

Curriculum Vitae
Kerri Sharp Rawson, PhD, MS
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Contact Information

Office: Program in Physical Therapy
Washington University School of Medicine
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Present Position

2021-present Assistant Professor, Program in Physical Therapy and Neurology
Washington University School of Medicine, St. Louis, MO

Education

Undergraduate

2004 BA Psychology, University of Texas at Austin, Austin, TX

Graduate

2009 MS Aging and Neuroscience, University of South Florida, Tampa, FL

2012 PhD Aging Studies, University of South Florida, Tampa, FL
“Influence of Stress and Cytokinic Profiles on Cognitive Performance in Older Adults” (2012) Graduate Theses and Dissertations.

<https://scholarcommons.usf.edu/etd/421>

Advisor: Brent J. Small

Postgraduate

2012-2015 Post-doctoral Research Scholar, T32 NIH Training in the Genetics and Molecular Biology of Mental Disorders: Genetic Epidemiology, Department of Psychiatry
Washington University School of Medicine, St. Louis, MO



Academic Positions / Employment

- 2015-2016 Research Scientist, Department of Psychiatry
Washington University School of Medicine, St. Louis, MO
- 2017-2019 Staff Scientist, Program in Physical Therapy
Washington University School of Medicine, St. Louis, MO
- 2019-2021 Senior Scientist, Program in Physical Therapy
Washington University School of Medicine, St. Louis, MO

Teaching Title and Responsibilities

- 2010-2011 Instructor, Physical Changes of Aging, Aging Studies
University of South Florida
- 2011 Instructor, Psychology of Aging, Aging Studies
University of South Florida
- 2017-present Guest Lecturer, Neuroscience, Program in Physical Therapy
Washington University School of Medicine, St. Louis, MO

Honors and Awards

- 2006-2008 University Graduate Fellowship, University of South Florida
- 2008-2011 H. Robert and Mildred Greely Fellow in Aging Studies
- 2019-2021 Loan Repayment Award, National Institute of Child Health and Human
Development

Editorial Responsibilities

Reviewer: American Journal of Alzheimer's Disease and Other Dementias, Archives of Gerontology and Geriatrics, Archives of Physical Medicine and Rehabilitation, Bone, Brain Sciences, Cerebellum, Cogent Psychology, Disability and Rehabilitation: Assistive Technology, Gait & Posture, Journal of Aging and Physical Activity, Journal of Alzheimer's Disease, Journal of Geriatric Psychiatry & Neurology, PLOS ONE, Physiotherapy Theory and Practice, Scientific Reports

Abstract Reviewer: Gerontology Society of America

Grant Reviewer: Parkinson's UK

Community Service Contributions

Committees and Activities

- 2006-2012 Member, Student Association of Aging Studies, University of South Florida
- 2007-2012 Member, International Health Service Association, University of South Florida
- 2011-2012 Vice President, Academy of Health, University of South Florida
- 2012-2015 Member, Washington University in St. Louis Postdoc Society
- 2013-2016 Associate, Washington University CIRTL Program for Future Faculty in STEM

2014-2020 Member, Aging in Place Neighborhood Committee, Skinker-DeBaliviere, St. Louis, MO
2015-2016 Judge, Academy of Science, St. Louis, MO
2017-present Member/Co-Leader, Navigators USA, Chapter 33 St. Louis, MO
2017-present Member, Institute of Clinical and Translational Sciences, Washington University School of Medicine
2018-present Member, Research Advisory Council, Program in Physical Therapy, Washington University School of Medicine
2021-present Member, Movement Disorders Clinic Community Outreach Work Group, Department of Neurology, Washington University School of Medicine
2022-present Member, Mindfulness Science & Practice, Incubator for Transdisciplinary Futures, All Things Mindfulness at Washington University in St. Louis
2023-present Proposal Reviewer, Mindfulness Review Committee, Mindfulness at Washington University in St. Louis

Professional Societies and Organizations

2003-2004 Member, American Psychological Association
2006-present Member, Gerontological Society of America
2008-2012 Member, Society for Neuroscience
2017-present Member, Movement Disorder Society

Research

Governmental (Current)

Co-Investigator, R33 AT010753, Using Self-Generated Rhythmic Cues to Enhance Gait in Parkinson's, 2023-2026 (PI: Earhart GM)

Co-Principal Investigator, R34 AT011015-01A1, Moving Mindfully: A MBSR-Centered Approach to Freezing in Parkinson disease, 2021-2024, \$720,433 (Co-PI: Earhart GM)

Co-Investigator, R01 NS075321, Investigations of Dementia in Parkinson disease, 2011-2026, \$8,221,520 (PI: Perlmutter J)

Co-Investigator, R01, Precision-Mapping RSFC in Parkinson Disease, 2023-2028, \$3,000,000 (PI: Campbell M)

Governmental (Past)

Co-Investigator, R01 HD092444, Walking and mHealth to Improve Participation in Parkinson disease, WHIP-PD, 2018-2024, \$3,545,000 (PIs: Ellis T, Earhart GM)

Co-Investigator, R61 AT010753, Using Self-Generated Rhythmic Cues to Enhance Gait in Parkinson's, 2019-2023, \$952,959 (PI: Earhart GM)

Co-Investigator, R61 AT010753-S1, Using Self-Generated Rhythmic Cues to Enhance Gait in Parkinson's Dementia Supplement, 2020-2023, \$173,263 (PI: Earhart GM)

Co-Investigator, UL1TR000448, Pharmacogenetics to Improve Antidepressant Safety, Institute of Clinical and Translational Sciences Pilot Award from the National Center for Advancing Translational Sciences (NCATS) of the National Institutes of Health, Washington University School of Medicine, 2015-2016 (PI: Lenze E)

Co-Investigator, R01 NS077959-01A1, Exercise and Parkinson's: Comparing Interventions and Exploring Neural Mechanisms, 2012-2018, \$1,900,000 (PI: Earhart GM)

Non-governmental (Current)

Co-Investigator, Graceful Gait: Community-Based Ballet to Improve Walking and Balance among Older Woman. National Endowment for the Arts. 2021-2023, \$85,000 (PIs: Earhart GM and Harrison EC)

Non-governmental (Past)

Co-Investigator, Self-management of Gait, Speech, and Dexterity in Parkinson disease: Is there an App for that? Neurology/Health South Central Nervous System, 2016-2018, \$90,000 (PI: Earhart GM)

Co-Investigator, Modeling and Tracking of Freezing of Gait in Parkinson Disease, Institute of Clinical and Translational Sciences Pilot Award Barnes Jewish Hospital Foundation, 2018-2019, \$50,000 (PI: Nehorai A)

Trainee Advisement

Post-Graduate

- Sidney Baudendistal, 2021-present, Support with projects including training, data management, and statistical analyses

Graduate - PhD

- Peter Myers 2017-2018, Support with statistical analyses, Current: Postdoctoral Fellow, Department of Neurology, Washington University School of Medicine
- Elinor Harrison 2017-2018, Support with statistical analyses, Current: Postdoctoral Fellow, Department of Neurology, Washington University School of Medicine
- Adam Horin 2017-2020, Support with graduate projects and statistical analyses, Current: Postdoctoral Fellow, Shirley Ryan Ability Lab
- David May 2018-2022, Support with graduate projects and statistical analyses
- Lauren Tueth, 2020-present, Support with graduate projects and statistical analyses
- Allison Haussler, 2021-present, Support with graduate projects and statistical analyses

Graduate – DPT

- Mollie Hammer 2017, Work Study, DPT '20 Student at Program in Physical Therapy, Washington University in St. Louis
- Matt Plantinga 2017-2018, Work Study, DPT '20 Student at Program in Physical Therapy, Washington University in St. Louis
- Hannah Acton 2017-2019, Research Assistant, DPT '19 Student at Program in Physical Therapy, Washington University in St. Louis, Current: Physical Therapist, Program in Physical Therapy, Washington University School of Medicine
- Kevin Howard 2018, Work Study, DPT '20 Student at Program in Physical Therapy, Washington University in St. Louis
- Lauren Tueth 2018-2020, Work Study, DPT '20 Student at Program in Physical Therapy, Washington University in St. Louis, Current: Movement Science PhD Student, Program in Physical Therapy, Washington University School of Medicine
- Reilly Sieptka 2019-2022, Research Assistant, DPT '22 Student at Program in Physical Therapy, Washington University in St. Louis
- Olivia Nicholls 2019-2022, Work Study, DPT '22 Student at Program in Physical Therapy, Washington University in St. Louis
- Kirsten Hizer 2021-2022, Research Assistant, DPT '24 Student at Program in Physical Therapy, Washington University in St. Louis
- Bari Schunicht 2021-2022, Work Study, DPT '24 Student at Program in Physical Therapy, Washington University in St. Louis
- Tina Chang, 2022-present, Research Assistant, DPT '25 Student at Program in Physical Therapy, Washington University in St. Louis
- Luqi Zhao, 2022-2023, Research Assistant, DPT '25 Student at Program in Physical Therapy, Washington University in St. Louis
- Jordan Brielmaier, 2023-present, Work Study, DPT '26 Student at Program in Physical Therapy, Washington University in St. Louis

Undergraduate

- Sarah Eisel 2010-2012, Research Assistant, Gerontology Major at University of South Florida, Current: Research Data Analyst, Moffitt Cancer Center, PhD Aging Studies Graduate, 2018
- Christina Martin 2010-2012, Research Assistant, Gerontology Major at University of South Florida
- Pooja Belur 2017-2019, Undergraduate Honors Student, Psychological and Brain Sciences Major at Washington University in St. Louis
- Diana Hsiao 2017-2019, Undergraduate Honors Student, Biology Major at Washington University in St. Louis

- Caleb Longley 2018, ASPIRE Student Intern, Exercise Science Major at Truman State University
- Olivia Fehrmann 2018, Center for Aging Summer Research Experience, Biology Major at Washington University in St. Louis
- Zainab Ali 2019, Center for Aging Summer Research Experience, Public Health Major at Saint Louis University, Current: Occupational Therapy Student, Program in Occupational Therapy, Washington University School of Medicine
- Tishiya Carey 2019, ASPIRE Student Intern, Global Cultural Studies, Washington University in St. Louis
- Kalysta Lee 2020, Biology Major at Washington University in St. Louis
- Raina Foreman 2021-2023, Cognitive Neuroscience Major at Washington University in St. Louis, Current: Physical Therapy Student, Northwestern University
- Rhea Wagh, 2024-present, Neuroscience Undergraduate Student, Washington University in St. Louis
- Mar Agelet, 2024, ASPIRE Student Intern, Biochemistry and Molecular Major at Truman State University
- Leah Noble, 2024, Center for Aging Summer Research Experience, Public Health Major at Lindenwood University

Bibliography

Original, peer-reviewed articles in referred journals

1. Small BJ, **Rawson KS**, Walsh E, Jim H, Hughes TF, Iser L, Andrykowski MA, Jacobsen PB. Catechol-O-Methyltransferase (COMT) genotype modulates cancer treatment-related cognitive deficits in breast cancer survivors. *Cancer* 2011;117(7):1369-1376.
2. Rosnick CB, **Rawson KS**, Butters MA, Mantella RC, Lenze EJ. Association of cortisol with neuropsychological assessment in older adults with generalized anxiety disorder. *Aging and Mental Health* 2013;17(4):432-440.
3. Small BJ, **Rawson KS**, Martin CM, Eisel S, Sanberg CD, Sanberg PR, Shytle RD, Tan J, Bickford PC. Nutraceutical intervention improves older adults' cognitive functioning. *Rejuvenation Research* 2014;17(1):27-32.
4. ***Rawson KS**, Dixon D, Nowotny P, Ricci WM, Binder EF, Rodebaugh TL, Wendleton L, Doré P, Lenze EJ. Association of brain-derived neurotrophic factor and serotonin-related polymorphisms with depressive symptoms after hip fracture in late-life. *PLOS ONE* 2015;10(3):e0120685.
5. *Cristancho P, Lenze EJ, Avidan MS, **Rawson KS**. Trajectories of depressive symptoms after hip fracture. *Psychological Medicine* 2016;46(7):1413-1425.
6. Bower ES, Wetherell JL, Petkus AJ, **Rawson KS**, Lenze EJ. Fear of falling after hip fracture: Prevalence, course, and relationship with one-year functional recovery. *American Journal of Geriatric Psychiatry* 2017;24(12):1228-1236.

7. *Kornfield S, Lenze EJ, **Rawson, KS**. Predictors of posttraumatic stress symptoms and association with fear of falling after hip fracture. *Journal of the American Geriatrics Society* 2017;65(6):1251-1257.
8. ***Rawson KS**, Dixon D, Civitelli R, Peterson BH, Reynolds CF, Lenze EJ. Increased bone turnover with venlafaxine treatment in older depressed patients. *Journal of the American Geriatrics Society* 2017;65(9):2057-2063.
9. Iaboni A, **Rawson KS**, Burkett C, Lenze EJ, Flint AJ. Potentially inappropriate medications decrease the probability of full functional recovery after hip fracture. *Drugs & Aging* 2017;34(9):723-728.
10. ***Rawson KS**, Creel P, Templin L, Horin AP, Duncan RP, Earhart GE. Freezing of gait boot camp: Feasibility, safety, and preliminary efficacy of a community based-group intervention. *Neurodegenerative Disease Management* 2018;8(5):307-314.
11. ***Rawson KS**, McNeely ME, Duncan RP, Pickett KA, Perlmutter JS, Earhart GM. Exercise and Parkinson disease: Comparing tango, treadmill, and stretching. *Journal of Neurological Physical Therapy* 2019;43(1):26-32.
12. Horin AP, McNeely ME, Harrison EC, Myers PS, Sutter EN, **Rawson KS**, Earhart GM. Usability of daily mHealth application designed to address mobility, speech, and dexterity in Parkinson disease. *Neurodegenerative Disease Management* 2019;9(2):97-105.
13. Harrison EC, Horin AP, Myers PS, **Rawson KS**, Earhart GM. Changes in Parkinsonian gait kinematics with self-generated and externally-generated cues: A comparison of responders and non-responders. *Somatosensory & Motor Research* 2020;37(1):37-44.
14. Myers PS, Harrison EC, **Rawson KS**, Horin AP, Sutter EN, McNeely ME, Earhart GM. Yoga improves balance and low back pain, but not anxiety, in people with Parkinson disease. *International Journal of Yoga Therapy* 2020;30(1):41-48.
15. *Belur P, Hsiao D, Myers PS, Earhart GM, **Rawson KS**. Dual-task costs of texting while walking forward and backward greater for older adults than younger adults. *Human Movement Science* 2020:102619.
16. Myers PS, **Rawson KS**, Harrison EC, Horin AP, Sutter EN, McNeely ME, Earhart GM. Cross-sectional analysis of backward, forward, and dual-task gait kinematics in people with Parkinson disease with and without freezing of gait. *Journal of Applied Biomechanics* 2020;36(2):85-95.
17. *Hsiao D, Belur P, Myers PS, Earhart GM, **Rawson KS**. The impact of age, surface difficulty, and dual-tasking on postural sway. *Archives of Gerontology and Geriatrics* 2020;87:103973.
18. Horin AP, Harrison, EC, **Rawson KS**, Earhart GM. People with Parkinson disease with and without freezing of gait respond similarly to external and self-generated cues. *Gait & Posture* 2020;82:161-166.
19. ***Rawson KS**, Cavanaugh JT, Colon-Semenza C, DeAngelis T, Duncan RP, Fulford D, LaValley MP, Mazzone P, Nordahl T, Quintiliani LM, Saint-Hilaire M, Thomas CA, Earhart GM, Ellis TD. Design of the WHIP-PD study: A phase II, twelve-month, dual-site, randomized controlled trial evaluating the effects of a cognitive-behavioral approach for promoting enhanced

- walking activity using mobile health technology in people with Parkinson disease. *BMC Neurology* 2020:20:146.
20. May DS, van Dillen LR, Earhart GM, **Rawson KS**, Perlmutter JS, Duncan RP. Effects of subthalamic nucleus deep brain stimulation and levodopa on balance in people with Parkinson disease: A cross sectional study. *Brain Science* 2020:30(10):6930.
 21. Horin AP, Harrison EC, **Rawson KS**, Earhart GM. Finger tapping as a proxy for gait: Similar effects on movement variability during external and self-generated cueing in people with Parkinson's disease and health older adults. *Annals of Physical and Rehabilitation Medicine* 2021:64(4):101402.
 22. Zajac JA, Cavanaugh JT, Baker T, Colon-Semenza C, DeAngelis TR, Duncan RP, Fulford D, LaValley M, Nordahl T, **Rawson KS**, Saint-Hilaire M, Earhart GM, Ellis TD. Are mobile persons with Parkinson disease necessarily more active? *Journal of Neurologic Physical Therapy* 2021:45(4): 259-265.
 23. Maiti B, **Rawson KS**, Tanenbaum BA, Koller JM, Snyder AZ, Campbell MC, Earhart GM, Perlmutter JS. Functional connectivity of vermis correlates with future gait impairments in Parkinson disease. 2021:36(11):2559-2568.
 24. May DS, **Rawson KS**, Moeller DR, Tueth LE, Earhart GM. Pilot trial of a mouthpiece as treatment for signs and symptoms of Parkinson disease. *Somatosensory & Motor Research* 2021:38(3):223-229.
 25. *Tueth LE, Earhart GM, **Rawson KS**. Association between falls in Alzheimer disease and scores on the Balance Evaluations Systems Test (BESTest) and MiniBESTest. *Somatosensory & Motor Research* 2021:38(3):248-252.
 26. Zajac JA, Cavanaugh JT, Baker TC, Duncan RP, Fulford D, Giris JL, LaValley MP, Nordahl T, Porciuncula F, **Rawson KS**, Saint-Hilaire M, Thomas CA, Earhart GM, Ellis TD. Does clinically measured walking capacity contribute to real-world walking performance in Parkinson's disease? *Parkinsonism & Related Disorders* 2022:105:123-127.
 27. Patterson, C.G., et al. and **SPARX 3 Study Group**. Study in Parkinson's disease of exercise phase 3 (SPARX3): Study protocol for a randomized controlled trial. *Trials*, 23(1):855.
 28. Giris JL, Cavanaugh JT, Baker TC, Duncan RP, Fulford D, LaValley MP, Lawrence M, Nordahl T, Porciuncula F, **Rawson KS**, Saint-Hilaire M, Thomas CA, Zajac JA, Earhart GM, Ellis TD. Natural walking intensity in persons with Parkinson Disease. *Journal of Neurologic Physical Therapy* 2023: 05 Apr.
 29. Baudendistel ST, Haussler AM, **Rawson KS**, Earhart GM. Minimal clinically important differences of spatiotemporal gait variables in Parkinson's disease. *Gait & Posture* 2024:108:257-263.
 30. Tueth LE, Haussler AM, Lohse KR, **Rawson KS**, Earhart GM, Harrison EC. Effect of musical cues on gait in individuals with Parkinson disease with comorbid dementia. *Gait & Posture* 2024:107:275-280.
 31. Paul S, Porciuncula F, Cavanaugh J, **Rawson KS**, Nordahl TJ, Baker TC, Duncan RP, Earhart GM, Ellis T. Direct and mediated effects of physical activity and community access among

people with mild to moderate Parkinson's disease: A causal mediation analysis. *Movement Disorders Clinical Practice* 2024 [submitted].

32. Harrison EC, Tueth LE, Haussler AM, Rawson KS, Earhart GM. Personalized auditory rhythmic cues to optimize gait in older adults and people with Parkinson disease. *Journal of Neurologic Physical Therapy* 2024 [submitted].
33. Baudendistal S, Rawson KS, Lessov-Schlaggar CN, Maiti B, Kotzbauer, PT, Perlmutter JS, Earhart, GM, Campbell, MC. Differential gait features across Parkinson disease clinical subtypes. *Gait & Posture* 2024 [submitted].

Books/Chapters

1. Small BJ, **Rawson KS**, Eisel S, McEvoy C. Memory and Aging. Eds: Whitbourne SK and Sliwinski M. *Handbook of adulthood and aging*. Wiley-Blackwell. New York:2020:174-189.

Abstracts

1. Small BJ, Jacobsen PB, Andrykowski MA, Hughes TF, **Rawson KS**, & Iser L. Genetic variation and cognitive performance in breast cancer survivors and non-cancer controls. Paper presented at the 2007 National Cancer Institute Small Grants Meeting, Rockville, MD.
2. **Rawson KS**, Small BJ. Accuracy and predictive power of metamemory in relation to cognitive decline. Poster presented at the 2007 Gerontological Society of America, San Francisco, CA.
3. **Rawson KS**, Small BJ, Potter H, Duara R. Depressive symptoms predict the transition from normal aging to mild cognitive impairment. Poster presented at the 2008 Gerontological Society of America Conference, Washington, DC.
4. Small BJ, **Rawson KS**, Hughes T, Iser L, Jim H, Andrykowski MA, Jacobsen PB. Catechol-O-Methyltransferase genotype modulates cancer-related cognitive deficits. Paper presented in symposium at the 2009 Gerontological Society of America Conference, Atlanta, GA.
5. Small BJ, **Rawson KS**, Jim HS, Andrykowski MA, Jacobsen PB. Impact of Catechol-O-Methyltransferase genotype on cancer-related cognitive deficits. Paper presented at the 2010 International Cognition and Cancer Taskforce Meeting, New York, NY.
6. **Rawson KS**, Small BJ, Hughes TF, Iser L, Jim H, Andrykowski MA, Jacobsen PB. Impact of Catechol-O-Methyltransferase (COMT) genotype on cancer treatment-related cognitive deficits. Poster presented at the 2010 Neuroscience Research Symposium, Tampa General Hospital, Tampa, FL.
7. Rosnick CB, Lenze EJ, **Rawson KS**. Geriatric generalized anxiety disorder and cognitive performance: the moderating role of cortisol. Paper presented at the 2010 Cognitive Aging Conference, Atlanta, GA.
8. **Rawson KS**, Small BJ, Cao C, Lin X, Raj A, Potter H, Duara R. Discrimination of patient groups by markers of peripheral inflammation and relation to cognitive performance. Poster presented at the 2010 Gerontological Society of America conference, New Orleans, LA.

9. Handing E, **Rawson KS**, Kumar NB, Bickford PC, McEvoy CL, Small BJ. Role of macro and micronutrients on cognitive functioning among older adults. Paper presented at the 2012 Gerontological Society of America Conference, San Diego, CA.
10. **Rawson KS**, Dixon DJ, Nowotny P, Binder EF, Wendleton LW, Doré P, Lenze EJ. An interaction between polymorphisms in brain-derived neurotrophic factor and serotonin transporter genes predicts depressive symptoms in older adults after hip fracture. Poster presented at the 2013 Department of Psychiatry Fourth Annual Postdoctoral and Predoctoral Fellows Poster Symposium and Networking Event, Washington University School of Medicine, St. Louis, MO.
11. Balduzzi MC, Updegraff A, **Rawson KS**, Taylor B, King MJ, Lockey RF. Impulse oscillometry (IOS) is easier than spirometry for older asthmatic and non-asthmatic subjects. Poster presented at the 2012 American Academy of Allergy, Asthma, and Immunology Annual Meeting, San Diego, CA.
12. **Rawson KS**, Cristancho P, Wendleton L, Doré P, Lenze EJ. Investigating pre-fracture characteristics and post-fracture outcomes in relation to a group-based trajectory model of depressive symptoms following a medical stressor. Poster presented at the 2015 11th Annual Washington University Postdoc Scientific Symposium, St. Louis, MO.
13. Iabonia A, Lenze EJ, Burkett C, **Rawson KS**. Effect of inappropriate use of medications on cognitive and functional recovery in older adults after hip fracture. Poster presented at the 2016 American Association for Geriatric Psychiatry Annual Meeting, Washington, D.C.
14. Creel PH, Templin L, Duncan RP, McNeely ME, Horin AP, **Rawson KS**, Earhart GM. A novel framework for addressing freezing of gait in Parkinson disease. Poster presented at the 2018 American Physical Therapy Association Combined Sections Meeting, Washington, DC.
15. Hsiao D, Belur P, Myers PS, Earhart GM, **Rawson KS**. The impact of age, surface difficulty, and task on postural sway. Poster presented at 2019 Undergraduate Research Symposium, Washington University in St. Louis, MO.
16. Belur P, Hsiao D, Myers PS, Earhart GM, **Rawson KS**. Effects of age and dual-tasking while walking forwards and backwards on gait parameters. Poster presented at the 2019 Psychology Honors Research Symposium, Washington University in St. Louis, MO.
17. Horin AP, Harrison EC, **Rawson KS**, Earhart GM. Auditory cueing of gait in Parkinson disease: Responses to different cues in people with and without freezing of gait. Poster presented at the 2019 144th Annual Meeting of the American Neurological Association, St. Louis, MO.
18. Harrison EC, Horin AP, McNeely ME, Myers PS, **Rawson KS**, Sutter EN, Earhart GM. Self-generated auditory cues enhance gait kinematics for people with Parkinson disease. Poster presented at the 2019 Movement: Brain, Body, Cognition Annual Conference, Tel Aviv, Israel.
19. Horin AP, Harrison EC, **Rawson KS**, Earhart GM. The effects of music and mental singing on gait and finger tapping variability in healthy adults and people with Parkinson disease. Poster presented at the 2019 Biennial Meeting of the Society for Music Perception and Cognition, New York, NY.

20. Harrison EC, Horin AP, McNeely ME, Myers PS, **Rawson KS**, Sutter EN, Earhart GM. Differential effects of internal and external cues on gait kinematics in Parkinson disease. Poster presented at the 2019 Biennial Meeting of the Society for Music Perception and Cognition, New York, NY.
21. Ali Z, **Rawson KS**, Earhart GM. Determining barriers and feasibility of telehealth interventions that promote an active lifestyle among people living with Parkinson disease. Poster presented at the 2019 Aging Summer Research Program hosted by the Harvey A. Friedman Center for Aging, Washington University in St. Louis, MO.
22. Horin AP, Harrison EC, **Rawson KS**, Earhart GM. Differences in response to auditory cues across movement types in people with PD with and without freezing of gait. Poster presented at the 2019 Society for Neuroscience, Chicago, IL.
23. **Rawson KS**, Duncan RP, DeAngelis T, Nordahl T, Earhart GM, Ellis TE. People living with Parkinson disease with and without freezing: Differences using the Neuro-QOL measurement system. Poster presented at the 2019 Gerontological Society of America, Austin, TX.
24. Cavanaugh JT, Colon-Semenza C, DeAngelis T, Duncan RP, Fulford D, Hessler M, Nordahl T, **Rawson KS**, Earhart GM, Ellis T. How well do clinical walking measures predict natural walking behavior in Parkinson disease? Poster presented at the 2020 APTA Combined Sections Meeting, Denver, CO.
25. Christoforou A, Archer SA, Cavanaugh JT, Colon-Semenza C, DeAngelis TR, Duncan RP, Fulford D, LaValley M, Nordahl T, Quintiliani L, **Rawson KS**, Saint-Hilaire M, Thomas CA, Zajac JA, Earhart GM, Ellis TD. Walking self-efficacy related to real-world ambulatory activity in community-dwelling older adults with Parkinson disease? APTA Combined Sections Meeting. February, 2020. Denver, CO.
26. Duncan RP, **Rawson KS**, Earhart GM, Van Dillen LR, Perlmutter JS. Physical therapy and deep brain stimulation in Parkinson disease: a pilot randomized controlled trial. Poster presented at the 2020 International Parkinson & Movement Disorder Society, Virtual Meeting.
27. May DS, **Rawson KS**, Moeller DR, Tueth LE, Duncan RP, Harrison EC, Horin AP, Myers PS, Earhart GM. Examining the effects of a dental mouthpiece on parkinsonian motor signs and symptoms. Poster presented at the 2020 International Parkinson & Movement Disorder Society, Virtual Meeting.
28. Girnis J, Ko C, Cavanaugh JT, Colón-Semenza C, DeAngelis T, Duncan RP, Hessler M, Holmes MB, Nordahl T, **Rawson KS**, Shumate S, Earhart GM, Ellis TD. Is fatigue associated with physical activity in people with Parkinson disease? Poster presented at the 2021 APTA Combined Sections Meeting, Virtual Meeting.
29. Zajac JA, Cavanaugh JT, Colón-Semenza C, DeAngelis T, Duncan RP, Hessler M, Nordahl T, **Rawson KS**, Shumate S, Earhart GM, Ellis TD. Life-space as an indicator of active mobility in persons with Parkinson disease. Poster presented at the 2021 APTA Combined Sections Meeting, Virtual Meeting.

30. May DS, Van Dillen LR, Earhart GM, **Rawson KS**, Perlmutter JS, Duncan RP. Effects of STN-DBS and levodopa on balance in people with Parkinson disease. Poster presented at the 2021 APTA Combined Sections Meeting, Virtual Meeting.
31. Maiti B, **Rawson KS**, Tanenbaum AB, Koller JM, Snyder AZ, Campbell MC, Earhart GM, Perlmutter JS. Gait correlates of resting-state functional connectivity of cerebellar vermis in Parkinson disease. Poster presented at the 2021 American Academy of Neurology, Virtual Meeting.
32. **Rawson KS**, Tueth LE, Baker T, Cavanaugh JT, Colon-Semenza C, DeAngelis TR, Duncan RP, Fulford D, LaValley M, Nordahl TJ, Saint-Hillaire M, Thomas CA, Zajac JA, Ellis TE, Earhart GM. Is cognitive performance related to motor performance among people with Parkinson disease? Poster presented at 2021 Movement Disorders Society Virtual Congress.
33. Duncan RP, Baker T, Cavanaugh JT, Colon-Semenza C, DeAngelis TR, Fulford D, LaValley M, Nordahl TJ, **Rawson KS**, Saint-Hillaire M, Thomas CA, Zajac JA, Ellis TE, Earhart GM. Relationship between low back pain-related disability and motor performance in people with Parkinson disease. Poster presented at 2021 Movement Disorders Society Virtual Congress.
34. Zajac JA, Baker T, Cavanaugh JT, Colon-Semenza C, DeAngelis TR, Duncan RP, Fulford D, LaValley M, Nordahl TJ, **Rawson KS**, Saint-Hillaire M, Thomas CA, Zajac JA, Ellis TE, Earhart GM. Are mobile persons with Parkinson disease necessarily more active? Poster presented at 2021 Movement Disorders Society Virtual Congress.
35. Koch K, Sweeney N, Cavanaugh JT, DeAngelis TR, Duncan RP, Giris J, Hessler M, Holmes, MB, Nordahl T, **Rawson KS**, Zajac J, Earhart GM, Ellis TD. Does ZIP code influence daily steps in individuals with Parkinson disease? Poster presented at 2022 APTA Combined Sections Meeting.
36. Giris J, Cavanaugh JT, DeAngelis TR, Duncan RP, Hessler M, Lawrence MA, Nordahl T, **Rawson KS**, Zajac J, Earhart GM, Ellis TD. Steps don't tell the whole story: Intensity matters in examining walking behavior in Parkinson disease. Poster presented at 2022 APTA Combined Sections Meeting.
37. Zajac JA, Cavanaugh JT, Baker T, Duncan RP, Fulford D, Giris J, LaValley M, Nordahl T, Porciuncula F, **Rawson KS**, Saint-Hillaire M, Thomas CA, Earhart GM, Ellis, TD. Does walking capacity predict walking performance in people with Parkinson disease? Poster presented at 2022 International Society for Posture & Gait Research.
38. Giris J, Cavanaugh JT, Baker T, Duncan RP, Fulford D, LaValley M, Lawrence MA, Nordahl T, Porciuncula, F, **Rawson KS**, Saint-Hillaire M, Thomas CA, Zajac JA, Earhart GM, Ellis TD. Beyond step counts: Low intensities of real-world walking prevail in Parkinson disease. Poster presented at 2022 International Society for Posture & Gait Research.
39. Vinacco K, Jacobson K, Cavanaugh JT, DeAngelis TR, Duncan RP, Giris J, Hessler M, Holmes MB, Nordahl T, Porciuncula F, **Rawson KS**, Zajac J, Earhart GM, Ellis TD. Using the biopsychosocial model to explore real world walking activity in people with Parkinson disease. Poster presented at the 2023 APTA Combined Sections Meeting, San Diego, CA.

40. Duncan, RP, Baker T, Cavanaugh JT, DeAngelis TR, Fulford D, Girnis J, Hessler M, LaValley M, Nordahl TJ, Saint-Hillaire M, Thomas CA, Zajac JA, Ellis TE, Earhart GM, **Rawson KS**. Relationships between low back pain-related disability, motor capacity, and executive function in Parkinson disease. Platform presented at the 2023 APTA Combined Sections Meeting.
41. Tueth LE, Foreman R, Duncan RP, Baker T, Cavanaugh JT, DeAngelis TR, Fulford D, Girnis J, Lavalley M, Nordahl T, Saint-Hilaire M, Thomas CA, Ellis TD, Earhart GM, **Rawson KS**. Quality of life neurological disorders (Neuro-QoL): Differences among individuals with Parkinson disease with and without freezing of gait. Poster presentation at the 2023 Sixth World Parkinson Congress, Barcelona, Spain.
42. Baudendistel, ST, Hizer S, Haussler AM, **Rawson KS**, Campbell MC, & Earhart GM. Differences in gait between clinical subtypes in Parkinson disease. Poster presentation at 2023 World Parkinson Congress, Barcelona, Spain.
43. Duncan RP, Nordahl T, Baker T, Cavanaugh JT, DeAngelis TR, Fulford D, Girnis J, Hessler M, Lavalley M, Saint-Hilaire M, Thomas CA, Zajac, J, Ellis TD, Earhart GM, **Rawson KS**. Does musculoskeletal pain impact physical activity in people with Parkinson disease. Poster presentation at the 2023 Sixth World Parkinson Congress, Barcelona, Spain.
44. **Rawson KS**, Tueth LT, Kloeckner, J, Foreman R, Duncan RP, Haussler AM, Baudendistel ST, Lohse KR, Earhart GM. Moving mindfully: A mindfulness-based walking therapy program for people with freezing of gait. Poster presentation at 2023 World Parkinson Congress, Barcelona, Spain.
45. Baker T, **Rawson KS**, Girnis J, Duncan RP, Cavanaugh JT, DeAngelis TR, Fulford D, Hessler M, Lavalley M, Nordahl T, Saint-Hilaire M, Thomas CA, Zajac J, Earhart GM, Ellis TD, Porciuncula F. Relationship between self-efficacy and real world walking activity in persons with Parkinson Disease. Poster presentation at the 2023 Sixth World Parkinson Congress, Barcelona, Spain.
46. Baudendistel ST, Hizer S, Haussler AM, **Rawson KS**, Campbell MC, Earhart GM. Gait differences between clinical subtypes of Parkinson disease. Poster presented at 2023 American Society of Biomechanics, Knoxville, TN.