurts a positive attitude may help: The

association of positive affect with daily walking in knee OA: The MOST Study. *Arthritis Care Res.* 2012;64:1312-9. PMID: 22504854

54. **White DK**, Neogi T, Zhang Y, Felson D, LaValley M, Niu J, Nevitt M, Lewis C, Torner J, Gross KD. The association of obesity with walking independent of knee pain: The Multicenter Osteoarthritis Study. *J Obes.* 2012;26:1974. PMID: 22645666
55. **White DK**, Choi H, Peloquin C, Zhu Y, Zhang Y. The secular trend of adhesive capsulitis. *Arthritis Care Res.* 2011;63:1571-5. PMID: 22034118
56. **White DK**, Felson D, Niu J, Lewis CE, Torner J, Nevitt M, Neogi T. Reasons for functional decline despite improvements in knee pain: The MOST Study. *Physical Therapy.* 2011;91:1849-56. PMID: 22033168.
57. **White DK**, Wilson, J, Keysor J. Measures of adult general functional status. *Arthritis Care Res.* 2011;63:S297-S307. PMID: 22588752.
58. **White DK**, Zhang Y, Niu J, Keysor J, Nevitt M, Lewis CE, Torner J, Neogi T. Do worsening radiographs mean greater chance of severe functional limitation? The MOST Study. *Arthritis Care Res.* 2010; 62:1433-9. PMID: 20506398
59. **White DK**, Zhang Y, Felson D, Niu J, Keysor J, Nevitt M, Lewis C, Torner J, Neogi T. The independent effect of pain in one versus two knees on the presence of low physical function: The MOST Study. *Arthritis Care Res.* 2010;62:938-943. PMID: 20191572
60. **White DK**, Jette AM, Felson DT, Lavalley MP, Lewis CE, Torner JC, Nevitt MC, Keysor JJ. Are features of the neighborhood environment associated with disability in older adults? *Disability and Rehabilitation.* 2010;32:639-45. PMID: 20205576
61. **White DK**, Keysor JJ, Lavalley MP, Lewis CE, Torner JC, Nevitt MC, Felson DT. Clinically important improvement in function is common in people with or at high risk of knee OA: the MOST study. *J Rheum.* 2010;37:1244-51. PMID: 20395640
62. Lew HL, Garvert DW, Pogoda TK, Hsu PT, Devine JM, **White DK**, & Myers P. Auditory and Visual Impairments in Patients with Blast-Related Traumatic Brain Injury: Effect of Dual Sensory Impairment on Functional Independence Measure. *J Rehabil Res Dev*, 2009;46:819-26. PMID: 20104405
63. **White DK**, Wagenaar RC, Ellis TD, Tickle-Degnen L. Changes in walking activity and endurance following rehabilitation for people with Parkinson disease. *Arch Phys Med Rehab* 2009;90:43-50. PMID: 19154828
64. Ellis, T., Katz, D., **White, DK.**, DePeiro, T., Hohler, A., Saint-Hilaire, M. Effectiveness of an Inpatient Multidisciplinary Rehabilitation Program for Patients with Parkinson's Disease. *Phys Ther.* 2008;88:812-19. PMID: 18436568

65. **White, DK.**, Wagenaar, R., Del Olmo, M., Ellis, T. Test re-test reliability of 24 hours of activity monitoring in individuals with Parkinson's disease in the home and community settings. *Neurorehabilitation and Neural Repair*. 2007;21:327-40. PMID: 17369513
66. **White, DK.**, Wagenaar, R., Ellis, T. Monitoring activities in individuals with Parkinson's disease: A validity study. *Journal of Neurologic Physical Therapy*. 2006;30:12-21. PMID: 16630367
67. Katz, D., **White, DK.**, Alexander, MP, Klein, RB. Recovery of Ambulation after Traumatic Brain Injury. *Arch Phys Med Rehab*. 2004;85:865-869. PMID: 15179637

LETTERS TO THE EDITOR

1. Master H., **White DK.** Physical activity after total knee arthroplasty. *J Arthroplasty* 2017;32:3258-3259. PMID: 28669570.
2. Kapoor A, Shaffer NS, McDonough CM, **White DK** et al. Examining New Preoperative Assessment Tools. *J Am Geriatr Soc*. 2016;64:e102-e104. PMID: 27590632.
3. Laussen JC, Chale A, Hau C, Fielding RA, **White DK.** Does physical activity change following progressive resistance exercise in functionally limited older adults? *JAGS*. 2015;63:392-3. PMID 25688616

EDITORIALS

1. Jakiela J., Waugh, E., **White DK.** Walk at least 10 minutes a day for adults with knee OA: Recommendation for minimal activity during the COVID-19 pandemic. *J Rheum*. 2020: In Press.
2. **White, DK,** Nash M. It is time to invite patients to the physical activity party..." *Arch Phys Med Rehab*. 2016: 97:S183-4. PMID: 27566482

BOOK CHAPTERS

Keysor, JJ, **White, D** (2009) Community Participation and the Environment: Theoretical, Assessment and Clinical Implications. In G. Stucki (ed) 5th Edition, *Physical Medicine and Rehabilitation: Principle and Practice*. New York, NY.

White, D, Katz DI, Ellis, T. (2004) Rehabilitation of patients with atypical Parkinsonian disorders. In I. Litvan (ed) *Atypical Parkinsonian Disorders*. Humana Press, Totwa, NJ.

PEER REVIEWED PRESENTATIONS AT SCIENTIFIC MEETINGS

1. Bye TK, **White DK**, Voinier DR, Tukis MR, Konyak K, Corey J, Jakiela JT. Transient Change in Steps and MVPA due to Activity Monitoring in Adults with Knee Osteoarthritis. ACSM Annual Meeting; 2021 June 1-5. Poster Presentation
2. Jakiela JT, Voinier D, Bye T, Tukis M, Corey J, **White DK**. "The relationship of lower body strength and functioning with trajectories of stair use frequency over 6 years in adults with or at risk for knee osteoarthritis." *Osteoarthritis Research Society International World Congress*, virtual, April/May 2021, international conference, poster.
3. Voinier D, Konyak K, Jakiela JT, Master H, Tukis M, Bye T, Orloff D, **White DK**. Understanding Opioid Use during Physical Therapy after Knee Replacement, and the Opportunity for Timely Intervention [Abstract]. APTA Combined Sections Meeting (CSM); 2021 Feb 25-27. Poster presentation.
4. Tukis MR, **White DK**, Master H, Jakiela J, Voinier DR. How Six Minute Walk Test Performance is Associated with Walking 6000 Steps/Day after Knee Replacement. APTA Combined Sections Meeting (CSM); 2021 Feb 25-27. Poster presentation.
5. Jakiela JT, Orloff D, Voinier D, Bye T, Tukis M, Konyak K, **White DK**. The association between kinesiophobia and physical activity in adults after total knee replacement. APTA Combined Sections Meeting (CSM); 2021 Feb 25-27. Platform presentation.
6. Master H, Bley J, Robinette P, Coronado R, **White DK**, Pennings J, Archer K. Effects of Wearable Based Interventions on Outcomes in Adults Following Orthopaedic Surgery: A Systematic Review. *Combined Sections Meeting of the American Physical Therapy Association*. February 2021. Poster presentation.
7. Jakiela JT, Voinier D, Bye T, Tukis M, Konyak K, Orloff D, **White DK**. The association of frequent knee bending with trajectories of pain and physical function over 8 years in knee osteoarthritis. American College of Rheumatology/Association of Rheumatology Health Professionals Annual Meeting. November 2020. Poster presentation.
8. Voinier D, Neogi T, Stefanik JJ, Guermazi A, Roemer FW, Master H, Thoma LA, Christiansen MB, Jakiela JT, Nevitt MC, Lewis CE, Torner J, **White DK**. The Joint Association of Steps/day and Typical Sedentary Bout Length with Worsening Knee Cartilage Damage Over Two Years: The MOST Study. American College of Rheumatology/Association of Rheumatology Health Professionals Annual Meeting. November 2020. Poster presentation.
9. Master, H., Neogi, T., Callahan, L.F, Nelson, A.E., LaValley, M., Cleveland, R.J., Golightly, Y.M., Thoma, L.M., Zhang, Y., Voinier, D., Christiansen, M.B., Jakiela, J.T., Nevitt, M., Lewis, C.E., Frey-Law, L.A., **White, D.K.** The Association of Walking Speed from Short- and Standard-Distance Tests with Mortality Risk Among Adults with Radiographic Knee Osteoarthritis: Data from Johnston County Osteoarthritis Project, Osteoarthritis Initiative and Multicenter Osteoarthritis Study. American College of Rheumatology/Association of Rheumatology Health Professionals Annual Meeting. November 2020. Platform presentation.

10. Jakiela JT, Voinier D, Christiansen MB, Master H, **White DK**. The association of knee bending and physical activity with incident knee pain and functional limitation over 4 years in knee osteoarthritis. Osteoarthritis Research Society International (OARSI) World Congress. Vienna, Austria. April 30 – May 3, 2020. Poster presentation.
11. Master H, Neogi T, Callahan LF, Nelson AE, LaValley M, Cleveland RJ, Thoma LM, Voinier D, Christiansen MB, Jakiela JT, **White DK**. Predictive value of walking speed for mortality risk in radiographic knee osteoarthritis – Data from the Johnston County Osteoarthritis Project and the Osteoarthritis Initiative. Osteoarthritis Research Society International World Congress. Vienna, Austria. April 30 – May 3, 2020. Poster presentation.
12. Voinier D, Neogi T, Stefanik JJ, Guermazi A, Roemer FW, Nevitt MC, Lewis CE, Torner J, **White DK**. Variability of Walking Patterns and Worsening Knee Cartilage Damage Over Two Years: The Multicenter Osteoarthritis Study (MOST). Osteoarthritis Research Society International World Congress. Vienna, Austria. April 30 – May 3, 2020. Poster presentation.
13. Master H, Neogi T, Michael L, Thoma L, Christiansen M, Voinier D, Neely L, Jakiela J, **White DK**. Optimal Threshold of Walking Speed That Predicts Mortality Risk over 9 Years in Knee Osteoarthritis. APTA Combined Sections Meeting 2020; 2020 Feb 12-15; Denver, CO. Poster presentation.
14. Coleman G, **White DK**, Thoma L, Christiansen M, Voinier D, Jakiela J, Neely L, Schmitt L, Master H, Does a Physical Therapist-Administered Physical Activity Intervention Reduce Sedentary Time after Total Knee Replacement? APTA Combined Sections Meeting 2020; 2020 Feb 12-15; Denver, CO. Platform presentation.
15. Master H, Neogi T, Michael L, Thoma L, Voinier D, Christiansen M, Jakiela J, Neely L, **White DK**. Decline in Walking Speed Does Not Predict Mortality Beyond Current Walking Speed in Knee Osteoarthritis. APTA Combined Sections Meeting 2020; 2020 Feb 12-15; Denver, CO. Poster presentation. Platform presentation.
16. Voinier D, Neogi T, Master H, Thoma LM, Christiansen MB, Jakiela J, Neely L, **White DK**. Effects of Sitting during Leisure and/or Work Time on Knee Osteoarthritis: Data from the OAI [Poster]. Accepted at: APTA Combined Sections Meeting 2020; 2020 Feb 12-15; Denver, CO.
17. Jakiela JT, **White DK**, Master H, Christiansen M, Mathews D, Neely L, Thoma LM. Understanding Knee Function and Symptom Management in Individuals with Risk Factors for Knee Osteoarthritis. American College of Rheumatology/Association of Rheumatology Health Professionals Annual Meeting. Atlanta, GA. November 2019. Poster presentation.
18. Jakiela JT, Thoma LM, Master H, Mathews D, Christiansen M, Neely L, **White DK**. Activity in Work and Life: The Association Between Physical Activity and Employment

Status with Future Slow Walking in Knee Osteoarthritis. American College of Rheumatology/Association of Rheumatology Health Professionals Annual Meeting. Atlanta, GA. November 2019. Poster presentation.

19. Master H, Neogi T, Michael L, Thoma L, Christiansen M, Voinier D, Neely L, Jakiela J, **White DK**. Optimal Threshold of Walking Speed Predictive of Mortality Risk over 9 Years in Knee Osteoarthritis: Data from Osteoarthritis Initiative. American College of Rheumatology/Association of Rheumatology Health Professionals Annual Meeting. Atlanta, GA. November 2019. Platform presentation.
20. Master H, Neogi T, Michael L, Thoma L, Voinier D, Christiansen M, Jakiela J, Neely L, **White DK**. Does the Degree of Decline in Walking Speed Predict Mortality Risk Beyond the Present Level of Walking Speed in Knee Osteoarthritis?. American College of Rheumatology/Association of Rheumatology Health Professionals Annual Meeting. Atlanta, GA. November 2019. Platform presentation.
21. Thoma LM, Jakiela J, Master H, Vonier D, Christiansen MB, **White DK**. Restricting Activity to Evade Knee Symptoms Is Associated with Worse Physical Function and Radiographic Osteoarthritis. American College of Rheumatology/Association of Rheumatology Professionals Annual Meeting. Atlanta, GA. November 2019. Poster presentation.
22. Voinier D, Neogi T, Master H, Thoma LM, Christiansen MB, Jakiela JT, Neely L, **White DK**. The Effects of Leisure Time Sitting and Sitting at Work on Worsening Radiographic Knee Osteoarthritis over Two Years: Data from the Osteoarthritis Initiative. American College of Rheumatology/Association of Rheumatology Professionals Annual Meeting. Atlanta, GA. November 2019. Platform presentation.
23. **White, DK**. Wearable Technologies: Evidence-Based Updates. American College of Rheumatology/Association of Rheumatology Professionals Annual Meeting. Atlanta, GA. November 2019. Platform presentation.
24. **White, DK**. Non-Drug Interventions for Hip, Knee & Hand OA: 2019 Guideline Update. American College of Rheumatology/Association of Rheumatology Professionals Annual Meeting. Atlanta, GA. November 2019. Platform presentation.
25. Schmitt **LA**, Manal TJ, Master H, **White DK**. Monitoring Clinical Outcomes for 2.5 Years Prior to Undergoing Total Knee Replacement (TKR): A Case Report. CSM 2019 Washington, DC. Poster presentation.
26. Thoma, L., **White DK**., Risberg MA, Snyder-Mackler L. Factors Associated with Overweight or Obesity in Athletes 5 Years after Anterior Cruciate Ligament Injury. American College of Rheumatology/Association of Rheumatology Health Professionals Annual Meeting. Chicago, IL. October 2018. Platform presentation.

27. Master H, Thoma LM, Christiansen M, Mathews D, Macri E, Ziegler M, Stefanik JJ, **White DK**. Friend or Foe: Does Walking at Higher Intensities Increase or Decrease the Risk of Total Knee Arthroplasty over Five Years? American College of Rheumatology/Association of Rheumatology Health Professionals Annual Meeting. Chicago, IL. October 2018. Poster presentation.
28. Christiansen MB, Thoma LM, Master H, Mathews D, Ziegler M, Schmitt LA, **White DK**. 1-Year Outcomes from a Novel Physical Therapist-Administered Physical Activity Intervention after Total Knee Replacement: A Pilot Study. American College of Rheumatology/Association of Rheumatology Health Professionals Annual Meeting. Chicago, IL. October 2018. Poster presentation.
29. Christiansen M, Thoma LM, Master H, Mathews D, Macri E, **White DK**. Is a Change in Physical Activity Associated with a Change in Health-Related Quality of Life after Total Knee Replacement? American College of Rheumatology/Association of Rheumatology Health Professionals Annual Meeting. Chicago, IL. October 2018. Poster presentation.
30. Mathews D, **White DK**, Neogi T, Guermazi A, Roemer F, Thoma LM, Master H, Christiansen MB, Lewis CE, Nevitt MC, Torner JC, Stefanik JJ. The relation of cumulative load to worsening knee cartilage damage over two years: the MOST study. OARSI. Liverpool, England. April 2018. Poster presentation
31. Thoma LM, **White DK**, Risberg M, Snyder-Mackler L. Body weight status and status change over 5 years after ACL rupture by age, sex, and region: the Delaware-Oslo cohort. OARSI. Liverpool, England. April 2018. Poster presentation
32. Master, H., Thoma, L., Christiansen, M., Stefanik, J., Mathews, D., & **White, DK**. (2018). Association of daily walking with the risk of total knee replacement over 5 years: an observational study. OARSI. Liverpool, England. April 2018. Poster presentation
33. Christiansen MB, Webster F, Christian J, Waugh E, Gakhal N, King L, Hawker G, **White DK**. "It probably doesn't always make it into the tip of the list, I'll be honest with you:" Primary care physician's experiences with prescribing exercise for knee osteoarthritis. OARSI. Liverpool, England. April 2018. Platform presentation
34. Christiansen MB, Thoma L, Master H, Schmitt LA, Mathews D, **White DK**. Preliminary findings of a novel physical therapist-administered physical activity intervention after total knee replacement. OARSI. Liverpool, England. April 2018. Poster presentation.
35. Master, H., Thoma, L., Christiansen, M., Mathews, D., **White, DK**. Active Yet Sedentary: The Association of Moderate to Vigorous Physical Activity and Sedentary Behavior with Incident Functional Limitation in Knee Osteoarthritis. *American Physical Therapy Association. Combined Sections Meeting*, New Orleans, LA, February 20-23, 2018, poster presentation.
36. Christiansen MB, Thoma L, Master H, Mathews D, **White DK**. Is a growing waistline

over 8 years associated with incident functional limitation and low health-related quality of life in knee osteoarthritis? *American Physical Therapy Association. Combined Sections Meeting*, New Orleans, LA, February, 2018.

37. Thoma LM, Master H, Christiansen MB, Mathews D, **White DK**. Can Vs. Do: Using walking speed and moderate-to-vigorous physical activity to predict incident low health-related quality of life and disability. *Combined Sections Meeting of the American Physical Therapy Association*. New Orleans, LA. February 2018. Poster presentation.
38. Thoma LM, Master H, Christiansen MB, Mathews D, **White DK**. Can Vs. Do: Using walking speed and moderate-to-vigorous physical activity to predict incident low health-related quality of life and disability. *American College of Rheumatology/Association of Rheumatology Health Professionals Annual Meeting*. San Diego, CA. November 2017. Platform presentation.
39. Mathews, D., Thoma, L., Master, H., Christiansen, M., **White, DK**. The Relation of Cumulative Load to Prevalent Cartilage Damage in the Knee. *American College of Rheumatology/Association of Rheumatology Health Professionals Annual Meeting*. San Diego, CA. November 2017. Platform presentation.
40. Master, H., Neogi, T., Thoma, L., Christiansen, M., Schmitt, L.A., **White, DK**. A clinically feasible assessment of physical function as a “stress test” to identify people with knee osteoarthritis who are unable to be physically active. *Osteoarthritis Research Society International World Congress*. Las Vegas, NV. April 2017. Poster presentation.
41. Christiansen, M., Thoma, L., Master, H., Schmitt, L.A., **White, DK**. Recovery of free-living daily walking within the first month after total knee arthroplasty: a primary study. *OARSI*. Las Vegas, NV. April 2017. Poster presentation.
42. Christiansen, M., Thoma, L., Cowley, R., Polakowski, E., Master, H., Schmitt, L.A., Rhon, D., **White, DK**. The association of physical activity with outpatient physical therapy utilization after total knee replacement. *Combined Sections Meeting*. San Antonio, TX. February 2017. Poster Presentation
43. Master, H., Thoma, L., Christiansen, M., Mathews, D., **White, DK**. Active Yet Sedentary: The Association of Moderate to Vigorous Physical Activity and Sedentary Behavior with Incident Functional Limitation in Knee Osteoarthritis. *Combined Sections Meeting*. San Antonio, TX. February 20-23, 2017, platform presentation.
44. Thoma, L., Master, H., Christiansen, M., Mathews, D., **White, DK**. Can vs Do: Using walking speed and moderate-to-vigorous physical activity to predict incident low health-related quality of life and disability. *Combined Sections Meeting*. San Antonio, TX., San Antonio, TX. February 20-23, 2017, platform presentation.
45. Master, H., Thoma, L., Christiansen, M., Polakowski, E., Schmitt, L., **White, DK**. Minimum Physical Function Needed to Walk 6000 Steps/Day in People with Knee Osteoarthritis. *American Physical Therapy Association. Combined Sections Meeting*,

San Antonio, TX, February 16, 2017, platform presentation

46. Master, H., Thoma, L., Yost, O., Christiansen, M., Green, R., Schmitt, L., **White, DK.** Relation Between Range of Motion and Physical Activity While Recovering after Total Knee Replacement. *American Physical Therapy Association. Combined Sections Meeting*, San Antonio, TX, February 16, 2017, poster presentation
47. Thoma, L., Tudor-Locke, C., Aguiar, E., Master, H., Christiansen, M., **White, DK.** Comparison of Objectively Measured Physical Activity Among People with Symptomatic Knee Osteoarthritis with the General US Population. *American Physical Therapy Association. Combined Sections Meeting*, San Antonio, TX, February 16, 2017, platform presentation
48. Christiansen MB, Thoma L, Master H, Mathews D, **White DK.** Is a growing waistline over 8 years associated with incident functional limitation and low health-related quality of life in knee osteoarthritis? *Association of Rheumatology Health Professionals. Annual Meeting*, San Diego, CA, November 2017.
49. Christiansen MB, Thoma L, Master H, Schmitt LA, **White DK.** Recovery of free-living daily walking within the first month after total knee arthroplasty: a primary study. *Osteoarthritis Research Society International. World Congress*, Las Vegas, NV, April 2017.
50. Thoma LM, LaValley MP, **White DK.** Midlife weight gain and the risk of knee osteoarthritis among people with knee injury: The Osteoarthritis Initiative. *OARSI*. Las Vegas, NV, April 2017. Poster presentation.
51. Thoma LM, Tudor-Locke C, Aguiar E, Master H, Christiansen MB, **White DK.** Comparison of objectively measured physical activity among people with symptomatic knee osteoarthritis with the general US population. *Combined Sections Meeting of the American Physical Therapy Association*. San Antonio, TX. February 2017. Podium presentation.
52. Christiansen MB, Thoma L, Cowley R, Polakowski E, Master H, Schmitt LA, Rhon D, **White DK.** The association of physical activity with outpatient physical therapy utilization after total knee replacement. *American Physical Therapy Association. Combined Sections Meeting*, San Antonio, TX, February, 2017.
53. Christiansen, M., Thoma, L., Master, H., Mathews, D., **White, DK.** Is a Growing Waistline over 8 years Associated with Incident Functional Limitation and Low Health-Related Quality of Life in Knee Osteoarthritis? *American College of Rheumatology/Association of Rheumatology Health Professionals Annual Meeting*, San Diego, CA. November, 2017, platform presentation.
54. **White, DK.**, et al. Protective effects of replacing sedentary time with light and moderate to vigorous physical activity on functional limitation in knee OA. *American Physical Therapy Association, Combined Section Meeting*, San Antonio, TX February 2017

55. Thoma LM, Tudor-Locke C, Aguiar E, Master H, Christiansen MB, **White DK.** Comparison of objectively measured physical activity among people with symptomatic knee osteoarthritis with the general US population. *American College of Rheumatology/Association of Rheumatology Health Professionals Annual Meeting.* Washington DC. November 2016. Poster presentation.
56. **White, DK.**, et al. Protective effects of replacing sedentary time with light and moderate to vigorous physical activity on functional limitation in knee OA *American College of Rheumatology. Annual Meeting, Washington, DC, November 2016*
57. Master, H., Thoma, L., Christiansen, M., Polakowski, E., Schmitt, L.A., **White, DK.** Minimum Physical Function Needed to Walk 6000 Steps/Day in People with Knee Osteoarthritis. *American College of Rheumatology/Association of Rheumatology Health Professionals Annual Meeting, Washington, DC. November 2016, platform presentation.*
58. **White, DK.**, Li, Z., Zhang, Y., Marmon, A., Master, H., Zeni, J., Niu, J., Lin, J, Is there room for improvement in physical function after TKR? A comparison of outcomes before and 6 months after TKR in China and the US. OARSI, Amsterdam, Netherlands April 1 – 3, 2016, poster presentation
59. **White, DK.**, et al Does Loss of a Community Walking Speed Lead to More Symptoms of Depression in Knee OA? A Trajectory Analysis from the Osteoarthritis Initiative. *American Physical Therapy Association, Combined Section Meeting, Anaheim, CA February 2016*
60. **White, DK.**, et al. Does Loss of a Community Walking Speed Lead to More Symptoms of Depression in Knee OA? A Trajectory Analysis from the Osteoarthritis Initiative *Association of Rheumatology Health Professionals. Annual Meeting, San Francisco, CA, November 2015*
61. **White, DK.**, et al. The association of steps/day with incident functional limitation in people with or at high risk of knee OA: The MOST Study. *American Physical Therapy Association, Combined Section Meeting, Indianapolis, IL February 2015*
62. **White, DK.**, et al. Can an intensive diet and exercise program prevent knee pain among overweight adults at high risk? *American Physical Therapy Association, Combined Section Meeting, Indianapolis, IL February 2015*
63. **White, DK.**, et al. Can an intensive diet and exercise program prevent knee pain among overweight adults at high risk? *Association of Rheumatology Health Professionals. Annual Meeting, Boston, MA, November 2014*
64. **White, DK.**, et al. Longitudinal Decline In Steps/Day In Older Adults With Or At High Risk Of Knee OA. *OARSI. Annual Conference, Paris, France, April 2014*

65. **White, DK.**, et al. Longitudinal change in steps/day in people with or at high risk of knee OA: The MOST Study. *American Physical Therapy Association, Combined Section Meeting*, Las Vegas, NV, February 2014
66. **White, DK.**, et al. Trajectories of Decline In Physical Function In Knee Osteoarthritis: Results From Two Cohort Studies *Association of Rheumatology Health Professionals. Annual Meeting*, San Diego, CA, October 2013
67. **White, DK.**, et al. Longitudinal Decline In Steps/Day In Older Adults With Or At High Risk Of Knee OA *Association of Rheumatology Health Professionals. Annual Meeting*, San Diego, CA, October 2013
68. **White, DK.**, et al. How many steps/day are associated with health with OA? *International Conference on Ambulatory Monitoring of Physical Activity and Movement*, Amherst, MA, June 2013
69. **White, DK.**, et al. How many steps/day are associated with a community level gait speed among older adults with or at high risk of knee OA? *American Physical Therapy Association, Combined Section Meeting*, San Diego, CA, January 2013
70. **White, DK.**, et al. Does unpredictable knee pain limit functional ability and walking frequency in knee OA? The MOST Study *Association of Rheumatology Health Professionals. Annual Meeting*, Washington, DC, November 2012
71. **White, DK.**, et al. How many steps/day are associated with a community level gait speed among older adults with or at high risk of knee OA? *Association of Rheumatology Health Professionals. Annual Meeting*, Washington, DC, November 2012
72. **White, DK.**, et al. Factors associated with achieving Physical Activity Guidelines among those who can meet them: The MOST Study *American College of Sports Medicine Annual Meeting San Francisco, CA*, May 2012
73. Fitzgerald, GK, **White, DK**, Piva, S, Associations Between Changes in Impairments and Treatment Response Following Exercise Therapy in People with Knee Osteoarthritis: An exploratory study. *Osteoarthritis Research Society International 2012 World Congress on Osteoarthritis*. Barcelona, Spain April 2012
74. **White, DK.**, et al. Factors associated with achieving Physical Activity Guidelines among those who can meet them: The MOST Study *American Physical Therapy Association, Combined Section Meeting*, Chicago, IL, February 2012
75. **White, DK.**, et al. Is 10,000 Steps Enough to Meet Physical Activity Guidelines? The MOST Study *Association of Rheumatology Health Professionals. Annual Meeting*, Chicago, IL, November 2011

76. **White, DK.**, et al. Is Knee Pain Relevant for Meeting Physical Activity Guidelines Among People with Knee OA Who Can Walk Already Walk At a Moderate Intensity? The MOST Study *Association of Rheumatology Health Professionals. Annual Meeting*, Chicago, IL, November 2011
77. **White, DK.**, et al. The Association of Symptomatic OA At Multiple Time Points with Functional Limitation Over 5 Years: The MOST Study *Association of Rheumatology Health Professionals. Annual Meeting*, Chicago, IL, November 2011
78. **White, DK.**, et al. Habitual walking for people with or at high risk of knee OA: The MOST Study *American Physical Therapy Association, Combined Section Meeting*, New Orleans, LA, February 2011
79. **White, DK.**, et al. Reasons for decline in walking despite improvements in knee pain: The MOST Study *American Physical Therapy Association, Combined Section Meeting*, New Orleans, LA, February 2011
80. **White, DK.**, et al. Reasons for decline in walking despite improvements in knee pain: The MOST Study *Association of Rheumatology Health Professionals. Annual Meeting*, Atlanta, GA, November 2010
81. **White, DK.**, et al. Habitual walking for people with or at high risk of knee OA: The MOST Study *Association of Rheumatology Health Professionals. Annual Meeting*, Atlanta, GA, November 2010
82. **White, DK.**, et al. Age, Sex, and Birth Cohort Effects on the Incidence of Adhesive Capsulitis *Association of Rheumatology Health Professionals. Annual Meeting*, Atlanta, GA, November 2010
83. **White, DK.**, Felson, D., Niu, J., Keysor, J., Lewis, C., Torner, J., Nevitt, M., Neogi, T. Does it matter if both knees hurt? The effect of bilateral knee pain on functional limitation: The MOST Study *American Physical Therapy Association, Combined Section Meeting*, San Diego, CA, February 2010
84. **White, DK.**, Felson, D., Niu, J., Keysor, J., Lewis, C., Torner, J., Nevitt, M., Neogi, T. Do worsening knee radiographs mean more chance of poor functional outcome?: The MOST study *Association of Rheumatology Health Professionals. Annual Meeting*, Philadelphia, PA, October 2009
85. **White, DK.**, Felson, DF, et al. Minimal Detectable Change in Functional Limitation and Disability Over 30 Months among Older Adults with Knee Pain: The MOST Study. *American Physical Therapy Association, Combined Section Meeting*, Las Vegas, NV, February 2009
86. **White, DK.**, Keysor, JJ, et al. Better that matters. Frequency and predictors of meaningful functional improvements: The MOST Study. *Association of Rheumatology Health Professionals. Annual Meeting*, San Francisco, CA, November 2008

87. Keysor, J, **White, D**, Prvu-Bettger, J. The Environment-Disablement Link: Interpretation of the Evidence in Terms of Clinical Implications. *Annual Conference & Exposition of the American Physical Therapy Association*. San Antonio, TX, 2008

INVITED SPEAKER AND PRESENTATIONS

1. **White, DK**. Improving knee OA pain and function with daily walking. CBER Spotlight Research Symposium, University of Delaware. May 2020.
2. **White, DK**. Improving Pain and Function with Daily Walking. OACS Online Conference, *Arthritis Foundation*. December 2020
3. **White, DK**. Incorporating Physical Activity into Physical Therapy Practice. Health Policy Association Workshop/Webinar, *American Physical Therapy Association*. November 2018
4. **White, DK**. Wearable Technology in Rehabilitation. Plenary Session. *American College of Rheumatology. Annual Meeting*, Chicago, IL, October 2018
5. **White, DK**. Promotion of physical activity after Total Knee Replacement. Thurston Arthritis Research Center. Grand Rounds. *UNC Chapel Hill 2018*. Chapel Hill, NC, July 2018
6. **White, DK**. Physical and Occupational Therapy for Rheumatologists. Workshop. *U Penn Rheumatology First Years Fellows Conference 2018*. Philadelphia, PA, June 2018
7. **White, DK**. and Studenski, S. Mobility Disability and Physical Activity *American College of Rheumatology*. Plenary Session. *Annual Meeting*, San Diego, CA, October 2017
8. **White, DK**. Physical activity prescription for PT. Workshop. *American Physical Therapy Association, Combined Section Meeting*, San Antonio, TX February 2017
9. **White, DK**. Physical Activity and Function in Knee OA. Workshop. *Peking University Osteoarthritis International Forum*. Huizhou, China, September 2015
10. **White, DK**. Physical activity in knee OA. *OARSI*. Plenary Session. *Annual Conference*, Seattle, WA, April 2015
11. **White, DK**. The Dynamics of Human Gait in Everyday life. Plenary Session. *American Congress of Rehabilitation Medicine Annual Meeting*, Orlando, FL, November 2013
12. **White, DK**. Public health burden, epidemiology, and the importance of OA as a health issue. Plenary Session. *American Public Health Association Annual Meeting*, Boston, MA, November 2013

13. LaValley, ML and **White, DK.**, et al. Knowledge is power, but sample size matters more. Plenary Session. *American College of Rheumatology. Annual Meeting*, San Diego, CA, October 2013
14. Keysor, J, Gross, D, **White, DK.** National Osteoarthritis Datasets: Opportunities for Physical Therapists. Plenary Session. *American Physical Therapy Association, Combined Section Meeting*, Chicago, IL, February 2012
15. LaValley, M and **White, DK.** To P or Not to P? Knowing When the P-Value is Less than Useful: *Time to Beat Up the P-value*. Plenary Session. *Association of Rheumatology Health Professionals. Annual Meeting*, Chicago, IL, November 2011

PROFESSIONAL SERVICE

American Physical Therapy Association:

2015-2021	Academy of Orthopaedic Physical Therapy, Research Committee Chair
2013-2015	Orthopedic Section, Research Committee Vice Chair
2011-2012	Orthopedic Section, Research Committee Member
2007-2010	Section on Research, Finance Committee Member
2007-2010	Neurology Section, SIG Nominating Committee
2006-2007	American Board of PT Specialties: Scientific Advisory Board

American College of Rheumatology/Association of Rheumatology Professionals:

2018-2021	Rheumatology Research Foundation Board of Directors
2018-2019	Voting Member of ACR RA Guidelines Development Team
2017-2018	Voting Member of ACR OA Guidelines Development Team
2014-2017	Early Career Investigator Subcommittee
2013	Rheumatology Research Foundation Core Portfolio Review Panel
2007-present	Association of Rheumatology Professionals Member

Osteoarthritis Research International:

2019-present	Rehabilitation Discussion Group Steering Committee
2017-2019	World Health Congress Abstract Reviewer
2017-2021	Finance Committee Member

Editorial Board Memberships:

2016-present	Arthritis Care & Research: Associate Editor
2016	Archives of Physical Medicine and Rehab: Guest Editor
2016-present	Journal of Orthopaedic & Sports Physical Therapy: IERB
2014-2016	Arthritis Care & Research: Editorial Board

Ad hoc reviewer:

2009-present	Osteoarthritis and Cartilage
2010-present	Journal of the American Geriatrics Society
2012-present	American Journal of Preventive Medicine
2012-present	Arthritis and Rheumatology
2012-present	Archives of Physical Medicine and Rehabilitation
2012-present	Journals of Gerontology: Medical Sciences
2013-present	Seminars in Arthritis and Rheumatism
2013-present	Rheumatology
2013-present	Physical Therapy
2013-present	Medicine and Science in Sport and Exercise
2014-present	PLOS ONE
2016-present	Annals of Internal Medicine

Grant reviewer:

2019-present	NIH-NIAMS: AMS-C Ad Hoc Study Section Review Panel Member
2018-present	AIBS: Paralyzed Veterans of America Panel Member
2017-present	DoD/CDMRP Peer Reviewed Research Program Panel Member
2012-2019	Arthritis Research UK
2012-2016	Rheumatology Research Foundation
2013-2014	Dutch Arthritis Association (Rheumafonds)