

# NICOLE T. DAWSON, PT, PhD, GCS

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## Education

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- 2015      **Ph.D.** in Adult Development & Aging Psychology  
Cleveland State University; Cleveland, Ohio  
University of Akron; Akron, Ohio
- Dissertation: "Examining the Effects of a Home-based Moderate-intensity Functional Exercise Intervention on Cognition and Function in Individuals with Dementia": Katherine S. Judge, Ph.D. (advisor)
- 2012      **M.A.** in Adult Development & Aging Psychology  
Cleveland State University; Cleveland, Ohio  
University of Akron; Akron, Ohio
- Thesis: "What Factors Predict Falls in Cognitively Impaired Older Adults?": Katherine S. Judge, Ph.D. (advisor)
- 2002      **M.P.T.** in Physical Therapy  
Division of Physical Therapy  
Ohio University; Athens, Ohio
- 1995      **B.A.** in Sports Medicine (Biology, minor)  
Honors Program  
Baldwin-Wallace College; Berea, Ohio

## Professional Licensure and Certification

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- 2015      State of Florida P.T. License #PT 30404  
2014      ABPTS Board Certified Specialist in Geriatric Physical Therapy  
2002      State of Ohio P.T. License #PT-10134

## Honors and Awards

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- 2020      University of Central Florida  
*Teaching Incentive Program (TIP) Award*
- 2020      American Physical Therapy Association, HPA the Catalyst  
*Award for Social Responsibility* (Combined Sections Meeting). "Impact of an Intergenerational Physical Activity Program on Children 6 to 12 Years Old"
- 2019      University of Central Florida, Faculty Excellence  
*Women's History Month, Honoree*
- 2018      American Physical Therapy Association  
*Margaret L. Moore Award for Outstanding New Academic Faculty Member*
- 2017      Academy of Geriatric Physical Therapy, American Physical Therapy Association  
*Distinguished Educator Award*
- 2016      University of Central Florida, College of Health and Public Affairs  
*Faculty Research Fellowship*

- 2015 Cleveland State University, Department of Psychology  
*Federici Doctoral Research Award*
- 2013; 2014 Margaret Blenkner Research Institute of the Benjamin Rose Institute on Aging  
*Graduate Research Fellowship*
- 2013 Ohio Department of Aging/Ohio Association in Gerontology Education Internship  
2012 Grantmakers in Aging  
*Annual Conference Fellowship*
- 2011 Jerome Kaplan Award for Best Graduate Student Paper: "Possible predictors of falls in cognitively impaired older adults: a literature review"  
*35<sup>th</sup> Annual Conference of the Ohio Association for Gerontology & Education*

## Appointments

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2015 – Present	<b>University of Central Florida</b> <i>Associate Professor, tenured</i> (2021 – present) Division of Physical Therapy School of Kinesiology and Physical Therapy  <i>Research Coordinator</i> (2019 – present) UCF/ORMC Neurologic Residency Program  <i>Core Faculty</i> (2017 – present) Disability, Aging, and Technology Faculty Cluster  <i>Assistant Professor, tenure-earning</i> (2015 – 2021)	<i>Orlando, Florida</i>
2017 – Present	<b>Innovative Mobility Initiative (IMOVE™) Lab (UCF)</b> <i>Co-Director</i> Innovation Center, UCF ( <a href="#">website</a> )	<i>Orlando, Florida</i>
2018 – Present	<b>Rocky Mountain University of Health Professions</b> <i>Adjunct Research Fellowship</i>	<i>Provo, Utah</i>

## Publications (\*\*graduate and \*\*\*undergraduate student collaborator; underline indicates corresponding authorship) – citation data from Google Scholar

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### Peer-Reviewed Journal Articles:

#### *Under Review*

1. Peller, A.\*\*, Suarez, L.\*\*\*, Trapuzzano, A., Stock, M. & **Dawson, N.** (under review). Influences of Gait Speed on the Community Dwelling Older Adult. *Journal of Aging and Physical Activity*, submitted August 11, 2021.
2. Berry, O., Curran, C., Beato, M., **Dawson, N.**, Dominguez, J. & Voigtmann, C. (under review). Two Balance Measures as Poststroke Predictors of Ambulation Status at Discharge from Inpatient Rehabilitation. *Neurorehabilitation and Neural Repair*, submitted June 13, 2021.

3. Mantel, A.\*\* , Zuluaga, E.\*\* , Keough, J.\*\* , Suarez, L.\*\*\* & **Dawson, N.** (under review). Group differences in fall risk assessment between non-fallers, single fallers, and recurrent fallers in community-dwelling older adults. *Physical & Occupational Therapy in Geriatrics*, submitted December 18, 2020.
4. Keough, J.\*\* , Mantel, A.\*\* , Zuluaga, E.\*\* , Suarez, L.\*\*\* & **Dawson, N.** (under review). Fast Gait Speed as a Fall Risk Measure for Older Adults. *Journal of Geriatric Physical Therapy*, submitted July 8, 2020.
5. Peller, A.\*\* , Garib, R.\*\* , Garbe, E.\*\* , Komforti, D.\*\* , Joffe, C.\*\* , Magras, A.\*\* , Trapuzzano, A., Stock, M. & **Dawson, N.** (under review). Validity and Reliability of the NIH Toolbox® Standing Balance Test as Compared to the Biodex Balance System SD. *Physiotherapy Theory & Practice*, submitted May 13, 2020.

### **Accepted or In Press**

1. Knott, S.\*\* , Jimenez, D.\*\* , Hollis, A.\*\* , Beato, M. & **Dawson, N.** (in press). Efficacy of Traditional Physical Therapy vs Otago-based Exercise in Fall Prevention for ALF-Residing Older Adults. *Journal of Geriatric Physical Therapy*, accepted September 15, 2020.

### **Published Manuscripts** (citations noted from Google Scholar)

3. **Dawson, N.**, Judge, K.S. & Trapuzzano, A.\*\* (2021). Knowledge Gains and Intent of Change Practice Patterns after the Leveraging Existing Abilities in Dementia (LEAD) Training Program (Innovative Practice). *Dementia*, 20(2): 814-825. Published online before print December 4, 2019. <https://doi.org/10.1177/1471301219891562> (citations: 1)
4. Schmidt, J.\*\* , Combs, K.\*\* , Neely, L. & **Dawson, N.** (2021). Moderate-Intensity Strength and Balance Training in an Individual with Frontotemporal Degeneration: A Case Report. *Case Reports and Reviews: Open Access*, 2(1): 123.
5. Komforti, D.\*\* , Magras, A.\*\* , Joffe, C.\*\* , Peller, A.\*\* , Garib, R.\*\* , Garbe, E.\*\* , Trapuzzano, A., **Dawson, N.** & Stock, MS. (2021). Does skeletal muscle morphology or functional performance better explain variance in fast gait speed in older adults? *Aging Clinical and Experimental Research*, 33(4): 921-931. Published online before print May 25, 2020. <https://doi.org/10.1007/s40520-020-01596-y> (citations: 1)
6. Trapuzzano, A.\*\* , Chizmar, S.\*\* , Haffke, L.\*\* & **Dawson, N.** (2020). What Makes Us Walk: Predictors of Gait Speed in Community-Dwelling Older Adults. *OBM Geriatrics*, 4(3). doi:10.21926/obm.geriatr.2003134
7. Trapuzzano, A.\*\* , McCarthy, L. & **Dawson, N.** (2020). Investigating the Effects of the Otago Program Among Individuals with Dementia. *Physical & Occupational Therapy in Geriatrics*, 38(2), 185-198. <https://doi.org/10.1080/02703181.2020.1716131>
8. **Dawson, N.**, Judge, K., & Gerhart, H. (2020). Findings from an Innovative Strength-Based Moderate-Intensity Exercise Interventions for Individuals with Dementia (Innovative Practice). *Dementia*, 19(4), 1265-1273. Published online before print September 13, 2017. <https://doi.org/10.1177/1471301217730951> (citations: 3)

9. Beato, M., Morton, E.\*\*; Iadarola, C.\*\*; Winterberger, L.\*\* & **Dawson, N.** (2020). Can the Wii Fit Balance Board Be Used As A Fall Risk Assessment Tool Among Post-Stroke Patients? *Journal of Stroke and Cerebrovascular Diseases*, 29(2), 1-6. <https://doi.org/10.1016/j.jstrokecerebrovasdis.2019.104500> (citations: 1)
10. Mantel, A.A.\*\*; Chizmar, S.\*\*; Haffke, L.\*\*; Trapuzzano, A.\*\* & **Dawson, N.** (2019). An Investigation of the Predictors of Comfortable and Fast Gait Speed in Community Dwelling Older Adults. *Journal of Geriatric Physical Therapy*, 42(4), E62-E68. Published online before print November 9, 2018. doi: 10.1519/JPT.0000000000000216 (citations: 9)
11. Beato, M., **Dawson, N.**, Svien, L. & Wharton, T. (2019). Examining the Effects of an Otago-Based Home Exercise Program on Falls and Fall Risk in an Assisted Living Facility. *Journal of Geriatric Physical Therapy*, 42(4), 224-229. Published online before print April 25, 2018. doi: 10.1519/JPT.0000000000000190 (citations: 11)
12. **Dawson, N.** & Judge, K. (2019). Accepting the Challenge – Moderate-Intensity Exercise with Individuals with Dementia: A Case Series. *Rehabilitation Process and Outcome*, 8, 1-9. <https://doi.org/10.1177/1179572719853592> (citations: 1)
13. Sonne, J., **Dawson, N.** & Smith, G. (2019). Research Productivity of Doctor of Physical Therapy Faculty Promoted in the Western United States. *Scientometrics*, 119(2), 707-719. Published online before print March 9, 2019. (citations: 1)
14. **Dawson, N.**, Gerhart, H., & Judge, K. (2019). Improved Functional Performance in Individuals with Dementia after a Moderate-Intensity Home-Based Exercise Program: A Randomized, Controlled Trial. *Journal of Geriatric Physical Therapy*, 42(1), 18-27. Published online before print March, 1, 2017. <https://doi.org/10.1519/JPT.0000000000000128> (citations: 20)
15. **Dawson, N.**, Dzurino, D.\*\*; Karleskint, M.\*\* & Tucker, J. (2018). Assessing the reliability, correlation, and validity of commonly used rehab tools to measure balance. *Health Science Reports*, e98, <https://doi.org/10.1002/hsr2.98> (citations: 28)
16. Stock, M.S., Whitson, M., Burton, A.M., **Dawson, N.T.**, Sobolewski, E.J. & Thompson, B.J. (2018). Echo intensity versus muscle function correlations in older adults are influenced by subcutaneous fat thickness. *Ultrasound in Medicine and Biology*, 44(8), 1597-1605, <https://doi.org/10.1016/j.ultrasmedbio.2018.04.009> (citations: 30)
17. **Dawson, N.** & Menne, H. (2017). Can Interpreting Non-Significant Findings Inform the Lessons Learned from an Intervention? *American Journal of Lifestyle Medicine*, 11(4), 354-360. Published online before print November 5, 2015, <https://doi.org/10.1177/1559827615614571> (citations: 4)
18. Bukach, A. M., Ejaz, F. E., **Dawson, N.**, & Gitter, R. (2017). Turnover among Community Mental Health Workers in Ohio. *Administration and Policy in Mental Health and Mental Health Services Research*, 44(1), 115-122. Published online before print December 11, 2015, <https://doi.org/10.1007/s10488-015-0706-1> (citations: 47)
19. Powers, S. M., **Dawson, N.**, Krestar, M. L., Yarry, S. & Judge, K. S. (2016). 'I wish they would remember that I forget.' The effects of memory loss on the lives of individuals with mild to moderate dementia. *Dementia*, 15(5), 1053-1067. Published online October 7, 2014. <https://doi.org/10.1177/1471301214553236> (citations: 12)

20. Ejaz, F. E., Bukach, A. M., **Dawson, N.**, Gitter, R. & Judge, K. S. (2015). Examining Direct Service Worker Turnover in Three Long-Term Care Industries in Ohio. *Journal of Aging and Social Policy*, 27(2), 139-155. <http://dx.doi.org/10.1080/08959420.2014.987034> (citations: 24)
21. **Dawson, N.**, Powers, S. M., Krestar, M. L., Yarry, S. & Judge, K. S. (2013). Predictors of self-reported psychosocial outcomes in individuals with dementia. *The Gerontologist*, 53, 748-759. First appeared online October 2012. <https://doi.org/10.1093/geront/gns137> (citations: 36)
22. Krestar, M. L., Looman, W., Powers, S., **Dawson, N.**, & Judge, K. S. (2012). Including individuals with memory impairment in the research process: the importance of scales and response categories. *Journal of Empirical Research and Human Research Ethics*, 7, 70-79. <https://doi.org/10.1525/jer.2012.7.2.70> (citations: 20)

### **Manuscripts in Preparation**

**Dawson, N.**, Judge, K. & Trapuzzano, A.\*\* (in preparation). Changing the Way Rehabilitation Professionals Care for Individuals with Dementia. Future submission to *Alzheimer's & Dementia*.

Tucker, J., Toubman, J.\*\*, Richards, J.\*\*, Mynatt, K.\*\*, Sack, L.\*\*, Stocker, C.\*\*, Heisler, N.\*\*\*, Osier, C.\*\* & **Dawson, N.** (in preparation). Intergenerational Physical Activity Programming: A Systematic Review. Future submission to *Journal of Intergenerational Relationships*.

Judge, K.S., Dawson, N., Shelton, E., Yarry, S.J. & Looman, W.J. (in preparation). Improved Strains and Psychosocial Outcomes for Individuals with Dementia: Findings from Project ANSWERS. Innovation in Aging, submitted for review on September 1, 2018.

Karleskint, M.\*\*, Goddin, C.\*\*, Davis, K.\*\* & **Dawson, N.** (in preparation). The Wii Fit Balance Board as a Fall Risk Assessment Tool Among Older Adults. Future Submission to the *Journal of Geriatric Physical Therapy*.

### **Book Chapters:**

1. Judge, K.S. & **Dawson, N.** (2018). Cognitive Function. In B.R Bonder & V. Dal Bello-Haas (Eds.), *Functional Performance in Older Adults 4th Edition* (pp. 93-108). Philadelphia, PA: F.A. Davis.
2. Judge K.S. & **Dawson N.** (2018). Cognitive and Emotional Function: Health Conditions. In B.R Bonder & V. Dal Bello-Haas (Eds.), *Functional Performance in Older Adults 4th Edition* (pp. 181-200). Philadelphia, PA: F.A. Davis.
3. Sterns, H. L., & **Dawson, N. T.** (2012). Emerging perspectives on resilience in adulthood and later life: Work, retirement, and resilience. In B. Hayslip, & G. Smith (Eds.), *Annual review of gerontology and geriatrics: Emerging perspectives on resilience in adulthood and later life (Volume 32)*, New York: Springer Publishing Company, 211-230. (citations: 21)

### **Executive Reports and Other Publications:**

1. **Dawson, N.**, Beato, M. & McCarthy, L. (in press). FOCUS: Cognitive Health Conditions: Implications for Physical Therapy Practice. Alexandria: Academy of Geriatric Physical Therapy, American Physical Therapy Association.

2. McCarthy, L. & **Dawson, N.** (2021). FOCUS: Anxiety, Depressive and Co-Morbid Substance Use Disorders in Aging Adults. Alexandria: Academy of Geriatric Physical Therapy, American Physical Therapy Association.
3. Gitter, R. J., Ejaz, F. E., Bukach, A. M., **Dawson, N.**, & Judge, K. S. (2013). The determinants of direct service worker turnover in Ohio [Final report]. Retrieved from the Ohio Colleges of Medicine Government Resource Center website: <http://www.ohioaging.org/PDFs/2014%20Budget%20advocacy,%20longer%20summary.pdf>
4. Ejaz, F. K., Bukach, A. M., **Dawson, N.**, Gitter, R. J., & Judge, K. S. (2013). Examining direct service worker turnover in Ohio. Retrieved from Ohio Colleges of Medicine Government Resource Center website: [https://osuwmcdigital.osu.edu/sitetool/sites/odswpublic/documents/EjazFinalUpdatedReportv3\(1\).pdf](https://osuwmcdigital.osu.edu/sitetool/sites/odswpublic/documents/EjazFinalUpdatedReportv3(1).pdf)

### **Grants for Research (\*\* denotes graduate student collaborator)**

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1. **Dawson, N.** (PI) & Judge, K. (PI). Examining the Impact of the Leveraging Existing Abilities in Dementia (LEAD™) Training Program for Rehabilitation Professionals in Central Florida Skilled Nursing Facilities. Centers for Medicare and Medicaid, Civil Money Penalty Funds for Certified Nursing Homes, 2021-2023, \$252,358. [not funded]
2. Stock, M. (PI), Garcia, J., **Dawson, N.**, Fukuda, D. & Hahs-Vaughn. Sex differences in lower-extremity physical function and neuroplasticity during limb immobilization and rehabilitation. National Institute on Aging (R01 PA-20-183), 2021-2026, \$3,575,677. [scored but not funded]
3. **Dawson, N. (PI)** & Kent-Walsh, J. Examining 'Challenge Me!', a Multi-Component Exercise Intervention for Individuals with Alzheimer's Disease and Related Dementias. National Institute on Aging (R15 Parent Announcement PAR19-133), 2019-2022, \$430,698. [assigned to CPMC Study Section, scored (impact score: 51), Not Funded]
4. Kay, D., Gammonley, D., Dangiolo, M., Wharton, T., **Dawson, N.** & Valenti, M. USF Geriatrics Workforce Enhancement Program. Health Resources & Services Administration Geriatrics Workforce Enhancement Program (HRSA-10-008), 2019-2024, \$594,974 subcontract. [Not Funded]
5. **Dawson, N. (Co-PI)**, Stock, M (Co-PI). & Trapuzzano, A (Co-PI).\*\* Investigating the Unique Predictors of Comfortable and Fast Gait Speed in Community Dwelling Older Adults. LIFE @ UCF Richard Tucker Applied Gerontology Grant, 2017-2018, \$7,300. [Funded]
6. **Dawson, N. (PI)**, Judge, K., Kent-Walsh, J. & Hahs-Vaughn, D. Examining a Multi-Component Exercise Intervention for Individuals with Alzheimer's Disease and Related Dementias and their Family Caregivers. National Institute on Aging (R01 Parent Announcement PA-13-302), 2017-2020, \$2,059,582. [assigned to NRCS Study Section, Not Funded]
7. **Dawson, N. (Co-PI)** & Tucker, J (Co-PI). Investigating the Impact of an Innovative Intergenerational Physical Activity Program on Older Adults and Children 8 to 11 Years Old. LIFE @ UCF Richard Tucker Applied Gerontology Grant, 2016-2017, \$4,900. [Funded]
8. Wan, T. et al. (2015). U54: NIMHD Transdisciplinary Collaborative Center for Health Disparities Research on Chronic Disease Prevention. National Institute on Minority Health and Disparities. \$10,596,467.00. [Not Funded]

9. **Dawson, N.** (2014). Using Moderate-Intensity Functional Exercise to Maximize Success with Individuals with Dementia: A Home-Based Exercise Intervention. Dissertation Research Award. Office of Research, Cleveland State University. \$5,000, funded May 2014-2015. [Funded]

### **Other Funding Support**

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1. Loan Repayment Program for Clinical Researchers (NIH LRP-CR), National Institutes of Health (National Institute on Aging), up to \$100,000 (renewable up to \$200,000), 2020-22. [Not Funded]
2. Summer Salary Grant Writing Support Initiative, College of Health Professions and Sciences, University of Central Florida. \$5,000, Summer 2019. [Funded]
3. Faculty Sponsored Research Support Initiative, College of Health and Public Affairs, University of Central Florida. \$2,500, Spring 2017. [Funded]
4. Faculty Sponsored Research Support Initiative, College of Health and Public Affairs, University of Central Florida. \$2,500, Summer-Fall 2016. [Funded]
5. Graduate Assistantship, Department of Psychology, Cleveland State University. Tuition waiver and stipend: \$28,253.60, 2014-2015 academic year. [Funded]
6. Department of Psychology and College of Graduate Studies, Cleveland State University. 2014 American Physical Therapy Association Combined Sections Meeting, Las Vegas, Nevada: Student Travel Award, \$500, 2014. [Funded]
7. Graduate Assistantship, Department of Psychology, Cleveland State University. Tuition waiver and stipend: \$26,002.80, 2013-2014 academic year. [Funded]
8. Department of Psychology and College of Graduate Studies, Cleveland State University. 66<sup>th</sup> Annual Scientific Meeting, Gerontological Society of America, New Orleans, Louisiana: Student Travel Award, \$1,081, 2013. [Funded]
9. Graduate Assistantship, Department of Psychology, Cleveland State University. Tuition waiver and stipend: \$25,758, 2012-2013 academic year. [Funded]
10. Graduate Assistantship, Department of Psychology, Cleveland State University. Tuition waiver and stipend: \$24,331, 2011-2012 academic year. [Funded]
11. Graduate Assistantship, Department of Psychology, Cleveland State University. Tuition waiver and stipend: \$20,885, 2010-2011 academic year. [Funded]

### **Peer-Reviewed Presentations (\*\*graduate and \*\*\*undergraduate student collaborator)**

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1. Beato, M., Osborne, J., Babcock, R. & **Dawson, N.** (accepted). The ABCs of Parkinsonism Plus Syndromes: Lbd, MSA, PSP, Nph. Which Therapy Approach Is Effective? 2022 American Physical Therapy Association Combined Sections Meeting, San Antonio, Texas.
2. Dawkins, H.\*\* , Rogers, H.\*\* , Morrell, E.\*\* , Rappleyea, E.\*\* , Babcock, R., **Dawson, N.** & Beato, M. (presented virtually). Examining the Effects of Amplitude-Based Training in Individuals with Parkinson's Plus Syndromes: A Case Series. 2021 American Physical Therapy Association Combined Sections Meeting, Orlando, Florida.

3. Berry, O., **Dawson, N.** & Beato, N. (presented virtually). Two Balance Measures As Poststroke Predictors of Ambulation Status at Discharge from Inpatient Rehabilitation. 2021 American Physical Therapy Association Combined Sections Meeting, Orlando, Florida.
4. Peller, A.\*\* , Suarez, L.\*\*\* , Trapuzzano, A., Stock, M. & **Dawson, N.** (presented virtually). Gait Speed: Understanding it Better to Target Interventions. 2021 American Physical Therapy Association Combined Sections Meeting, Orlando, Florida.
5. Suarez, L.\*\*\* , Stock, M. & **Dawson, N.** (presented virtually). Relationship between Executive Function and Postural Control. 2021 American Physical Therapy Association Combined Sections Meeting, Orlando, Florida.
6. Heyn, P.C., Anderson, S.L., Yu, Fang, Koon, L., **Dawson, N.** (November 2020). Evidence-Based Exercise Interventions and Fitness Technologies for Older Adults with Impact or Impaired Cognition. 2019 Scientific Meeting of the Gerontological Society of America, Philadelphia, Pennsylvania.
7. Rothschild, C., Berry, O.\*\* , Guest, A.\*\* , Perez, J.\*\* & **Dawson, N.** (accepted, conference cancelled due to COVID-19). Slackline Training Acceptability and Feasibility in Old and Oldest-Old Healthy Adults. 2020 American Physical Therapy Association NEXT Conference and Exposition, Phoenix Arizona.
8. Beato, M., Hollis, A.\*\* , Jimenez, D.\*\* , Morrison, S.\*\* & **Dawson, N.** (accepted, conference cancelled due to COVID-19). Efficacy of Traditional Physical Therapy Vs Otago-Based Exercise in Fall Prevention for Alf-Residing Older Adults. 2020 American Physical Therapy Association NEXT Conference and Exposition, Phoenix Arizona.
9. Peller, A.\*\* , Garib, R.\*\* , Garbe, E.\*\* , Komforti, D.\*\* , Joffe, C.\*\* , Magras, A.\*\* , Trapuzzano, A.\*\* , Stock, M. & **Dawson, N.** (February 13, 2020). Validity and Reliability of the NIH Toolbox Balance Test Compared to the Biodex Balance SD. 2020 American Physical Therapy Association Combined Sections Meeting, Denver, Colorado.
10. LeMaster, K.\*\* , Webster, H.\*\* , Bhat, S.\*\* , **Dawson, N.** & Tucker, J. (February 15, 2020). Impact of an Intergenerational Physical Activity Program on Children 6 to 12 Years Old. 2020 American Physical Therapy Association Combined Sections Meeting, Denver, Colorado.
11. Mundell, S., Neely, L., Sonne, J., Pabian, P. & **Dawson, N.** (February 14, 2020). Admission Assessments and Their Impact on Academic and Clinical Success. 2020 American Physical Therapy Association Combined Sections Meeting, Denver, Colorado.
12. Combs, K.\*\* , Schmidt, J.\*\* , Neely, L. & **Dawson, N.** (February 13, 2020). Moderate-Intensity Strength and Balance Training in a Patient with Frontotemporal Dementia: A Case Report. 2020 American Physical Therapy Association Combined Sections Meeting, Denver, Colorado.
13. Komforti, D.\*\* , Joffe, C.\*\* , Magras, A.\*\* , Peller, A.\*\* , Garbe, E.\*\* , Garib, R.\*\* , Trapuzzano, A.\*\* , **Dawson, N.** & Stock, M. (February 13, 2020). Form ≠ Function: Fast Gait Speed in Older Adults Is Best Predicted By Functional Performance. 2020 American Physical Therapy Association Combined Sections Meeting, Denver, Colorado.
14. **Dawson, N.**, Judge, K. & Trapuzzano, A.\*\*. (February 13, 2020). Leveraging Existing Abilities in Dementia – Part 1 – Theory & Application Principles. 2020 American Physical Therapy Association Combined Sections Meeting, Denver, Colorado, honorarium received.



15. **Dawson, N.**, Judge, K. & Trapuzzano, A.\*\*. (February 14, 2020). Leveraging Existing Abilities in Dementia – Part 2 – Integration into Daily Practice. 2020 American Physical Therapy Association Combined Sections Meeting, Denver, Colorado, honorarium received.
16. **Dawson, N.** & Trapuzzano, A.\*\*. (November 13, 2019). The Interplay of Functional Performance and Cognition on Walking Speed Reserve. 2019 Scientific Meeting of the Gerontological Society of America, Austin, Texas.
17. Kay, D., Wharton, T., Pabian, P., Miller, S., **Dawson, N.**, Tucker, J. & Gammonley, D. (March 2019). Health Profession Students' Perceptions of Leadership, Hierarchy and Expertise Utilization on Interprofessional Health Care Teams. Southern Group on Educational Affairs Meeting, Orlando, Florida.
18. Osier, C.\*\*, Steckel, K.\*\*, Stocker, C., Toubman, J., Viola, S.\*\*, Tucker, J. & **Dawson, N.** (January 24, 2019). Investigating the Impact of an Innovative Intergenerational Physical Activity Program on Older Adults and Children 6 to 12 Years Old. 2019 American Physical Therapy Association Combined Sections Meeting, Washington, DC.
19. Beals, J.\*\*, Huhn, K.\*\*, Kallin, G.\*\* & **Dawson, N.** (January 26, 2019). The Impact of the Movement to Music Program on Functional Mobility and Balance in Older Adults with Dementia: A Case Study. 2019 American Physical Therapy Association Combined Sections Meeting, Washington, DC.
20. McCarthy, L., Trapuzzano, A.\*\* & **Dawson, N.** (January 26, 2019). Investigating the Effects of the Otago Program among Individuals with Dementia. 2019 American Physical Therapy Association Combined Sections Meeting, Washington, DC.
21. Trapuzzano, A.\*\*, Chizmar, S.\*\*, Haffke, L.\*\* & **Dawson, N.** (January 26, 2019). What Makes Us Walk: Predictors of Gait Speed in Community-Dwelling Older Adults. 2019 American Physical Therapy Association Combined Sections Meeting, Washington, DC.
22. **Dawson, N.**, Atkins, D., Chizmar, S.\*\*, Manoogian, D.\*\*\* & Gabriel M. (November 14, 2018). The Relationship between Physician Specialty and Treatment Modality for Osteoarthritis in Women 65+. 2018 Scientific Meeting, Gerontological Society of America, Boston, Massachusetts. *Abstract in Innovating in Aging, 2(s1), 153.*
23. **Dawson, N.**, Judge, K. & Trapuzzano, A.\*\* (November 14, 2018). Impact of the Leveraging Existing Abilities in Dementia (LEAD) Training Program on Confidence and Practice Patterns. 2018 Scientific Meeting, Gerontological Society of America, Boston, Massachusetts. *Abstract in Innovating in Aging, 2(s1), 131.*
24. **Dawson, N.** & Judge, K. (August 11, 2018). A Strength-Based Approach to Moderate-Intensity Exercise with Individuals with Dementia: Case Series. 2018 American Psychological Association Annual Conference, San Francisco, California.
25. Judge, K.S., **Dawson, N.**, Zeltinger, K.\*\*, Beck, G.\*\* & Layport, B.\*\* (August 10, 2018). Understanding and Intervening Upon the Illness Experience in Individuals with Dementia. 2018 American Psychological Association Annual Conference, San Francisco, California.
26. **Dawson, N.**, Toubman, J., Stocker, C., Richards, J., Mynatt, K., Sack., L., Heisler, N. & Tucker, J. (June 29, 2018). Findings from Grow & Play, an innovative intergenerational physical activity program. 2018 American Physical Therapy Association NEXT Conference and Exposition, Orlando, Florida.

27. Atkins, D., Chizmar, S.\*\*, Manoogian, D.\*\*\*, Gabriel, M. & **Dawson, N.** (June 25, 2018). The Relationship between Physician Specialty and Utilization of Physical Therapy or Prescription Opioids for Treatment of Degenerative Joint Disease: Evidence from the NAMCS. Academy Health 2018 Annual Research Meeting, Seattle, Washington.
28. Stock, M., Whitson, M., Burton, A., **Dawson, N.**, Thompson, B. & Sobolewski, E. (March 2018). The Correlation Between Fast Gait Speed and Echo Intensity in Older Adults is Influenced by Subcutaneous Tissue Thickness. 2018 International Conference on Frailty & Sarcopenia Research, Miami, FL.
29. Gammonley, D., Kay, D., Pabian, P., Miller, S., **Dawson, N.** & Tucker, J. (March 2, 2018). Impacts of a Phased Interprofessional Curriculum on Foundational and Interactional Gerontology Competencies. 2018 Annual Conference of Association of Gerontology in Higher Education, Atlanta, Georgia.
30. Moya, S., **Dawson, N.**, Pabian, P., Brown, E., Sonne, J. & Richards, J.\*\* (February 2018). The Impact of the Behavioral Interview on Decision-Making in Physical Therapy Admissions. 2018 American Physical Therapy Association Combined Sections Meeting, New Orleans, LA.
31. Mantel, A.\*\*, Chizmar, S.\*\*, Haffke, L.\*\*, Trapuzzano, A.\*\* & **Dawson, N.** (February 2018). Comfortable and Fast Gait Speeds Are Significantly Influenced by Strength and Balance. 2018 American Physical Therapy Association Combined Sections Meeting, New Orleans, LA.
32. Karleskint, M.\*\*, Dzurino, D.\*\*, Tucker, J., Pabian, P. & **Dawson, N.** (February 2018). Reliability, Validity, and Agreement of Spatiotemporal Gait Instrumentation. 2018 American Physical Therapy Association Combined Sections Meeting, New Orleans, LA.
33. **Dawson, N.**, Judge, K. & Karleskint, M.\*\* (July 23, 2017). Results of a Moderate-Intensity Exercise Program for IWDs: Implications and Future Directions. 21st IAGG World Congress of Gerontology and Geriatrics, San Francisco, California. *Abstract in Innovating in Aging, 1(s1), 170.*
34. **Dawson, N.**, Toubman, J.\*\*, Richards, J.\*\*, Mynatt, K.\*\*, Sack., L.\*\*, Stocker, C.\*\*, Heisler, N.\*\*\* & Tucker, J. (June 2017). Intergenerational Programming and Physical Activity: A Systematic Review. American Physical Therapy Association NEXT Conference and Exposition, Boston, Massachusetts.
35. Moya, S., Richards, J.\*\* & **Dawson, N.** (February 17, 2017). Assessing Non-Cognitive Traits of Doctor of Physical Therapy Applicants through Admissions Interviews. 2017 American Physical Therapy Association Combined Sections Meeting, San Antonio, Texas.
36. Dzurino, D.\*\*, Karleskint, M.\*\*, **Dawson, N.** & Tucker, J. (February 16, 2017). Assessing the Reliability and Construct Validity of Commonly Used Rehab Tools to Measure Balance. 2017 American Physical Therapy Association Combined Sections Meeting, San Antonio, Texas.
37. Karleskint, M.\*\*, **Dawson, N.**, Dzurino, D.\*\* & Tucker, J. (February 16, 2017). Assessing the Reliability, Agreement, and Convergent Validity between the 10MWT and GAITRite System in Healthy Adults. 2017 American Physical Therapy Association Combined Sections Meeting, San Antonio, Texas.
38. Keough, J.\*\*, Zuluaga, E.\*\*, Mantel, A.\*\* & **Dawson, N.** (February 16, 2017). Fast Gait Speed is Associated with Falls in Older Adults: Findings from Project Runway. 2017 American Physical Therapy Association Combined Sections Meeting, San Antonio, Texas.

39. Mantel, A.\*\* , Zuluaga, E.\*\* , Keough, J.\*\* & **Dawson, N.** (February 16, 2017). Group Differences on Performance Measures Between Non-fallers, Single Fallers, and Recurrent Fallers in Community Dwelling Older Adults. 2017 American Physical Therapy Association Combined Sections Meeting, San Antonio, Texas.
40. Karleskint, M.\*\* , Goddin, C.\*\* , Davis, K.\*\* & **Dawson, N.** (February 16, 2017). Can the Wii Balance Board Be Used as a Fall Risk Assessment Tool for Older Adults? 2017 American Physical Therapy Association Combined Sections Meeting, San Antonio, Texas.
41. McCarthy, L., Stanley, M.M, White, L., **Dawson, N.**, Ross, B., Knott, G., Criss, M.G., Ross, C.M. & Steffes, L. (February 14-15, 2017). Working with Cognitive/Mental Health Issues across the Care Continuum. 2017 American Physical Therapy Association Combined Sections Meeting (pre-conference workshop), San Antonio, Texas.
42. **Dawson, N.**, Pabian, P. & Moya, S. (October 9, 2016). Implementing a mixed-methods analytical approach to admissions in physical therapy education. American Physical Therapy Association Educational Leadership Conference, Phoenix, Arizona.
43. Beato, M., Svien, L. & **Dawson, N.** (July 28, 2016). Examining the Effects of an Otago-Based Program on Falls in Residents of Assisted Living Facilities. The Exercise and Physical Activity in Aging Conference (ExPAAC II), Indianapolis, Indiana.
44. Tucker, J., Richards, C.J.\*\* , Vandell, T.A.\*\* , **Dawson, N.** (June 9, 2016). Effects of preference based physical activities for children ages 6-10 years in a private school setting. American Physical Therapy Association NEXT Conference and Exposition, Nashville, Tennessee.
45. **Dawson, N.** & Judge, K. S. (February 18, 2016). Improved Functional Performance in Individuals with Dementia Following a Moderate-Intensity Strength and Balance Exercise Program. 2016 American Physical Therapy Association Combined Sections Meeting, Anaheim, California.
46. **Dawson, N.** & Sterns, H. (November 20, 2015). Returning to Work Following Injury or Illness – The Disablement Discussion. 65<sup>th</sup> Annual Scientific Meeting, Gerontological Society of America, Orlando, Florida.
47. **Dawson, N.** & Judge, K. (November 18, 2015). Acceptability and Feasibility of a Moderate-Intensity Home-Based Exercise Intervention for Individuals with Dementia. 65<sup>th</sup> Annual Scientific Meeting, Gerontological Society of America, Orlando, Florida. *Abstract in The Gerontologist, 55, 103.*
48. **Dawson, N.T.** & Menne, H.L. (November 8, 2014). Interpreting Non-Significant Findings: Physical Performance Measures in an Evidence-Based Program. 67<sup>th</sup> Annual Scientific Meeting, Gerontological Society of America, Washington, D.C.
49. **Dawson, N.**, Menne, H. & Bass, D. (February 5, 2014). Changes in Physical Performances Outcomes and Falls in Individuals with Dementia: Findings from the Reducing Disability in Alzheimer's Disease Intervention. 2014 American Physical Therapy Association Combined Sections Meeting, Las Vegas, Nevada.

50. Judge, K. S. & **Dawson, N.** (November 22, 2013). Using a Strength-Based Approach for Developing and Implementing a Dyadic Intervention for Individuals with Dementia and Their Family Caregivers: Results from Project ANSWERS. 66<sup>th</sup> Annual Scientific Meeting, Gerontological Society of America, New Orleans, Louisiana. *Abstract in The Gerontologist, 53, 511.*
51. Ejaz, F. E., Bukach, A. M. & **Dawson, N.** (November 20, 2013). Examining DSW Turnover in Three Long-Term Care Industries in Ohio. 66<sup>th</sup> Annual Scientific Meeting, Gerontological Society of America, New Orleans, Louisiana. *Abstract in The Gerontologist, 53, 17.*
52. Bukach, A. M., Ejaz, F. E. & **Dawson, N.** (November 20, 2013). Turnover among Community Psychiatric Supportive Treatment (CPST) Workers in Ohio. 66<sup>th</sup> Annual Scientific Meeting, Gerontological Society of America, New Orleans, Louisiana. *Abstract in The Gerontologist, 53, 17.*
53. Bukach, A. S., **Dawson, N.** & Ejaz, F. E. (April 26, 2013). Predictors of Direct Service Worker Turnover in Ohio. Poster Presentations, 37<sup>th</sup> Annual Conference, Ohio Association for Gerontology & Education, Ashland, Ohio.
54. **Dawson, N.**, Krestar, M., Powers, S. & Judge, K. (April 26, 2013). Individuals with Dementia in the Research Process: Qualitative and Quantitative Findings from Project ANSWERS. 37<sup>th</sup> Annual Conference, Ohio Association for Gerontology & Education, Ashland, Ohio.
55. **Dawson, N.**, Menne, H. & Bass, D. (April 26, 2013). The effect of exercise on physical performance outcomes in individuals with dementia: findings from the Reducing Disability in Alzheimer's Disease intervention. 37<sup>th</sup> Annual Conference, Ohio Association for Gerontology & Education, Ashland, Ohio.
56. Ejaz, F., Bukach, A., **Dawson, N.** & Judge, K. (March 13, 2013). Examining Direct Service Worker (DSW) Turnover in Four Human Service Industries in Ohio. 2013 Aging in America Conference, hosted by the American Society on Aging, Chicago, Illinois.
57. **Dawson, N.** & Judge, K. S. (January 20, 2013). What Factors Best Predict Falls in Cognitively Impaired Older Adults? Poster Presentation. 2013 American Physical Therapy Association Combined Sections Meeting, San Diego, California.
58. Powers, S., **Dawson, N.**, Wilson, M. & Judge, K. S. (November 17, 2012). "I wish they would remember that I forget" - Understanding the illness experience of individuals with dementia. 65<sup>th</sup> Annual Scientific Meeting, Gerontological Society of America, San Diego, California. *Abstract in The Gerontologist, 52, 651.*
59. **Dawson, N.**, Powers, S., Krestar, M., Yarry, S. & Judge, K. S. (November 17, 2012). Predictors of Self-Reported Psychosocial Outcomes in Individuals with Dementia. 65<sup>th</sup> Annual Scientific Meeting, Gerontological Society of America, San Diego, California. *Abstract in The Gerontologist, 52, 651.*
60. Sterns, H. L. & **Dawson, N.** (November 18, 2012). Older workers & resilience: Finding their way back on the job. 65<sup>th</sup> Annual Scientific Meeting, Gerontological Society of America, San Diego, California. *Abstract in The Gerontologist, 52, 718.*
61. Krestar, M. L., Powers, S. M., **Dawson, N. T.**, Yarry, S., & Judge, K. S. (April 28, 2012). "I wish they would remember that I forget": Insight on memory loss from individuals with dementia. Poster presented at the Cleveland Psychological Association student poster session, Cleveland, Ohio.

62. **Dawson, N.**, Powers, S., Krestar, M. & Judge, K. S. (April 20, 2012). Predictors of psychosocial outcomes in individuals with dementia. 36<sup>th</sup> Annual Conference, Ohio Association for Gerontology & Education, Youngstown, Ohio.
63. Powers, S., **Dawson, N.**, Krestar, M. & Judge, K. S. (April 20, 2012). The effects of memory loss on the lives of individuals with mild to moderate dementia. 36<sup>th</sup> Annual Conference, Ohio Association for Gerontology & Education, Youngstown, Ohio.
64. **Dawson, N.** & Sterns, H. L. (February 25, 2012). Resilience & working longer. The 38<sup>th</sup> Association for Gerontology in Higher Education Annual Meeting and Educational Leadership Conference, Arlington, Virginia.
65. **Dawson, N.** & Culler, K. (February 25, 2012). "When the going gets tough, the tough get going": Coping in graduate school and professional development transitions. The 38<sup>th</sup> Association for Gerontology in Higher Education Annual Meeting and Educational Leadership Conference, Arlington, Virginia.
66. **Dawson, N.**, Powers, S. & Wilson, M. (November 21, 2011). Psychosocial constructs from the perspective of an individual with dementia. 64<sup>th</sup> Annual Scientific Meeting, Gerontological Society of America, Boston, Massachusetts. *Abstract in The Gerontologist, 51, 513.*
67. Powers, S., **Dawson, N.**, & Wilson, M. (November 21, 2011). Insight on memory loss through the eyes of the dementia patient. 64<sup>th</sup> Annual Scientific Meeting, Gerontological Society of America, Boston, Massachusetts. *Abstract in Gerontologist (51), 513*
68. Yarry, S., **Dawson, N.** & Judge, K. S. (November 21, 2011). A strength-based cognitive rehabilitation approach for individuals with dementia. 64<sup>th</sup> Annual Scientific Meeting, Gerontological Society of America, Boston, Massachusetts. *Abstract in Gerontologist (51), 513-514.*
69. Wilson, M., Powers, S. & **Dawson, N.** (November 21, 2011). Including individuals with dementia in the research process: understanding the impact of scales and response categories used in surveys. 64<sup>th</sup> Annual Scientific Meeting, Gerontological Society of America, Boston, Massachusetts. *Abstract in Gerontologist (51), 514.*
70. Judge, K., Wilson, M., **Dawson, N.** & Powers, S. (November 19, 2011). Implementing Interventions for Individuals with Dementia (Acquiring new skills while enhancing remaining strengths (ANSWERS): a dyadic cognitive rehabilitation and educational skills training program for individuals with dementia). 64<sup>th</sup> Annual Scientific Meeting, Gerontological Society of America, Boston, Massachusetts.
71. **Dawson, N.** (October 14, 2011). Unique predictors used in assessment of falls in cognitively impaired older adults. Ohio Physical Therapy Association Fall Scientific Symposium "Aging: Putting Science into Practice", Columbus, Ohio.
72. **Dawson, N.** (April 15, 2011). Coping with declining mobility in older adults. 35<sup>th</sup> Annual Conference, Ohio Association for Gerontology & Education, Columbus, Ohio.
73. **Dawson, N.** (April 15, 2011). Possible predictors of falls in cognitively impaired older adults: a literature review. 35<sup>th</sup> Annual Conference, Ohio Association for Gerontology & Education, Columbus, Ohio.

## **Abstracts under Review (\*\*graduate student and \*\*\* undergraduate student collaborator)**

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1. Banta, E.\*\* , Berk, L.\*\* , Davis, A.\*\* & **Dawson, N.** (under review). The Benefits of Moderate-Intensity Exercise for Community-Dwelling Older Adults with Cognitive Impairment: A Systematic Review. 2021 American Physical Therapy Association Combined Sections Meeting, San Antonio, Texas.

## **Invited Presentations & Lectures**

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1. **Dawson, N.** (October, 30, 2020). The Role of Rehabilitation in Dementia Management. Pat Summit Clinic Symposium on Alzheimer's Disease. Virtual. Honorarium received.
2. **Dawson, N.** (February 8 & 9, 2020). Multi-Disciplinary Management of Patients with Dementia. Brooks Rehabilitation Institute for Higher Learning. Jacksonville, Florida. Honorarium received.
3. **Dawson, N.** (July 23, 2019). Gait Speed: We Know So Much but Still So Little. Academy of Geriatric Physical Therapy, RF SIG Journal Club Webinar.
4. **Dawson, N.** (April 28, 2019). Multi-Disciplinary Management of Patients with Dementia. Fairview Rehabilitation Services. Woodbury, Minnesota. Honorarium received.
5. **Dawson, N.** (April 27, 2019). Using Evidence-based Approaches for Assessment and Treatment of Functional Disability in Geriatric Rehabilitation. Woodbury, Minnesota. Honorarium received.
6. **Dawson, N.** & Rolle, E. (May 12 & 13, 2018). Using Evidence-Based Approaches for Assessment and Treatment of Functional Disability in Geriatric Rehabilitation. Total Rehabilitation Centre. San Juan, Trinidad. Honorarium received.
7. **Dawson, N.** (2018). Code of Ethics & Standards of Practice in Physical Therapy. American Board of Physical Therapy Specialties, Online Review Course of the Neurological Certification Examination.
8. Hanney, W. & **Dawson, N.** (September, 26, 2017). The Management and Prevention of Back Pain. Learning Institute for Elders (LIFE) @ UCF. Orlando, FL. Honorarium received.
9. Dangiolo, M. & **Dawson, N.** (July 7, 2017). Falls in the Elderly. Learning Institute for Elders (LIFE) @ UCF. Orlando, FL.
10. **Dawson, N.** (January 20-21, 2017). Using Evidence-Based Approaches for Assessment and Treatment of Functional Disability in Geriatric Rehabilitation. Baton Rouge Physical Therapy – Lake. Gonzales, LA. Honorarium received.
11. **Dawson, N.** (September 26, 2015). PT Management of Patients with Dementia: Using a Strength and Functionally Based Approach. Florida Physical Therapy Association Fall Conference. Orlando, FL.
12. **Dawson, N.** (February 26, 2015). Psychosocial Aspects of Illness and Disability. NEOPTA District Meeting. Southwest General Hospital.
13. **Dawson, N.** (January 30, 2015). PT Management of Patients with Dementia: Using a Strength and Functionally Based Approach. Ohio University, Doctor of Physical Therapy Program lecture. Honorarium received.

14. Caulkins, M. (scheduled, November 13, 2014). Environmental Correlates of Falls in Health Care Settings. *Respondents: Dawson, N. & Hodgson, C. Life in Balance: Fall Prevention from Multidisciplinary Perspectives*, Annual Kent State University Symposium on Aging, Kent, Ohio.
15. **Dawson, N.** (July 18, 2014). PT Management of Patients with Dementia: Using a Strength and Functionally Based Approach. Marion Technical College Continuing Education Program, Marion, Ohio. Honorarium received.
16. **Dawson, N.** (March 29, 2014). PT Management of Patients with Dementia: Using a Strength and Functionally Based Approach. Ohio Physical Therapy Association Annual Conference, Columbus, Ohio. Honorarium received.
17. **Dawson, N.** (March 27, 2014). Helping Them Stay on their Feet: Physiological Risk Factors and Assessment of Falls in Older Adults. Pre-Conference Symposium: *One Step at a Time: Interdisciplinary Symposium on Falls Prevention*. 38<sup>th</sup> Annual Conference, Ohio Association for Gerontology & Education, Dayton, Ohio. Honorarium received.
18. **Dawson, N.** (February 1, 2012). Staying on your feet: How to keep your balance & prevent falls. Heather Knoll Skilled Nursing & Rehabilitation Center, Tallmadge, Ohio.

## Mentorship of Student Research

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### Faculty Mentor: Innovative Mobility Initiative (IMOVE™) Lab Research Assistants

1. Toubman, J., Mynatt, K., Richards, J., Stocker, C., Sack, L. & Heisler, N. Investigating the Impact of an Innovative Intergenerational Physical Activity Program on Older Adults and Children 8 to 11 Years Old. *Faculty Mentors: N. Dawson & J. Tucker.*
2. Dzurino, D., Karleskint, M., Hurtado, A. & Shirazi, S. Determining the reliability and agreement of overground walking and treadmill walking for various gait measurements in healthy adults. *Faculty Mentors: N. Dawson, J. Tucker & H. Huang.*
3. Karleskint, M. & Dzurino, D. Determining the agreement in gait and balance measurements for commonly used assessment tools. *Faculty Mentors: N. Dawson & J. Tucker.*

### Advisor: Doctor of Physical Therapy Capstone

1. Clark, B., Kalka, M. & Guzman, J. (Spring 2023, ongoing). The Efficacy and Potential Benefits of Moderate Intensity Exercise versus Pharmacological Management for Community-Dwelling Older Adults with Dementia or Mild Cognitive Impairment: A Systematic Review. Advisor: N. Dawson
2. Brown, C., Liebl, M., Sarsour, S. & Sierra, J. (Spring 2022, ongoing). Utilization of the Four Square Step Test as an Outcome Measure to Reduce Fall Risk in Geriatric Adults. *Advisor: N. Dawson.*
3. Kozlowski, B., Sondossi, R. & Wilhite, D. (Spring 2022, ongoing). Examining the Relationship between Grip Strength Rate of Force Development and Fast Gait Speed in Younger Adults. *Advisor: N. Dawson.*
4. Banta, E., Berk, L. & Davis, A. (Spring 2021, completed). The Efficacy and Potential Benefits of Moderate Intensity Exercise for Community-Dwelling Older Adults with Dementia or Mild Cognitive Impairment: A Systematic Review. *Advisor: N. Dawson.*

5. Montecalvo, E., Novoa, V. & Ravikumar, S. (Spring 2021, completed). Is There a Correlation between Handgrip Rate of Electromyography Rise and Comfortable Gait Speed?. *Advisor: N. Dawson.*
6. Carrion, M., Jahan, F. & Sarto, A. (Spring 2020, completed). Working Title: Examining the Impact of a Falls Prevention Program in Continuous Care Retirement Community. *Advisor: N. Dawson.*
7. Combs, K., Goodale, M., Snider, C. (Spring 2020, completed). Investigating the Effects of Grow & Play on Physical Activity and Intergenerational Attitudes of Older Adults. *Advisor: N. Dawson.*
8. Garbe, E., Garib, R. & Peller, A. (Spring 2020, completed). Working Title: Examining the Reliability and Validity of the NIH Toolbox<sup>®</sup> Standing Balance Test. *Advisor: N. Dawson.*
9. Beals, J., Huhn, K. & Kallin, G. (Spring 2019, completed). Discovering the effects of the Movement to Music program on the balance of individuals with dementia. *Advisor: N. Dawson.*
10. Chizmar, S., Haffke, L. & Trapuzzano, A. (Spring 2019, completed). What Makes Us Walk: Predictors of Gait Speed in Community Dwelling Older Adults. *Advisor: N. Dawson.*
11. Atkinson, C., Pettofrezzo, T. & Walker, S. (Spring 2018, completed). Spatiotemporal Parameters of Gait and Association to Falls. *Advisor: N. Dawson.*
12. Davis, K., Goddin, N. & Karleskint, M. (Spring 2017, completed). Can the Wii Balance Board be used as a Fall Risk Assessment Tool among Older Adults? *Advisor: N. Dawson.*
13. Keough, J., Mantel, A. & Zuluaga, E. (Spring 2017, completed). Project Runway: Is Fast Gait Speed Associated with Falls? *Advisor: N. Dawson.*
14. McBratney, R. & Seely, E. (Spring 2016, completed). Considering Community-Dwelling Older Adults: Which Components of a Multi-Factorial Exercise Program Are Most Effective for Preventing Falls? A Systematic Review. *Advisor: N. Dawson.*

#### **Co-Advisor: Doctor of Physical Therapy Capstone**

1. Brixx, J., Folio, L. & Freeman, J. (Spring 2023, ongoing). The Effects of Pain Neuroscience Education on Pain and Function in the Older adult. *Advisors: N. Dawson & C. Rothschild*
2. Hollis, A., Jimenez, D. & Knott, S. (Spring 2020, completed). Working Title: Otago-based Exercise Compared to Skill Therapy Interventions. *Advisors: M. Beato & N. Dawson.*
3. Osier, C., Steckel, K. & Viola, S. (Spring 2019, completed). Grow and Play: an Innovative Intergenerational Physical Activity Program. *Advisors: J. Tucker & N. Dawson.*
4. Berry, O., Guest, A. & Perez, J. (Spring 2019, completed). Effects of slackline training on gait performance and fear of falling in healthy older adults. *Advisors: C. Rothschild & N. Dawson.*
5. Winterberger, L., Morton, E. & Iadorola, C. (Spring 2018, completed). Can the Wii Balance Board be used as a Fall Risk Assessment Tool among Post-Stroke Patients? *Advisors: M. Beato & N. Dawson.*



### **Consultant: Doctor of Physical Therapy Capstone**

1. Rogel, S., Miley, M. & Hess J. (Spring 2016, completed). Investigating the Influence of a School Based Physical Activity Program on Fitness Measures in Children with and without Developmental Disabilities, in Grades K-3. *Advisor: J. Tucker.*
2. Crouse, N. & Daniels, J. (Spring 2016, completed). Evaluating the Impact of Educational Interventions on the Perceived Accessibility of ADA-compliant Outdoor Recreational Facilities for Individuals with Mobility Disabilities. *Advisors: J. Tucker & C. Doerger.*
3. Humphries, K., Francis, D. & Lebovitz, G. (Spring 2016, completed). Usage trends and theoretical knowledge of electrotherapeutic agents in physical therapist practice: a survey. *Advisor: C. Rothschild.*
4. Richards, C. & Vandell, T. (Spring 2016, completed). Effects of Preference Based Physical Activities for Children Ages 6-10 Years in a Private School. *Advisor: J. Tucker.*

### **Graduate Research Committee (Master's Thesis/Doctoral Dissertation)**

1. Herrera, M. (2021, Doctoral Dissertation). Measurement Invariance in the CESD-8 and Assessment of Mood Correlates Between American and Mexican Community Studies on the Multisystemic Geriatric Depression Cycle *Advisor: D. Paulson (Psychology).*
2. Smith, A. (ongoing, ClinScD Capstone). Working Title: Montessori Method as a treatment with patients with dementia in the skilled nursing setting to increase attention to task for increased independence during completion of daily activities. *Advisor: T. Jordan (Speech-Language Pathology program at Rocky Mountain University of Health Professions, Provo, UT).*
3. Perez, A. (2019, Master's Thesis). Grandma Got Passed Over by a Manager: The Intersection of Age and Gender in Hiring. *Advisor: B. Fritzsche (Psychology).*
4. Baker, K. (2019, Doctoral Dissertation). The Relationship between Psychosocial Factors and the Effect of Music on Exercise Performance: A Mixed-Methods Approach. *Advisor: J. Garcia (Exercise Science).*

### **Faculty Supervisor: Honor in the Major Thesis**

1. Suarez, Lara (Fall 2019, completed): Relationship between Executive Function and Postural Control.

### **Undergraduate Research Committee**

1. Rodriguez, G. (Spring 2021, completed): Rapid Grip Strength and Muscle Activity as Predictors of Reaction Time. *Advisor: M. Stock.*

### **Faculty Supervisor: HSC4912 (Undergraduate Direct Independent Research)**

1. Suarez, Lara (Fall 2019, Spring 2020). Undergraduate Research Assistant, IMOVE™ Lab.
2. Heisler, Nicholas (Summer 2016, Fall 2016, Spring, 2017). Assisted on Intergenerational Physical Activity Project through the Innovative Mobility Initiative Lab.

## Teaching Experience

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- 2015 – Present      **University of Central Florida**  
Instructor, PET 6690 (Summer 2021)  
Exercise Prescription in Special Populations
- Instructor, PHT 7521C (Fall Semester)  
Management of Physical Therapy Services II
- Instructor, PHT 7780C (Fall Semester)  
Advanced Gerontology in Physical Therapy
- Instructor, PHT 6521 (Fall Semester)  
Management of Physical Therapy Services
- Instructor, PHT 6374C (Spring Semester)  
Gerontology in Physical Therapy Practice
- Instructor, PHT 5003 (Summer Semester)  
Foundations of Physical Therapy
- Co-Instructor, PHT 5125L (Summer Semester)  
Clinical Kinesiology Lab
- Co-Instructor, PHT 7134C (Spring 2017)  
Physical Therapy Integrations II
- Co-Instructor, PHT 7219L (Summer 2018)  
Theories & Procedures II
- 2018 – Present      **GREAT Seminars and Books**  
Instructor, Evidence Based Management of Patients with Dementia
- 2013 – Present      **Summit Professional Education**  
Instructor, Evidence-based Management of Balance  
and Falls Disorders
- Instructor, Using Evidence-based Approaches  
for Successful Assessment and Treatment of Functional  
Disability in Older Adults
- 2010 – 2015      **Cleveland State University**  
Guest Lecturer, Advanced Interactions IV  
*Doctor of Physical Therapy Program*, Summer 2012 – 2015  
Instructor, Introduction to Psychology  
*Department of Psychology*, Spring 2013
- Guest Lecturer, Lifespan Development  
*Doctor of Physical Therapy Program*, Summer 2012
- Instructor, Psychology 101 Recitation  
*Department of Psychology*, Fall 2010, Spring 2011

## Service Activities

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### Professional Service

2019 – Present	National Strength and Conditioning Association Foundation, Grant Reviewer
2019 – Present	<i>Dementia</i> , Reviewer
2018 – Present	Ohio University Physical Therapy, Alumni Board of Directors
2017 – Present	National Institutes of Health, Early Career Reviewer ASG 2020/10 Review Panel (June 2020)
2017 – Present	Alzheimer's Society, Research Grant Reviewer
2017 – Present	<i>Physiotherapy Theory and Practice</i> , Reviewer
2016 – Present	American Board of Physical Therapy Specialties Geriatric Specialty Council (2018 – 2022) Specialization Academy of Content Experts, Item Writer (2016 – 2018) Geriatric Specialty Exam Standard Setting Committee (2016)
2015 – Present	<i>Journal of Geriatric Physical Therapy</i> , Reviewer
2015 – Present	Florida Physical Therapy Association, Member Geriatric Special Interest Group, Chair (2017 – Present)
2014 – Present	American Psychological Association, Member Division 20, Member
2013 – Present	<i>The Gerontologist</i> , Reviewer
2011 – Present	The Gerontological Society of America, Member
2011 – Present	Sigma Phi Omega (Gerontology Honor Society), Xi Chapter Student Representative, National Executive Board (2012-2015)
2000 – 2003; 2010 – Present	American Physical Therapy Association, Member Geriatrics, Research, and Education Sections JGPT Impact Factor Task Force (2020) Cognitive & Mental Special Interest Group (co-Academic Liaison) Geriatrics Partnership Taskforce (2019) Credentialed Clinical Instructor (2003 – Present)
2017	Administration for Community Living, Grant Reviewer
2011 – 2013	Association for Gerontology in Higher Education, Member
2011 – 2015	Ohio Association for Gerontology and Education, Member

### University Service

2021 – Present	Faculty Senate Personal Committee, CHPS representative
2019 – Present	Age-Friendly University Working Group
2017 – Present	Central Florida Interprofessional Education Faculty Working Group
2015 – Present	Legacy Pointe @ UCF, Health & Wellness Task Force
2019 – 2020	Faculty Senate, College Senator & Steering Committee
2016 – 2021	UCF Health Sciences HIPAA Collaborative
2015 – 2016	Assistant Professor Development Program

### College Service

2019 – 2020	Search Committee (DAT Faculty Cluster, Rehab Sciences)
2018 – 2020	Ph.D. in Rehabilitation Sciences Working Group
2015 – 2019, 2021	Instructor/Lecturer Promotion Committee (Chair, 2015)
2015 – 2019	Technology Advisory Committee
2018 – 2019	Search Committee, chair (DAT Faculty Cluster, Rehab Sciences)
2017 – 2018	Search Committee (DAT Faculty Cluster, Health Economist)

## Program Service

2019 – Present	UCF DPT Retention and Advancement Committee
2020 – 2021	Search Committee (Anatomist)
2016 – 2019	UCF DPT Professional Standards Committee, Chair
2016 – 2019	UCF DPT Admissions Committee
2016 – 2019	UCF DPT Curriculum Committee
2017 – 2018	Search Committee (Director of Clinical Education)
2016 – 2017	Search Committee (Director of Clinical Education)
2015 – 2016	Search Committee (Job #36036)

## Professional Development

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2021 American Physical Therapy Association, Combined Sections Meeting (virtual)  
 2020 American Physical Therapy Association, Combined Sections Meeting (Denver)  
 2020 Scientific Meeting of the Gerontological Society of America (virtual)  
 2019 American Physical Therapy Association, Combined Sections Meeting (Washington)  
 2019 Scientific Meeting of the Gerontological Society of America (Austin)  
 2018 American Physical Therapy Association, Combined Sections Meeting (New Orleans)  
 2018 Scientific Meeting of the Gerontological Society of America (Boston)

## Clinical Experience

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2019 – 2020	<b>Atlas Rehabilitation</b> Physical Therapist (per-diem), home health	<i>Orlando, FL</i>
2017 – 2019	<b>RehabCare, Inc (Kindred)</b> Physical Therapist (per-diem), Village on the Green	<i>Longwood, FL</i>
2008 – 2015	<b>Sprenger Healthcare, Inc.</b> <b>Therapy Partners, Inc.</b> Staff Physical Therapist, Heather Knoll	<i>Tallmadge, Ohio</i>
2007 – 2008	<b>Santera Rehabilitation, Inc.</b> Director of Rehab Services, Stratford Commons	<i>Solon, Ohio</i>
1996 – 2007	<b>NovaCare Rehabilitation</b> Manager of Clinical Operations <i>March 2006 – June 2007</i>	<i>NE Ohio Market</i>
	Center Manager <i>May 2005 – March 2006</i>	<i>Mayfield Village, Ohio</i>
	Center Manager, Center Coordinator of Clinical Education <i>September 2004 – May 2005</i>	<i>Raleigh, NC</i>
	Staff Physical Therapist, Center Coordinator of Clinical Education <i>June 2002 – September 2004</i>	<i>Brook Park, Ohio</i>

Rehabilitation Aide  
*January 1996 – June 2002*

*Cleveland, Ohio*

2003 – 2010

**Marymount Hospital**  
Physical Therapist - PRN

*Garfield Heights, Ohio*

## **Professional References**

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Professional references available upon request